Appendix

I Vapor Laboratory Analytical Reports

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0806051A

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216 Silvercroft
DATE RECEIVED:	06/04/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	MW-26-052908	Modified TO-15	3.0 "Hg	15 psi
02A	MW-24-052908	Modified TO-15	3.0 "Hg	15 psi
03A	MW-16-052908	Modified TO-15	3.0 "Hg	15 psi
04A	MW-16-052908 DUP	Modified TO-15	2.5 "Hg	15 psi
05A	MW-23-052908	Modified TO-15	3.0 "Hg	15 psi
05AA	MW-23-052908 Lab Duplicate	Modified TO-15	3.0 "Hg	15 psi
06A	MW-20-052908	Modified TO-15	3.0 "Hg	15 psi
07A	MW-3-052908	Modified TO-15	0.5 "Hg	15 psi
09A	MW-14-052908	Modified TO-15	3.5 "Hg	15 psi
10A	MW-12-052908	Modified TO-15	3.0 "Hg	15 psi
11A	MW-11-052908	Modified TO-15	3.0 "Hg	15 psi
12A	MW-15-052908	Modified TO-15	3.0 "Hg	15 psi
13A	MW-22-052908	Modified TO-15	3.0 "Hg	15 psi
14A	MW-25-052908	Modified TO-15	3.0 "Hg	15 psi
15A	MW-25Dup-052908	Modified TO-15	3.5 "Hg	15 psi
15AA	MW-25Dup-052908 Lab Duplicate	Modified TO-15	3.5 "Hg	15 psi
16A	MW-7-052908	Modified TO-15	2.0 "Hg	15 psi

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0806051A

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216 Silvercroft
DATE RECEIVED:	06/04/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
17A	Lab Blank	Modified TO-15	NA	NA
17B	Lab Blank	Modified TO-15	NA	NA
17C	Lab Blank	Modified TO-15	NA	NA
18A	CCV	Modified TO-15	NA	NA
18B	CCV	Modified TO-15	NA	NA
18C	CCV	Modified TO-15	NA	NA
19A	LCS	Modified TO-15	NA	NA
19B	LCS	Modified TO-15	NA	NA
19C	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/17/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0806051A

Fifteen 1 Liter Summa Canister samples were received on June 04, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The recovery of surrogate 1,2-Dichloroethane-d4 in samples MW-20-052908, MW-11-052908, MW-22-052908 and MW-7-052908 was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Dilution was performed on samples MW-3-052908 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-26-052908

Lab ID#: 0806051A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	8.8	7.6	60
TPH ref. to Gasoline (MW=100)	22	48	92	200

Client Sample ID: MW-24-052908

Lab ID#: 0806051A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	9.8	7.6	66
TPH ref. to Gasoline (MW=100)	22	32	92	130

Client Sample ID: MW-16-052908

Lab ID#: 0806051A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	2.5	7.6	17
TPH ref. to Gasoline (MW=100)	22	35	92	140

Client Sample ID: MW-16-052908 DUP

Lab ID#: 0806051A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	2.5	7.5	17

Client Sample ID: MW-23-052908

Lab ID#: 0806051A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	23	3.6	72
Tetrachloroethene	1.1	26	7.6	180
TPH ref. to Gasoline (MW=100)	22	610	92	2500

Client Sample ID: MW-23-052908 Lab Duplicate

Lab ID#: 0806051A-05AA

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-23-052908 Lab Duplicate

Lab ID#: 0806051A-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	21	3.6	68
Tetrachloroethene	1.1	27	7.6	180
TPH ref. to Gasoline (MW=100)	22	610	92	2500

Client Sample ID: MW-20-052908

Lab ID#: 0806051A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	340	49000	1100	160000
Toluene	340	36000	1300	140000
m,p-Xylene	340	6100	1500	26000
o-Xylene	340	2200	1500	9500
TPH ref. to Gasoline (MW=100)	6900	15000000	28000	61000000

Client Sample ID: MW-3-052908

Lab ID#: 0806051A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	3400	56000	11000	180000
Toluene	3400	15000	13000	56000
TPH ref. to Gasoline (MW=100)	68000	12000000	280000	49000000

Client Sample ID: MW-14-052908

Lab ID#: 0806051A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	9.2	2800	62	19000
Trichloroethene	9.2	20	49	110
TPH ref. to Gasoline (MW=100)	180	1400	750	5700

Client Sample ID: MW-12-052908

Lab ID#: 0806051A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-12-052908

Lab ID#: 0806051A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	6.4	2300	43	15000
Trichloroethene	6.4	16	34	85
TPH ref. to Gasoline (MW=100)	130	1600	520	6500

Client Sample ID: MW-11-052908

Lab ID#: 0806051A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	110	990	760	6700
TPH ref. to Gasoline (MW=100)	2200	1900000	9200	7800000

Client Sample ID: MW-15-052908

Lab ID#: 0806051A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	3.0	7.6	21
TPH ref. to Gasoline (MW=100)	22	440	92	1800

Client Sample ID: MW-22-052908

Lab ID#: 0806051A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.9	3.6	6.2
Tetrachloroethene	1.1	140	7.6	980
TPH ref. to Gasoline (MW=100)	22	12000	92	49000

Client Sample ID: MW-25-052908

Lab ID#: 0806051A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	130	7.6	880
Trichloroethene	1.1	7.0	6.0	38
TPH ref. to Gasoline (MW=100)	22	1000	92	4100

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-25Dup-052908

Lab ID#: 0806051A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.3	3.6	4.1
Toluene	1.1	1.6	4.3	6.2
Tetrachloroethene	1.1	110	7.8	780
Trichloroethene	1.1	6.4	6.2	34
TPH ref. to Gasoline (MW=100)	23	1100	94	4500

Client Sample ID: MW-25Dup-052908 Lab Duplicate

Lab ID#: 0806051A-15AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.3	3.6	4.1
Toluene	1.1	1.6	4.3	6.0
Tetrachloroethene	1.1	110	7.8	760
Trichloroethene	1.1	6.0	6.2	32
TPH ref. to Gasoline (MW=100)	23	990	94	4000

Client Sample ID: MW-7-052908

Lab ID#: 0806051A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	110	2600	340	8200
Tetrachloroethene	110	630	730	4300
TPH ref. to Gasoline (MW=100)	2200	760000	8800	3100000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-26-052908

Lab ID#: 0806051A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061506**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/15/08 12:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	8.8	7.6	60
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	48	92	200

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-24-052908

Lab ID#: 0806051A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061507**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/15/08 01:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	9.8	7.6	66
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	32	92	130

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	89	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-16-052908

Lab ID#: 0806051A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061508**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/15/08 01:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	2.5	7.6	17
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	35	92	140

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-16-052908 DUP

Lab ID#: 0806051A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061509**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/15/08 02:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	2.5	7.5	17
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-23-052908

Lab ID#: 0806051A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061510**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/15/08 03:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	23	3.6	72
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	26	7.6	180
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	610	92	2500

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	89	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-23-052908 Lab Duplicate

Lab ID#: 0806051A-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061511**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/15/08 04:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	21	3.6	68
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	27	7.6	180
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	610	92	2500

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	129	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-20-052908

Lab ID#: 0806051A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061520**	**Date of Collection: 5/29/08**	
Dil. Factor:	**689**	**Date of Analysis: 6/16/08 01:04 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	340	49000	1100	160000
Toluene	340	36000	1300	140000
Ethyl Benzene	340	Not Detected	1500	Not Detected
m,p-Xylene	340	6100	1500	26000
o-Xylene	340	2200	1500	9500
Tetrachloroethene	340	Not Detected	2300	Not Detected
Trichloroethene	340	Not Detected	1800	Not Detected
1,2,4-Trimethylbenzene	340	Not Detected	1700	Not Detected
1,3,5-Trimethylbenzene	340	Not Detected	1700	Not Detected
TPH ref. to Gasoline (MW=100)	6900	15000000	28000	61000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	194 Q	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-3-052908

Lab ID#: 0806051A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061608**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**6830**	**Date of Analysis:**	**6/16/08 02:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	3400	56000	11000	180000
Toluene	3400	15000	13000	56000
Ethyl Benzene	3400	Not Detected	15000	Not Detected
m,p-Xylene	3400	Not Detected	15000	Not Detected
o-Xylene	3400	Not Detected	15000	Not Detected
Tetrachloroethene	3400	Not Detected	23000	Not Detected
Trichloroethene	3400	Not Detected	18000	Not Detected
1,2,4-Trimethylbenzene	3400	Not Detected	17000	Not Detected
1,3,5-Trimethylbenzene	3400	Not Detected	17000	Not Detected
TPH ref. to Gasoline (MW=100)	68000	12000000	280000	49000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-14-052908

Lab ID#: 0806051A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061529**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**18.3**	**Date of Analysis:**	**6/16/08 04:23 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	9.2	Not Detected	29	Not Detected
Toluene	9.2	Not Detected	34	Not Detected
Ethyl Benzene	9.2	Not Detected	40	Not Detected
m,p-Xylene	9.2	Not Detected	40	Not Detected
o-Xylene	9.2	Not Detected	40	Not Detected
Tetrachloroethene	9.2	2800	62	19000
Trichloroethene	9.2	20	49	110
1,2,4-Trimethylbenzene	9.2	Not Detected	45	Not Detected
1,3,5-Trimethylbenzene	9.2	Not Detected	45	Not Detected
TPH ref. to Gasoline (MW=100)	180	1400	750	5700

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-12-052908

Lab ID#: 0806051A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061518**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**12.8**	**Date of Analysis:**	**6/15/08 10:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	6.4	Not Detected	20	Not Detected
Toluene	6.4	Not Detected	24	Not Detected
Ethyl Benzene	6.4	Not Detected	28	Not Detected
m,p-Xylene	6.4	Not Detected	28	Not Detected
o-Xylene	6.4	Not Detected	28	Not Detected
Tetrachloroethene	6.4	2300	43	15000
Trichloroethene	6.4	16	34	85
1,2,4-Trimethylbenzene	6.4	Not Detected	31	Not Detected
1,3,5-Trimethylbenzene	6.4	Not Detected	31	Not Detected
TPH ref. to Gasoline (MW=100)	130	1600	520	6500

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-11-052908

Lab ID#: 0806051A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061527**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**224**	**Date of Analysis:**	**6/16/08 02:47 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	110	Not Detected	360	Not Detected
Toluene	110	Not Detected	420	Not Detected
Ethyl Benzene	110	Not Detected	490	Not Detected
m,p-Xylene	110	Not Detected	490	Not Detected
o-Xylene	110	Not Detected	490	Not Detected
Tetrachloroethene	110	990	760	6700
Trichloroethene	110	Not Detected	600	Not Detected
1,2,4-Trimethylbenzene	110	Not Detected	550	Not Detected
1,3,5-Trimethylbenzene	110	Not Detected	550	Not Detected
TPH ref. to Gasoline (MW=100)	2200	1900000	9200	7800000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	142 Q	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-15-052908

Lab ID#: 0806051A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061519**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/15/08 11:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	3.0	7.6	21
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	440	92	1800

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	129	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-22-052908

Lab ID#: 0806051A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061528**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/16/08 03:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.9	3.6	6.2
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	140	7.6	980
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	12000	92	49000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	179 Q	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-25-052908

Lab ID#: 0806051A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061524**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/16/08 12:40 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	130	7.6	880
Trichloroethene	1.1	7.0	6.0	38
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	1000	92	4100

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-25Dup-052908

Lab ID#: 0806051A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061525**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/16/08 01:23 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.3	3.6	4.1
Toluene	1.1	1.6	4.3	6.2
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	110	7.8	780
Trichloroethene	1.1	6.4	6.2	34
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	1100	94	4500

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-25Dup-052908 Lab Duplicate

Lab ID#: 0806051A-15AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061526**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/16/08 02:11 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.3	3.6	4.1
Toluene	1.1	1.6	4.3	6.0
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	110	7.8	760
Trichloroethene	1.1	6.0	6.2	32
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	990	94	4000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-7-052908

Lab ID#: 0806051A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061531**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**216**	**Date of Analysis:**	**6/16/08 06:14 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	110	2600	340	8200
Toluene	110	Not Detected	410	Not Detected
Ethyl Benzene	110	Not Detected	470	Not Detected
m,p-Xylene	110	Not Detected	470	Not Detected
o-Xylene	110	Not Detected	470	Not Detected
Tetrachloroethene	110	630	730	4300
Trichloroethene	110	Not Detected	580	Not Detected
1,2,4-Trimethylbenzene	110	Not Detected	530	Not Detected
1,3,5-Trimethylbenzene	110	Not Detected	530	Not Detected
TPH ref. to Gasoline (MW=100)	2200	760000	8800	3100000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	138 Q	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/15/08 11:41 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051A-17B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061508**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/15/08 01:31 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051A-17C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/16/08 01:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/15/08 09:01 AM**	

Compound	**%Recovery**
Benzene	90
Toluene	99
Ethyl Benzene	98
m,p-Xylene	97
o-Xylene	96
Tetrachloroethene	108
Trichloroethene	110
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051A-18B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061502**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/15/08 08:57 AM**

Compound	**%Recovery**
Benzene	94
Toluene	97
Ethyl Benzene	93
m,p-Xylene	94
o-Xylene	93
Tetrachloroethene	95
Trichloroethene	97
1,2,4-Trimethylbenzene	88
1,3,5-Trimethylbenzene	90
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051A-18C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061602**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/16/08 09:15 AM**

Compound	**%Recovery**
Benzene	95
Toluene	98
Ethyl Benzene	96
m,p-Xylene	96
o-Xylene	95
Tetrachloroethene	96
Trichloroethene	97
1,2,4-Trimethylbenzene	91
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t061503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/15/08 09:48 AM**	

Compound	**%Recovery**
Benzene	87
Toluene	94
Ethyl Benzene	90
m,p-Xylene	90
o-Xylene	90
Tetrachloroethene	100
Trichloroethene	104
1,2,4-Trimethylbenzene	85
1,3,5-Trimethylbenzene	87
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051A-19B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/15/08 09:31 AM**	

Compound	**%Recovery**
Benzene	105
Toluene	111
Ethyl Benzene	100
m,p-Xylene	101
o-Xylene	102
Tetrachloroethene	104
Trichloroethene	107
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051A-19C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b061603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/16/08 10:13 AM**	

Compound	**%Recovery**
Benzene	98
Toluene	104
Ethyl Benzene	96
m,p-Xylene	96
o-Xylene	98
Tetrachloroethene	98
Trichloroethene	99
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager: Mike Nasky
Collected by: (Print and Sign) Matt Dunn
Company: LFR Inc Email:
Address: 14201 N 87th St City: Scottsdale State: AZ Zip: 85260
Phone: 480 905 9311 Fax:

Project Info:
P.O. #:
Project #: 01410032.16
Project Name: Silvercroft

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	MW-26-052908	36406	5-29-08	1223	TO-15 mod	29	0		
02A	MW-24-052908	34082		1303		29	0		
03A	MW-16-052908	35683		1439		28.5	0		
04A	MW-16-052908 DUP	35606		1443		29	0		
05A	MW-23-052908	24396		1524		29	0		
06A	MW-20-052908	3395		1615		29.5	0		
07A	MW-3-052908	34621		1708		29	0		
08A	SVE-1-052908	2113		1711		29	0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Matt Dunn	05/30/08 1300	[signature] ATL	06-03-08 1030
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		na	good	Yes No (None)	0806051

Form 1280 rev. 1

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager: Mike Nesky
Collected by: (Print and Sign) Jesse Bowman
Company: LFR Inc. Email:
Address: 14201 N 87th St City: Scottsdale State: Az Zip: 85260
Phone: 480 905 9311 Fax:

Project Info:
P.O. #:
Project #: 014 10022 16
Project Name: Silvercraft

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
09A	MW-14-052908	12379	052908	1220	TO15 Modified	29	0		
10A	MW-12-052908	36474	"	1400	"	29.5	0		
11A	MW-11-052908	36492	"	1428	"	29	0		
12A	MW-15-052908	2220	"	1500	"	29	0		
13A	MW-22-052908	34161	"	1530	"	29	0		
14A	MW-25-052908	34613	"	1600	"	29	0		
15A	MW-25 Dup-052908	36441	"	1605	"	29	0		
16A	MW-7-052908	33900	"	1639	"	29	0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	4/30/08	[signature] ATL	06-03-08 1030
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		na	Good	Yes No None	0806051

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0806051B

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216 Silvercroft
DATE RECEIVED:	06/04/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	06/17/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
17A	SVE-2S-052808	Modified TO-15	3.5 "Hg	15 psi
18A	SVE-2M-052808	Modified TO-15	3.0 "Hg	15 psi
19A	SVE-2D-052808	Modified TO-15	3.5 "Hg	15 psi
19AA	SVE-2D-052808 Lab Duplicate	Modified TO-15	3.5 "Hg	15 psi
20A	SVE-3M-052808	Modified TO-15	0.0 "Hg	15 psi
21A	SVE-3D-052808	Modified TO-15	3.5 "Hg	15 psi
22A	SVE-3S-052808	Modified TO-15	3.5 "Hg	15 psi
23A	SVM-2-052808	Modified TO-15	3.0 "Hg	15 psi
24A	SVM-3Dup-052808	Modified TO-15	3.0 "Hg	15 psi
25A	SVM-3-052808	Modified TO-15	3.0 "Hg	15 psi
26A	SVM-1-052808	Modified TO-15	3.0 "Hg	15 psi
27A	SVE-5S-052808	Modified TO-15	3.5 "Hg	15 psi
28A	SVE-5M-052808	Modified TO-15	3.5 "Hg	15 psi
29A	SVE-5D-052808	Modified TO-15	3.5 "Hg	15 psi
30A	SVE-4D-052808	Modified TO-15	0.0 "Hg	15 psi
31A	SVE-4S-052808	Modified TO-15	3.0 "Hg	15 psi
32A	SVE-4M-052808	Modified TO-15	3.0 "Hg	15 psi

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0806051B

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216 Silvercroft
DATE RECEIVED:	06/04/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	06/17/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
33A	Lab Blank	Modified TO-15	NA	NA
33B	Lab Blank	Modified TO-15	NA	NA
33C	Lab Blank	Modified TO-15	NA	NA
33D	Lab Blank	Modified TO-15	NA	NA
34A	CCV	Modified TO-15	NA	NA
34B	CCV	Modified TO-15	NA	NA
34C	CCV	Modified TO-15	NA	NA
34D	CCV	Modified TO-15	NA	NA
35A	LCS	Modified TO-15	NA	NA
35B	LCS	Modified TO-15	NA	NA
35C	LCS	Modified TO-15	NA	NA
35D	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/17/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0806051B

Sixteen 1 Liter Summa Canister samples were received on June 04, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The recovery of surrogate 1,2-Dichloroethane-d4 in samples SVE-2S-052808 and SVE-3D-052808 was outside control limits due to high level matrix interference. Data is reported as qualified.

Dilution was performed on sample SVM-1-052808 and SVE-4D-052808 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-2S-052808

Lab ID#: 0806051B-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.5	3.6	4.9
Toluene	1.1	11	4.3	40
Ethyl Benzene	1.1	2.6	5.0	11
m,p-Xylene	1.1	16	5.0	71
o-Xylene	1.1	9.8	5.0	43
Tetrachloroethene	1.1	21	7.8	140
1,2,4-Trimethylbenzene	1.1	9.3	5.6	46
1,3,5-Trimethylbenzene	1.1	4.7	5.6	23
TPH ref. to Gasoline (MW=100)	23	5600	94	23000

Client Sample ID: SVE-2M-052808

Lab ID#: 0806051B-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	220	4400	720	14000
Toluene	220	47000	840	180000
Ethyl Benzene	220	14000	970	61000
m,p-Xylene	220	63000	970	270000
o-Xylene	220	28000	970	120000
1,2,4-Trimethylbenzene	220	21000	1100	100000
1,3,5-Trimethylbenzene	220	7100	1100	35000
TPH ref. to Gasoline (MW=100)	4500	1300000	18000	5300000

Client Sample ID: SVE-2D-052808

Lab ID#: 0806051B-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	230	5000	730	16000
Toluene	230	48000	860	180000
Ethyl Benzene	230	14000	990	59000
m,p-Xylene	230	60000	990	260000
o-Xylene	230	26000	990	110000
1,2,4-Trimethylbenzene	230	16000	1100	76000
1,3,5-Trimethylbenzene	230	5500	1100	27000
TPH ref. to Gasoline (MW=100)	4600	1300000	19000	5300000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-2D-052808 Lab Duplicate

Lab ID#: 0806051B-19AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	460	5000	1500	16000
Toluene	460	48000	1700	180000
Ethyl Benzene	460	13000	2000	57000
m,p-Xylene	460	60000	2000	260000
o-Xylene	460	25000	2000	110000
1,2,4-Trimethylbenzene	460	13000	2200	63000
1,3,5-Trimethylbenzene	460	4800	2200	23000
TPH ref. to Gasoline (MW=100)	9200	1200000	37000	4900000

Client Sample ID: SVE-3M-052808

Lab ID#: 0806051B-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.0	4.0	3.8	15
m,p-Xylene	1.0	1.4	4.4	6.1
TPH ref. to Gasoline (MW=100)	20	320	83	1300

Client Sample ID: SVE-3D-052808

Lab ID#: 0806051B-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	34	3.6	110
Toluene	1.1	95	4.3	360
Ethyl Benzene	1.1	13	5.0	55
m,p-Xylene	1.1	130	5.0	570
o-Xylene	1.1	40	5.0	170
Tetrachloroethene	1.1	40	7.8	280
1,2,4-Trimethylbenzene	1.1	61	5.6	300
1,3,5-Trimethylbenzene	1.1	23	5.6	110
TPH ref. to Gasoline (MW=100)	23	30000	94	120000

Client Sample ID: SVE-3S-052808

Lab ID#: 0806051B-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-3S-052808

Lab ID#: 0806051B-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	23	2300	94	9400

Client Sample ID: SVM-2-052808

Lab ID#: 0806051B-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	36	7.6	250
TPH ref. to Gasoline (MW=100)	22	42	92	170

Client Sample ID: SVM-3Dup-052808

Lab ID#: 0806051B-24A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.1	3.5	4.2	13
m,p-Xylene	1.1	4.5	4.9	20
o-Xylene	1.1	2.1	4.9	9.2
Tetrachloroethene	1.1	7.2	7.6	49
1,2,4-Trimethylbenzene	1.1	2.2	5.5	11
TPH ref. to Gasoline (MW=100)	22	90	92	370

Client Sample ID: SVM-3-052808

Lab ID#: 0806051B-25A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	1.1	7.9	7.6	53
TPH ref. to Gasoline (MW=100)	22	23	92	94

Client Sample ID: SVM-1-052808

Lab ID#: 0806051B-26A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	28	1800	190	12000
TPH ref. to Gasoline (MW=100)	560	44000	2300	180000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-5S-052808

Lab ID#: 0806051B-27A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,3,5-Trimethylbenzene	1.1	1.3	5.6	6.4
TPH ref. to Gasoline (MW=100)	23	710	94	2900

Client Sample ID: SVE-5M-052808

Lab ID#: 0806051B-28A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.1	2.8	4.3	10
m,p-Xylene	1.1	8.1	5.0	35
o-Xylene	1.1	4.4	5.0	19
Tetrachloroethene	1.1	17	7.8	110
1,2,4-Trimethylbenzene	1.1	6.6	5.6	32
1,3,5-Trimethylbenzene	1.1	2.0	5.6	10
TPH ref. to Gasoline (MW=100)	23	2400	94	9800

Client Sample ID: SVE-5D-052808

Lab ID#: 0806051B-29A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	300	410	980	1300
Toluene	300	2400	1200	9000
Ethyl Benzene	300	1600	1300	6900
m,p-Xylene	300	68000	1300	290000
o-Xylene	300	33000	1300	140000
Tetrachloroethene	300	2900	2100	20000
1,2,4-Trimethylbenzene	300	28000	1500	140000
1,3,5-Trimethylbenzene	300	15000	1500	74000
TPH ref. to Gasoline (MW=100)	6100	2800000	25000	11000000

Client Sample ID: SVE-4D-052808

Lab ID#: 0806051B-30A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	100	140	320	430
Toluene	100	340	380	1300

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-4D-052808

Lab ID#: 0806051B-30A

m,p-Xylene	100	140	440	620
Tetrachloroethene	100	710	680	4800
TPH ref. to Gasoline (MW=100)	2000	910000	8300	3700000

Client Sample ID: SVE-4S-052808

Lab ID#: 0806051B-31A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	4.5	480	17	1800
Ethyl Benzene	4.5	200	19	870
m,p-Xylene	4.5	630	19	2700
o-Xylene	4.5	750	19	3300
1,2,4-Trimethylbenzene	4.5	240	22	1200
1,3,5-Trimethylbenzene	4.5	380	22	1800
TPH ref. to Gasoline (MW=100)	90	38000	370	160000

Client Sample ID: SVE-4M-052808

Lab ID#: 0806051B-32A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	32	310	120	1200
Ethyl Benzene	32	270	140	1200
m,p-Xylene	32	12000	140	51000
o-Xylene	32	5500	140	24000
1,2,4-Trimethylbenzene	32	2500	160	12000
1,3,5-Trimethylbenzene	32	1800	160	8600
TPH ref. to Gasoline (MW=100)	640	170000	2600	700000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2S-052808

Lab ID#: 0806051B-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060913**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/9/08 07:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	1.5	3.6	4.9
Toluene	1.1	11	4.3	40
Ethyl Benzene	1.1	2.6	5.0	11
m,p-Xylene	1.1	16	5.0	71
o-Xylene	1.1	9.8	5.0	43
Tetrachloroethene	1.1	21	7.8	140
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	9.3	5.6	46
1,3,5-Trimethylbenzene	1.1	4.7	5.6	23
TPH ref. to Gasoline (MW=100)	23	5600	94	23000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	170 Q	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2M-052808

Lab ID#: 0806051B-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060914**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**448**	**Date of Analysis:**	**6/9/08 08:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	220	4400	720	14000
Toluene	220	47000	840	180000
Ethyl Benzene	220	14000	970	61000
m,p-Xylene	220	63000	970	270000
o-Xylene	220	28000	970	120000
Tetrachloroethene	220	Not Detected	1500	Not Detected
Trichloroethene	220	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	220	21000	1100	100000
1,3,5-Trimethylbenzene	220	7100	1100	35000
TPH ref. to Gasoline (MW=100)	4500	1300000	18000	5300000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2D-052808

Lab ID#: 0806051B-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060923**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**458**	**Date of Analysis:**	**6/10/08 04:13 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	230	5000	730	16000
Toluene	230	48000	860	180000
Ethyl Benzene	230	14000	990	59000
m,p-Xylene	230	60000	990	260000
o-Xylene	230	26000	990	110000
Tetrachloroethene	230	Not Detected	1600	Not Detected
Trichloroethene	230	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	230	16000	1100	76000
1,3,5-Trimethylbenzene	230	5500	1100	27000
TPH ref. to Gasoline (MW=100)	4600	1300000	19000	5300000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2D-052808 Lab Duplicate

Lab ID#: 0806051B-19AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060921**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**916**	**Date of Analysis:**	**6/10/08 02:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	460	5000	1500	16000
Toluene	460	48000	1700	180000
Ethyl Benzene	460	13000	2000	57000
m,p-Xylene	460	60000	2000	260000
o-Xylene	460	25000	2000	110000
Tetrachloroethene	460	Not Detected	3100	Not Detected
Trichloroethene	460	Not Detected	2500	Not Detected
1,2,4-Trimethylbenzene	460	13000	2200	63000
1,3,5-Trimethylbenzene	460	4800	2200	23000
TPH ref. to Gasoline (MW=100)	9200	1200000	37000	4900000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3M-052808

Lab ID#: 0806051B-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060917**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.02**	**Date of Analysis:**	**6/9/08 11:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.0	Not Detected	3.2	Not Detected
Toluene	1.0	4.0	3.8	15
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	1.4	4.4	6.1
o-Xylene	1.0	Not Detected	4.4	Not Detected
Tetrachloroethene	1.0	Not Detected	6.8	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
TPH ref. to Gasoline (MW=100)	20	320	83	1300

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3D-052808

Lab ID#: 0806051B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060925**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/10/08 05:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	34	3.6	110
Toluene	1.1	95	4.3	360
Ethyl Benzene	1.1	13	5.0	55
m,p-Xylene	1.1	130	5.0	570
o-Xylene	1.1	40	5.0	170
Tetrachloroethene	1.1	40	7.8	280
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	61	5.6	300
1,3,5-Trimethylbenzene	1.1	23	5.6	110
TPH ref. to Gasoline (MW=100)	23	30000	94	120000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	148 Q	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3S-052808

Lab ID#: 0806051B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060919**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/10/08 01:13 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	2300	94	9400

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-2-052808

Lab ID#: 0806051B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060922**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/10/08 03:33 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	36	7.6	250
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	42	92	170

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-3Dup-052808

Lab ID#: 0806051B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060924**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/10/08 05:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	3.5	4.2	13
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	4.5	4.9	20
o-Xylene	1.1	2.1	4.9	9.2
Tetrachloroethene	1.1	7.2	7.6	49
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	2.2	5.5	11
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	90	92	370

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-3-052808

Lab ID#: 0806051B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060926**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/10/08 06:31 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	7.9	7.6	53
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	23	92	94

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-1-052808

Lab ID#: 0806051B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061014**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**56.0**	**Date of Analysis:**	**6/10/08 06:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	28	Not Detected	89	Not Detected
Toluene	28	Not Detected	100	Not Detected
Ethyl Benzene	28	Not Detected	120	Not Detected
m,p-Xylene	28	Not Detected	120	Not Detected
o-Xylene	28	Not Detected	120	Not Detected
Tetrachloroethene	28	1800	190	12000
Trichloroethene	28	Not Detected	150	Not Detected
1,2,4-Trimethylbenzene	28	Not Detected	140	Not Detected
1,3,5-Trimethylbenzene	28	Not Detected	140	Not Detected
TPH ref. to Gasoline (MW=100)	560	44000	2300	180000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5S-052808

Lab ID#: 0806051B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061020**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/10/08 11:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	1.3	5.6	6.4
TPH ref. to Gasoline (MW=100)	23	710	94	2900

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5M-052808

Lab ID#: 0806051B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061021**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/11/08 01:05 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	2.8	4.3	10
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	8.1	5.0	35
o-Xylene	1.1	4.4	5.0	19
Tetrachloroethene	1.1	17	7.8	110
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	6.6	5.6	32
1,3,5-Trimethylbenzene	1.1	2.0	5.6	10
TPH ref. to Gasoline (MW=100)	23	2400	94	9800

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5D-052808

Lab ID#: 0806051B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061223**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**611**	**Date of Analysis:**	**6/13/08 01:44 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	300	410	980	1300
Toluene	300	2400	1200	9000
Ethyl Benzene	300	1600	1300	6900
m,p-Xylene	300	68000	1300	290000
o-Xylene	300	33000	1300	140000
Tetrachloroethene	300	2900	2100	20000
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	28000	1500	140000
1,3,5-Trimethylbenzene	300	15000	1500	74000
TPH ref. to Gasoline (MW=100)	6100	2800000	25000	11000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4D-052808

Lab ID#: 0806051B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061222**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**202**	**Date of Analysis:**	**6/13/08 01:01 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	100	140	320	430
Toluene	100	340	380	1300
Ethyl Benzene	100	Not Detected	440	Not Detected
m,p-Xylene	100	140	440	620
o-Xylene	100	Not Detected	440	Not Detected
Tetrachloroethene	100	710	680	4800
Trichloroethene	100	Not Detected	540	Not Detected
1,2,4-Trimethylbenzene	100	Not Detected	500	Not Detected
1,3,5-Trimethylbenzene	100	Not Detected	500	Not Detected
TPH ref. to Gasoline (MW=100)	2000	910000	8300	3700000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4S-052808

Lab ID#: 0806051B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061127**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**8.96**	**Date of Analysis:**	**6/12/08 05:35 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	4.5	Not Detected	14	Not Detected
Toluene	4.5	480	17	1800
Ethyl Benzene	4.5	200	19	870
m,p-Xylene	4.5	630	19	2700
o-Xylene	4.5	750	19	3300
Tetrachloroethene	4.5	Not Detected	30	Not Detected
Trichloroethene	4.5	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	4.5	240	22	1200
1,3,5-Trimethylbenzene	4.5	380	22	1800
TPH ref. to Gasoline (MW=100)	90	38000	370	160000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4M-052808

Lab ID#: 0806051B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061128**	**Date of Collection:**	**5/28/08**
Dil. Factor:	**64.0**	**Date of Analysis:**	**6/12/08 06:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	32	Not Detected	100	Not Detected
Toluene	32	310	120	1200
Ethyl Benzene	32	270	140	1200
m,p-Xylene	32	12000	140	51000
o-Xylene	32	5500	140	24000
Tetrachloroethene	32	Not Detected	220	Not Detected
Trichloroethene	32	Not Detected	170	Not Detected
1,2,4-Trimethylbenzene	32	2500	160	12000
1,3,5-Trimethylbenzene	32	1800	160	8600
TPH ref. to Gasoline (MW=100)	640	170000	2600	700000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060908**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/9/08 03:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051B-33B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/08 12:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051B-33C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/08 12:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051B-33D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061208**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/08 01:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/9/08 09:38 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	102
Ethyl Benzene	102
m,p-Xylene	102
o-Xylene	102
Tetrachloroethene	109
Trichloroethene	108
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051B-34B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/08 09:54 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	104
Ethyl Benzene	102
m,p-Xylene	101
o-Xylene	103
Tetrachloroethene	109
Trichloroethene	108
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051B-34C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/08 08:56 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	103
Ethyl Benzene	104
m,p-Xylene	102
o-Xylene	101
Tetrachloroethene	108
Trichloroethene	108
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051B-34D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/08 08:54 AM**	

Compound	**%Recovery**
Benzene	107
Toluene	104
Ethyl Benzene	101
m,p-Xylene	102
o-Xylene	103
Tetrachloroethene	107
Trichloroethene	108
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7060904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/9/08 11:07 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	106
Ethyl Benzene	99
m,p-Xylene	97
o-Xylene	100
Tetrachloroethene	108
Trichloroethene	108
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051B-35B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061006**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/10/08 11:50 AM**

Compound	**%Recovery**
Benzene	109
Toluene	109
Ethyl Benzene	102
m,p-Xylene	101
o-Xylene	104
Tetrachloroethene	112
Trichloroethene	110
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051B-35C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/11/08 09:35 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	109
Ethyl Benzene	101
m,p-Xylene	100
o-Xylene	102
Tetrachloroethene	110
Trichloroethene	108
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051B-35D

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/08 10:11 AM**	

Compound	**%Recovery**
Benzene	109
Toluene	108
Ethyl Benzene	102
m,p-Xylene	101
o-Xylene	103
Tetrachloroethene	111
Trichloroethene	107
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	105	70-130

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(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager Mike Nefky
Collected by: (Print and Sign) Jesse Bowman
Company _____ Email _____
Address 14201 N 87th St City Scottsdale State AZ Zip 85260
Phone (480) 905 9311 Fax _____

Project Info:
P.O. # _____
Project# 014100226
Project Name Silvercraft

Turn Around Time:
☑ Normal
☐ Rush
_____ specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas:
N_2 ... He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
17A	SVE-2S-052808	3392	05/28/08	1324	T.O.15 Mod.	29	Ø		
18A	SVE-2M-052808	35677	"	1339	"	29	Ø		
19A	SVE-2D-052808	21018	"	1347	"	29	Ø		
20A	SVE-3M-052808	36485	"	1506	"	29	Ø		
21A	SVE-3D-052808	~~3393~~ 33734	"	1500	"	29	Ø		
22A	SVE-3S-052808	3393	"	1447	"	29	Ø		
23A	SVM-2-052808	35623	"	1612	"	29.5	Ø		
24A	SVM-3Dup-052808	1353	"	1625	"	29	Ø		
25A	SVM-3-052808	2076	"	1620	"	29	Ø		
26A	SVM-1-052808	12363	"	1603	"	29.5	Ø		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Jesse Bowman	05/30/08 1600	ATL	06-03-08 1030
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		na	good	Yes No (None)	0806051

Form 1293 rev. 1

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Page ____ of ____

Project Manager: Mike Nesky
Collected by: (Print and Sign) Matt Davis
Company: LFR Inc Email:
Address: 14201 N 87th St City: Scottsdale State: AZ Zip: 85260
Phone: 480 905 9711 Fax:

Project Info:
P.O. #:
Project #: 01140022216
Project Name: Silvercraft

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
27A	SVE-SS-052808	33722	05-28-08	1425		29.5	ø		
28A	SVE-SM-052808	33720	05-28-08	1434		29	ø		
29A	SVE-SD-052808	34651	05-28-08	1447		29.5	ø		
30A	SVE-4D-052808	2047	05-28-08	1531		29.5	ø		
31A	SVE-4S-052808	11428	05-28-08	1514		28.5	ø		
32A	SVE-4M-052808	11437	05-28-08	1610		29.5	ø		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Matt Davis	5/30/08 1300	ATL	06-03-08 1030
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		28	Good	Yes No None	0806051

Form 1233 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0806051C

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216 Silvercroft
DATE RECEIVED:	06/04/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	06/17/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
08A	SVE-1-052908	Modified TO-15 (5&20 ppbv)	3.0 "Hg	15 psi
09A	Lab Blank	Modified TO-15 (5&20 ppbv)	NA	NA
10A	CCV	Modified TO-15 (5&20 ppbv)	NA	NA
11A	LCS	Modified TO-15 (5&20 ppbv)	NA	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 06/17/08

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 Soil Gas
LFR Levine-Fricke
Workorder# 0806051C

One 1 Liter Summa Canister sample was received on June 04, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 50 mLs of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: SVE-1-052908

Lab ID#: 0806051C-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	280	1100	890	3600
Toluene	280	48000	1000	180000
Ethyl Benzene	280	36000	1200	150000
m,p-Xylene	280	200000	1200	890000
o-Xylene	280	100000	1200	450000
1,2,4-Trimethylbenzene	280	84000	1400	410000
1,3,5-Trimethylbenzene	280	31000	1400	150000
TPH ref. to Gasoline (MW=100)	5600	3600000	23000	15000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-1-052908

Lab ID#: 0806051C-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**c061707**	**Date of Collection:**	**5/29/08**
Dil. Factor:	**56.0**	**Date of Analysis:**	**6/17/08 08:34 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	280	1100	890	3600
Toluene	280	48000	1000	180000
Ethyl Benzene	280	36000	1200	150000
m,p-Xylene	280	200000	1200	890000
o-Xylene	280	100000	1200	450000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	84000	1400	410000
1,3,5-Trimethylbenzene	280	31000	1400	150000
TPH ref. to Gasoline (MW=100)	5600	3600000	23000	15000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0806051C-09A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**c061705a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/17/08 05:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0806051C-10A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**c061703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/17/08 04:56 AM**	

Compound	**%Recovery**
Benzene	96
Toluene	97
Ethyl Benzene	102
m,p-Xylene	100
o-Xylene	103
Tetrachloroethene	109
Trichloroethene	101
1,2,4-Trimethylbenzene	92
1,3,5-Trimethylbenzene	106

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0806051C-11A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**c061704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/17/08 05:24 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	88
Ethyl Benzene	93
m,p-Xylene	92
o-Xylene	94
Tetrachloroethene	101
Trichloroethene	91
1,2,4-Trimethylbenzene	85
1,3,5-Trimethylbenzene	96

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

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Page ____ of ____

Project Manager: MIKE NOSKY
Collected by: (Print and Sign) Matt Davis
Company: LFR Inc
Email:
Address: 14201 N 87th St City: Scottsdale State: AZ Zip: 85260
Phone: 480 905 9311 Fax:

Project Info:
P.O. #:
Project #: 0410032216
Project Name: Silvercroft

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	MW-26-052908	36406	5-29-08	1223	TO-15 mod	29	0		
02A	MW-24-052908	34082		1303		29	0		
03A	MW-16-052908	35683		1439		28.5	0		
04A	MW-16-052908 DUP	35606		1443		29	0		
05A	MW-23-052908	24396		1524		29	0		
06A	MW-20-052908	3395		1615		29.5	0		
07A	MW-3-052908	34621		1708		29	0		
08A	SVE-1-052908	2113		1711		29	0		

MS 6/7/08

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	05/30/08 1300	[signature] ATL	06-05-08 1030
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		22	good	Yes No None	0806051

Form 1238 rev.11

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801031

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-100215/007 Silvercroft
DATE RECEIVED:	01/04/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/07/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-10208-EFF	Modified TO-15	1.5 "Hg	5 psi
02A	VSP-3-10208-MID CAR	Modified TO-15	1.5 "Hg	5 psi
03A	VSP-2-10208-POST OX	Modified TO-15	2.0 "Hg	5 psi
04A	VSP-2D-10208-POST OX	Modified TO-15	1.5 "Hg	5 psi
04AA	VSP-2D-10208-POST OX Lab Duplicate	Modified TO-15	1.5 "Hg	5 psi
05A(cancelled)	VSP-1-10208-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 01/07/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0801031

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on January 04, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Tedlar bag for sample VSP-1-10208-INF arrived flat. The client was notified that analysis was not possible.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-10208-EFF

Lab ID#: 0801031-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	100	58	410

Client Sample ID: VSP-3-10208-MID CAR

Lab ID#: 0801031-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	82	58	340

Client Sample ID: VSP-2-10208-POST OX

Lab ID#: 0801031-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	1.2	2.3	3.8
Toluene	0.72	1.5	2.7	5.6
Ethyl Benzene	0.72	0.97	3.1	4.2
m,p-Xylene	0.72	2.7	3.1	12
o-Xylene	0.72	1.1	3.1	4.8
1,2,4-Trimethylbenzene	0.72	0.94	3.5	4.6
TPH ref. to Gasoline (MW=100)	14	15	59	61

Client Sample ID: VSP-2D-10208-POST OX

Lab ID#: 0801031-04A

No Detections Were Found.

Client Sample ID: VSP-2D-10208-POST OX Lab Duplicate

Lab ID#: 0801031-04AA

No Detections Were Found.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-10208-EFF

Lab ID#: 0801031-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010415**	**Date of Collection:**	**1/2/08**
Dil. Factor:	**1.41**	**Date of Analysis:**	**1/4/08 09:08 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	Not Detected	3.1	Not Detected
o-Xylene	0.70	Not Detected	3.1	Not Detected
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	100	58	410

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-10208-MID CAR

Lab ID#: 0801031-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010416**	**Date of Collection:**	**1/2/08**
Dil. Factor:	**1.41**	**Date of Analysis:**	**1/4/08 09:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	Not Detected	3.1	Not Detected
o-Xylene	0.70	Not Detected	3.1	Not Detected
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	82	58	340

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-10208-POST OX

Lab ID#: 0801031-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010417**	**Date of Collection:**	**1/2/08**
Dil. Factor:	**1.44**	**Date of Analysis:**	**1/4/08 10:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	1.2	2.3	3.8
Toluene	0.72	1.5	2.7	5.6
Ethyl Benzene	0.72	0.97	3.1	4.2
m,p-Xylene	0.72	2.7	3.1	12
o-Xylene	0.72	1.1	3.1	4.8
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	0.94	3.5	4.6
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	15	59	61

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-10208-POST OX

Lab ID#: 0801031-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010418**	**Date of Collection:**	**1/2/08**
Dil. Factor:	**1.41**	**Date of Analysis:**	**1/4/08 11:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	Not Detected	3.1	Not Detected
o-Xylene	0.70	Not Detected	3.1	Not Detected
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	Not Detected	58	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-10208-POST OX Lab Duplicate

Lab ID#: 0801031-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010506**	**Date of Collection:**	**1/2/08**
Dil. Factor:	**1.41**	**Date of Analysis:**	**1/5/08 12:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	Not Detected	3.1	Not Detected
o-Xylene	0.70	Not Detected	3.1	Not Detected
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	Not Detected	58	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801031-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/08 11:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801031-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/08 11:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801031-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/08 10:03 AM**	

Compound	**%Recovery**
Benzene	114
Toluene	109
Ethyl Benzene	111
m,p-Xylene	109
o-Xylene	107
Tetrachloroethene	106
Trichloroethene	111
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801031-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/08 08:21 AM**	

Compound	**%Recovery**
Benzene	110
Toluene	110
Ethyl Benzene	112
m,p-Xylene	111
o-Xylene	110
Tetrachloroethene	112
Trichloroethene	114
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801031-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/4/08 10:48 AM**	

Compound	**%Recovery**
Benzene	120
Toluene	118
Ethyl Benzene	110
m,p-Xylene	108
o-Xylene	108
Tetrachloroethene	107
Trichloroethene	114
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801031-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7010504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/5/08 09:39 AM**	

Compound	**%Recovery**
Benzene	117
Toluene	118
Ethyl Benzene	112
m,p-Xylene	110
o-Xylene	110
Tetrachloroethene	110
Trichloroethene	115
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	110
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	100	70-130

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FOLSOM, CA 95630-4719
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Project Manager: MIKE NESKY
Collected by: (Print and Sign) MARK HAMMER Mark Hammer
Company: LFR Email: SEAN.CAUPP@LFR.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-100215/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-10208-EFF	919	1/02/08	1555	TO 15 MOD + TPH	-28.5	Ø		
02A	VSP-3-10208-MID CAR	33382	↓	1602	↓	-28.5	Ø		
03A	VSP-2-10208-POST OX	21001	↓	1613	↓	-28.5	Ø		
04A	VSP-2D-10208-POST OX	33581	↓	1613	↓	-28.5	Ø		
05A	VSP-1-10208-INF	TED	↓	1630	↓				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	1/03/08 1542	FEDEX	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		ATL	01/04/08 10:05
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex	8569 5352 3144	NA	Good	Yes No (None)	0801031

Form 1203 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801134

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002215/007 Silvercroft
DATE RECEIVED:	01/11/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/14/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-011008-EFF	Modified TO-15	2.5 "Hg	5 psi
02A	VSP-3-011008-MID CAR	Modified TO-15	2.5 "Hg	5 psi
03A	VSP-3D-011008-MID CAR	Modified TO-15	2.5 "Hg	5 psi
04A	VSP-2-011008-POST OX	Modified TO-15	2.5 "Hg	5 psi
05A	VSP-1-011008-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 01/14/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0801134

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on January 11, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-011008-EFF

Lab ID#: 0801134-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	16	60	65

Client Sample ID: VSP-3-011008-MID CAR

Lab ID#: 0801134-02A

No Detections Were Found.

Client Sample ID: VSP-3D-011008-MID CAR

Lab ID#: 0801134-03A

No Detections Were Found.

Client Sample ID: VSP-2-011008-POST OX

Lab ID#: 0801134-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.73	0.74	2.8	2.8

Client Sample ID: VSP-1-011008-INF

Lab ID#: 0801134-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	50000	2100	160000
Toluene	660	220000	2500	820000
Ethyl Benzene	660	46000	2900	200000
m,p-Xylene	660	140000	2900	610000
o-Xylene	660	55000	2900	240000
1,2,4-Trimethylbenzene	660	24000	3300	120000
1,3,5-Trimethylbenzene	660	8600	3300	42000
TPH ref. to Gasoline (MW=100)	13000	7600000	54000	31000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-011008-EFF

Lab ID#: 0801134-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011110**	**Date of Collection:**	**1/10/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/11/08 05:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	16	60	65

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-011008-MID CAR

Lab ID#: 0801134-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011111**	**Date of Collection:**	**1/10/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/11/08 06:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-011008-MID CAR

Lab ID#: 0801134-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011112**	**Date of Collection:**	**1/10/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/11/08 07:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-011008-POST OX

Lab ID#: 0801134-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011113**	**Date of Collection:**	**1/10/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/11/08 08:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	0.74	2.8	2.8
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-011008-INF

Lab ID#: 0801134-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011115**	**Date of Collection: 1/10/08**	
Dil. Factor:	**1330**	**Date of Analysis: 1/11/08 09:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	50000	2100	160000
Toluene	660	220000	2500	820000
Ethyl Benzene	660	46000	2900	200000
m,p-Xylene	660	140000	2900	610000
o-Xylene	660	55000	2900	240000
Tetrachloroethene	660	Not Detected	4500	Not Detected
Trichloroethene	660	Not Detected	3600	Not Detected
1,2,4-Trimethylbenzene	660	24000	3300	120000
1,3,5-Trimethylbenzene	660	8600	3300	42000
TPH ref. to Gasoline (MW=100)	13000	7600000	54000	31000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801134-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011106c**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/11/08 02:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801134-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/11/08 11:18 AM**	

Compound	**%Recovery**
Benzene	116
Toluene	112
Ethyl Benzene	113
m,p-Xylene	112
o-Xylene	112
Tetrachloroethene	108
Trichloroethene	114
1,2,4-Trimethylbenzene	116
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801134-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/11/08 12:05 PM**	

Compound	**%Recovery**
Benzene	114
Toluene	113
Ethyl Benzene	108
m,p-Xylene	107
o-Xylene	106
Tetrachloroethene	105
Trichloroethene	112
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Mike Nesky
Collected by: (Print and Sign) Mark Hammer / Mark Hammer
Company: LFR Email: MICHAEL.NESKY@LFR.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002215/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-011008-EFF	24488	1/10/08	1450	TO 15 MOD + TPH	-28.0	Ø		
02A	VSP-3-011008-MID CAR	31438	↓	1458	↓	-28.0	Ø		
03A	VSP-3D-011008-MID CAR	34724	↓	1458	↓	-28.0	Ø		
04A	VSP-2-011008-POST OX	33655	↓	1510	↓	-27.5	Ø		
05A	VSP-1-011008-INF	TED	↓	1522	↓				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	1/10/08 1540	FEDEX	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregson AIR	1/11/08 850
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8569 5352 3622	NA	Good	Yes No (None)	0801134

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801157

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002215/007 SILVERCROFT
DATE RECEIVED:	01/12/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/15/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-011108-EFF	Modified TO-15	3.0 "Hg	5 psi
02A	VSP-3-011108-MID CAR	Modified TO-15	2.5 "Hg	5 psi
03A	VSP-2-011108-POST OX	Modified TO-15	3.0 "Hg	5 psi
04A	VSP-2D-011108-POST OX	Modified TO-15	3.0 "Hg	5 psi
04AA	VSP-2D-011108-POST OX Lab Duplicate	Modified TO-15	3.0 "Hg	5 psi
05A	VSP-1-011108-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 01/15/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0801157

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on January 12, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-011108-EFF

Lab ID#: 0801157-01A

No Detections Were Found.

Client Sample ID: VSP-3-011108-MID CAR

Lab ID#: 0801157-02A

No Detections Were Found.

Client Sample ID: VSP-2-011108-POST OX

Lab ID#: 0801157-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	20	61	82

Client Sample ID: VSP-2D-011108-POST OX

Lab ID#: 0801157-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	19	61	78

Client Sample ID: VSP-2D-011108-POST OX Lab Duplicate

Lab ID#: 0801157-04AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	29	61	120

Client Sample ID: VSP-1-011108-INF

Lab ID#: 0801157-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	34000	1600	110000
Toluene	500	140000	1900	530000
Ethyl Benzene	500	30000	2200	130000
m,p-Xylene	500	90000	2200	390000
o-Xylene	500	35000	2200	150000
1,2,4-Trimethylbenzene	500	16000	2400	77000
1,3,5-Trimethylbenzene	500	5700	2400	28000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-011108-INF

Lab ID#: 0801157-05A

TPH ref. to Gasoline (MW=100)	10000	5500000	41000	22000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-011108-EFF

Lab ID#: 0801157-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011308**	**Date of Collection:**	**1/11/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**1/13/08 02:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	61	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-011108-MID CAR

Lab ID#: 0801157-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011309**	**Date of Collection:**	**1/11/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/13/08 03:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-011108-POST OX

Lab ID#: 0801157-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011307**	**Date of Collection:**	**1/11/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**1/13/08 01:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	20	61	82

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-011108-POST OX

Lab ID#: 0801157-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011310**	**Date of Collection:**	**1/11/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**1/13/08 03:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	19	61	78

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-011108-POST OX Lab Duplicate

Lab ID#: 0801157-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011311**	**Date of Collection:**	**1/11/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**1/13/08 04:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	29	61	120

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-011108-INF

Lab ID#: 0801157-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011306**	**Date of Collection:**	**1/11/08**
Dil. Factor:	**1000**	**Date of Analysis:**	**1/13/08 12:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	34000	1600	110000
Toluene	500	140000	1900	530000
Ethyl Benzene	500	30000	2200	130000
m,p-Xylene	500	90000	2200	390000
o-Xylene	500	35000	2200	150000
Tetrachloroethene	500	Not Detected	3400	Not Detected
Trichloroethene	500	Not Detected	2700	Not Detected
1,2,4-Trimethylbenzene	500	16000	2400	77000
1,3,5-Trimethylbenzene	500	5700	2400	28000
TPH ref. to Gasoline (MW=100)	10000	5500000	41000	22000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801157-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/13/08 11:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801157-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/13/08 09:12 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	105
Ethyl Benzene	108
m,p-Xylene	107
o-Xylene	106
Tetrachloroethene	108
Trichloroethene	111
1,2,4-Trimethylbenzene	110
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801157-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7011304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/13/08 10:29 AM**	

Compound	**%Recovery**
Benzene	115
Toluene	115
Ethyl Benzene	109
m,p-Xylene	107
o-Xylene	106
Tetrachloroethene	109
Trichloroethene	114
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

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(916) 985-1000 FAX (916) 985-1020

Project Manager Mike Nesky
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company LFR Email michael.nesky@lfr.com
Address 14201 N 87th ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax

Project Info:
P.O. #
Project # 014-1002215/007
Project Name SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-011108-EFF	23996	1/11/08	1516	TO 15 MOD + TPH	-28.0	Ø		
02A	VSP-3-011108-MID CAR	4374	↓	1523	↓	-28.0	Ø		
03A	VSP-2-011108-POST OX	33579		1530		-28.0	Ø		
04A	VSP-2D 011108-POST OX	33963		1530		-28.0	Ø		
05A	VSP-1-011108-INF	FEA		1535					

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	1/11/08 1550	FEDEX	1/11/08
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible]	1/12/08
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Felex		MA	good	Yes No None	0801157

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801282

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	0141002215/007 Silvercroft
DATE RECEIVED:	01/18/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/21/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-011608-EFF	Modified TO-15	2.5 "Hg	5 psi
02A	VSP-4D-011608-EFF	Modified TO-15	2.5 "Hg	5 psi
03A	VSP-3-011608-MID CAR	Modified TO-15	2.5 "Hg	5 psi
04A	VSP-2-011608-POST OX	Modified TO-15	2.5 "Hg	5 psi
05A	VSP-1-011608-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
05AA	VSP-1-011608-INF Lab Duplicate	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 01/21/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0801282

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on January 18, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample VSP-1-011608-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-011608-EFF

Lab ID#: 0801282-01A

No Detections Were Found.

Client Sample ID: VSP-4D-011608-EFF

Lab ID#: 0801282-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	16	60	65

Client Sample ID: VSP-3-011608-MID CAR

Lab ID#: 0801282-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	20	60	82

Client Sample ID: VSP-2-011608-POST OX

Lab ID#: 0801282-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	18	60	74

Client Sample ID: VSP-1-011608-INF

Lab ID#: 0801282-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1000	29000	3200	93000
Toluene	1000	100000	3800	400000
Ethyl Benzene	1000	14000	4300	61000
m,p-Xylene	1000	41000	4300	180000
o-Xylene	1000	15000	4300	66000
1,2,4-Trimethylbenzene	1000	5000	4900	25000
1,3,5-Trimethylbenzene	1000	1800	4900	8800
TPH ref. to Gasoline (MW=100)	20000	3500000	82000	14000000

Client Sample ID: VSP-1-011608-INF Lab Duplicate

Lab ID#: 0801282-05AA

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-011608-INF Lab Duplicate

Lab ID#: 0801282-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	4000	29000	13000	92000
Toluene	4000	100000	15000	380000
Ethyl Benzene	4000	14000	17000	63000
m,p-Xylene	4000	44000	17000	190000
o-Xylene	4000	16000	17000	69000
1,2,4-Trimethylbenzene	4000	6200	20000	31000
TPH ref. to Gasoline (MW=100)	80000	3200000	330000	13000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-011608-EFF

Lab ID#: 0801282-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011808**	**Date of Collection:**	**1/16/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/18/08 03:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-011608-EFF

Lab ID#: 0801282-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011810**	**Date of Collection:**	**1/16/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/18/08 04:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	16	60	65

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-011608-MID CAR

Lab ID#: 0801282-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011811**	**Date of Collection:**	**1/16/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/18/08 04:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	20	60	82

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-011608-POST OX

Lab ID#: 0801282-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011812**	**Date of Collection:**	**1/16/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**1/18/08 05:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	18	60	74

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-011608-INF

Lab ID#: 0801282-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011814**	**Date of Collection:**	**1/16/08**
Dil. Factor:	**2000**	**Date of Analysis:**	**1/18/08 06:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1000	29000	3200	93000
Toluene	1000	100000	3800	400000
Ethyl Benzene	1000	14000	4300	61000
m,p-Xylene	1000	41000	4300	180000
o-Xylene	1000	15000	4300	66000
Tetrachloroethene	1000	Not Detected	6800	Not Detected
Trichloroethene	1000	Not Detected	5400	Not Detected
1,2,4-Trimethylbenzene	1000	5000	4900	25000
1,3,5-Trimethylbenzene	1000	1800	4900	8800
TPH ref. to Gasoline (MW=100)	20000	3500000	82000	14000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-011608-INF Lab Duplicate

Lab ID#: 0801282-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011813**	**Date of Collection:**	**1/16/08**
Dil. Factor:	**8000**	**Date of Analysis:**	**1/18/08 06:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	4000	29000	13000	92000
Toluene	4000	100000	15000	380000
Ethyl Benzene	4000	14000	17000	63000
m,p-Xylene	4000	44000	17000	190000
o-Xylene	4000	16000	17000	69000
Tetrachloroethene	4000	Not Detected	27000	Not Detected
Trichloroethene	4000	Not Detected	21000	Not Detected
1,2,4-Trimethylbenzene	4000	6200	20000	31000
1,3,5-Trimethylbenzene	4000	Not Detected	20000	Not Detected
TPH ref. to Gasoline (MW=100)	80000	3200000	330000	13000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801282-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011805**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/18/08 11:56 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801282-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011802**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 1/18/08 09:01 AM**

Compound	**%Recovery**
Benzene	92
Toluene	94
Ethyl Benzene	97
m,p-Xylene	94
o-Xylene	98
Tetrachloroethene	98
Trichloroethene	93
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801282-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1011803**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 1/18/08 09:52 AM**

Compound	**%Recovery**
Benzene	86
Toluene	91
Ethyl Benzene	91
m,p-Xylene	86
o-Xylene	92
Tetrachloroethene	93
Trichloroethene	89
1,2,4-Trimethylbenzene	93
1,3,5-Trimethylbenzene	91
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	103	70-130

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(916) 985-1000 FAX (916) 985-1020

Project Manager: MIKE NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: LFR Email: MICHAEL.NESKY@LFR.COM
Address: 8201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 965-9311 Fax:

Project Info:
P.O. #:
Project #: 014/062215/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only/ Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-011608-EFF	947	1/16/08	1955	TO15 MOD + TPH	-28.0	Ø		
02A	VSP-4D-011608-EFF	35987	↓	1955	↓	-28.0	Ø		
03A	VSP-3-011608-MID CAR	4337	↓	2008	↓	-28.0	Ø		
04A	VSP-2-011608-POST OX	4292	↓	2015	↓	-28.0	Ø		
05A	VSP-1-011608-INF	TEA	↓	2021	↓				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	1/17/08 1245	Kinkds FED EX	1/17/08 1245
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregsen ATL	1/18/08 850
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8885352340 9	NA	Good	Yes No None	0801282

Form 1298 rev. 1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0801461

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15 KMEP/Silvercroft
DATE RECEIVED:	01/28/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/29/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-12408-Eff	Modified TO-15	3.0 "Hg	5 psi
02A	VSP-3-12408-Midcar	Modified TO-15	3.5 "Hg	5 psi
03A	VSP-2-12408-Post ox	Modified TO-15	5.5 "Hg	5 psi
04A	Sil-12408-Pos dillution	Modified TO-15	4.0 "Hg	5 psi
05A	VSP-1-12408-Inf	Modified TO-15	5.5 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 01/29/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0801461

Five 6 Liter Summa Canister samples were received on January 28, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The peaks that were included in the TPH gasoline calculation for samples VSP-4-12408-Eff, VSP-3-12408-Midcar and VSP-2-12408-Post ox were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-12408-Eff

Lab ID#: 0801461-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	0.85	2.4	2.7
TPH ref. to Gasoline (MW=100)	15	100	61	410

Client Sample ID: VSP-3-12408-Midcar

Lab ID#: 0801461-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	62	62	250

Client Sample ID: VSP-2-12408-Post ox

Lab ID#: 0801461-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	35	67	140

Client Sample ID: Sil-12408-Pos dillution

Lab ID#: 0801461-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	780	27000	2500	87000
Toluene	780	91000	2900	340000
Ethyl Benzene	780	14000	3400	59000
m,p-Xylene	780	41000	3400	180000
o-Xylene	780	14000	3400	62000
1,2,4-Trimethylbenzene	780	4700	3800	23000
1,3,5-Trimethylbenzene	780	1800	3800	8800
TPH ref. to Gasoline (MW=100)	16000	3500000	63000	14000000

Client Sample ID: VSP-1-12408-Inf

Lab ID#: 0801461-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	820	53000	2600	170000
Toluene	820	250000	3100	940000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-12408-Inf

Lab ID#: 0801461-05A

Ethyl Benzene	820	39000	3600	170000
m,p-Xylene	820	120000	3600	540000
o-Xylene	820	44000	3600	190000
1,2,4-Trimethylbenzene	820	17000	4000	86000
1,3,5-Trimethylbenzene	820	6400	4000	32000
TPH ref. to Gasoline (MW=100)	16000	6200000	67000	25000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-12408-Eff

Lab ID#: 0801461-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012808**	**Date of Collection:**	**1/24/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**1/28/08 06:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	0.85	2.4	2.7
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	100	61	410

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-12408-Midcar

Lab ID#: 0801461-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012809**	**Date of Collection:**	**1/24/08**
Dil. Factor:	**1.52**	**Date of Analysis:**	**1/28/08 07:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	62	62	250

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-12408-Post ox

Lab ID#: 0801461-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012810**	**Date of Collection:**	**1/24/08**
Dil. Factor:	**1.64**	**Date of Analysis:**	**1/28/08 07:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.82	Not Detected	2.6	Not Detected
Toluene	0.82	Not Detected	3.1	Not Detected
Ethyl Benzene	0.82	Not Detected	3.6	Not Detected
m,p-Xylene	0.82	Not Detected	3.6	Not Detected
o-Xylene	0.82	Not Detected	3.6	Not Detected
Tetrachloroethene	0.82	Not Detected	5.6	Not Detected
Trichloroethene	0.82	Not Detected	4.4	Not Detected
1,2,4-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	35	67	140

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Sil-12408-Pos dillution

Lab ID#: 0801461-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012812**	**Date of Collection:**	**1/24/08**
Dil. Factor:	**1550**	**Date of Analysis:**	**1/28/08 09:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	780	27000	2500	87000
Toluene	780	91000	2900	340000
Ethyl Benzene	780	14000	3400	59000
m,p-Xylene	780	41000	3400	180000
o-Xylene	780	14000	3400	62000
Tetrachloroethene	780	Not Detected	5200	Not Detected
Trichloroethene	780	Not Detected	4200	Not Detected
1,2,4-Trimethylbenzene	780	4700	3800	23000
1,3,5-Trimethylbenzene	780	1800	3800	8800
TPH ref. to Gasoline (MW=100)	16000	3500000	63000	14000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-12408-Inf

Lab ID#: 0801461-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012813**	**Date of Collection:**	**1/24/08**
Dil. Factor:	**1640**	**Date of Analysis:**	**1/28/08 10:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	820	53000	2600	170000
Toluene	820	250000	3100	940000
Ethyl Benzene	820	39000	3600	170000
m,p-Xylene	820	120000	3600	540000
o-Xylene	820	44000	3600	190000
Tetrachloroethene	820	Not Detected	5600	Not Detected
Trichloroethene	820	Not Detected	4400	Not Detected
1,2,4-Trimethylbenzene	820	17000	4000	86000
1,3,5-Trimethylbenzene	820	6400	4000	32000
TPH ref. to Gasoline (MW=100)	16000	6200000	67000	25000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0801461-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/28/08 04:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0801461-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/28/08 10:26 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	99
Ethyl Benzene	100
m,p-Xylene	96
o-Xylene	98
Tetrachloroethene	95
Trichloroethene	99
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0801461-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1012803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/28/08 12:00 PM**	

Compound	**%Recovery**
Benzene	88
Toluene	91
Ethyl Benzene	86
m,p-Xylene	85
o-Xylene	87
Tetrachloroethene	86
Trichloroethene	86
1,2,4-Trimethylbenzene	83
1,3,5-Trimethylbenzene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

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Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Douglas Fisher
Company: LFR Inc Email: michael.nesky@lfr.com
Address: 4201 N 87th st S135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 014-10022-15
Project Name: KMEP/Silvercrest

Turn Around Time:
☐ Normal
☒ Rush 24 Hr (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-12408-EFF	01356	1/24/08	1427	TO-15 mod + TPH	28" Hg	0"		
02A	VSP-3-12408-midcor	33934		1428		28" Hg	2"		
03A	VSP-2-12408-Post ox	33568		1429		28" Hg	3.5		
04A	DSF Sil-12408-Pos dilution	05408		1430		28" Hg	1.0"		
05A	VSP-1-12408-Inf	9422		1431		28.0 Hg	4.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Douglas Fisher	1/25/08 1532	[illegible]	01/28/09.
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
Sample VSP-4-12408-EFF only dropped 1" so removed regulator & took sample

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		n2	Good	Yes No None	0801461

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0802034

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-10022-15 KMEP/Silvercroft
DATE RECEIVED:	02/02/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	02/05/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-13108-Eff	Modified TO-15	5.5 "Hg	5 psi
02A	VSP-3-13108-midcar	Modified TO-15	6.5 "Hg	5 psi
03A	VSP-2-13108-Post ox	Modified TO-15	7.5 "Hg	5 psi
04A	Sil-13108-Post dill.	Modified TO-15	6.5 "Hg	5 psi
05A(cancelled)	VSP-1-13108-Inf	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 02/05/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0802034

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on February 02, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Tedlar bag for sample VSP-1-13108-Inf arrived flat. The client was notified that analysis was not possible.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-13108-Eff

Lab ID#: 0802034-01A

No Detections Were Found.

Client Sample ID: VSP-3-13108-midcar

Lab ID#: 0802034-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	17	21	70	86

Client Sample ID: VSP-2-13108-Post ox

Lab ID#: 0802034-03A

No Detections Were Found.

Client Sample ID: Sil-13108-Post dill.

Lab ID#: 0802034-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	680	42000	2200	130000
Toluene	680	140000	2600	530000
Ethyl Benzene	680	25000	3000	110000
m,p-Xylene	680	85000	3000	370000
o-Xylene	680	31000	3000	140000
1,2,4-Trimethylbenzene	680	16000	3400	77000
1,3,5-Trimethylbenzene	680	5300	3400	26000
TPH ref. to Gasoline (MW=100)	14000	4800000	56000	20000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-13108-Eff

Lab ID#: 0802034-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020307**	**Date of Collection:**	**1/31/08**
Dil. Factor:	**1.64**	**Date of Analysis:**	**2/3/08 06:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.82	Not Detected	2.6	Not Detected
Toluene	0.82	Not Detected	3.1	Not Detected
Ethyl Benzene	0.82	Not Detected	3.6	Not Detected
m,p-Xylene	0.82	Not Detected	3.6	Not Detected
o-Xylene	0.82	Not Detected	3.6	Not Detected
Tetrachloroethene	0.82	Not Detected	5.6	Not Detected
Trichloroethene	0.82	Not Detected	4.4	Not Detected
1,2,4-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	67	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-13108-midcar

Lab ID#: 0802034-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020308**	**Date of Collection:**	**1/31/08**
Dil. Factor:	**1.71**	**Date of Analysis:**	**2/3/08 07:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.86	Not Detected	2.7	Not Detected
Toluene	0.86	Not Detected	3.2	Not Detected
Ethyl Benzene	0.86	Not Detected	3.7	Not Detected
m,p-Xylene	0.86	Not Detected	3.7	Not Detected
o-Xylene	0.86	Not Detected	3.7	Not Detected
Tetrachloroethene	0.86	Not Detected	5.8	Not Detected
Trichloroethene	0.86	Not Detected	4.6	Not Detected
1,2,4-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
TPH ref. to Gasoline (MW=100)	17	21	70	86

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-13108-Post ox

Lab ID#: 0802034-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020309**	**Date of Collection:**	**1/31/08**
Dil. Factor:	**1.79**	**Date of Analysis:**	**2/3/08 08:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	Not Detected	2.8	Not Detected
Toluene	0.90	Not Detected	3.4	Not Detected
Ethyl Benzene	0.90	Not Detected	3.9	Not Detected
m,p-Xylene	0.90	Not Detected	3.9	Not Detected
o-Xylene	0.90	Not Detected	3.9	Not Detected
Tetrachloroethene	0.90	Not Detected	6.1	Not Detected
Trichloroethene	0.90	Not Detected	4.8	Not Detected
1,2,4-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
TPH ref. to Gasoline (MW=100)	18	Not Detected	73	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Sil-13108-Post dill.

Lab ID#: 0802034-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020313**	**Date of Collection:**	**1/31/08**
Dil. Factor:	**1370**	**Date of Analysis:**	**2/3/08 11:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	680	42000	2200	130000
Toluene	680	140000	2600	530000
Ethyl Benzene	680	25000	3000	110000
m,p-Xylene	680	85000	3000	370000
o-Xylene	680	31000	3000	140000
Tetrachloroethene	680	Not Detected	4600	Not Detected
Trichloroethene	680	Not Detected	3700	Not Detected
1,2,4-Trimethylbenzene	680	16000	3400	77000
1,3,5-Trimethylbenzene	680	5300	3400	26000
TPH ref. to Gasoline (MW=100)	14000	4800000	56000	20000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0802034-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/08 04:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0802034-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/08 03:01 PM**	

Compound	**%Recovery**
Benzene	119
Toluene	113
Ethyl Benzene	112
m,p-Xylene	116
o-Xylene	118
Tetrachloroethene	109
Trichloroethene	113
1,2,4-Trimethylbenzene	128
1,3,5-Trimethylbenzene	124
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0802034-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t020303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/08 03:47 PM**	

Compound	**%Recovery**
Benzene	119
Toluene	117
Ethyl Benzene	108
m,p-Xylene	111
o-Xylene	114
Tetrachloroethene	109
Trichloroethene	112
1,2,4-Trimethylbenzene	120
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	95	70-130

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CHAIN-OF-CUSTODY RECORD

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Project Manager: Michael Nosky
Collected by: (Print and Sign) Doug Fisher / Douglas Fisher
Company: LFR Inc Email: michael.nosky@lfr.com
Address: 14201 N 87th St S135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 014-10082-15
Project Name: KMEP/silvercloud

Turn Around Time:
☐ Normal
☑ Rush 24 Hr (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-13108-Ess	25315	1/31/08	1501	To-15 (Mod)+TPH	28.0"	4.5"		
02A	VSP-3-13108-midcar	33929		1503		28.0	5.0"		
03A	VSP-2-13108-Postox	02978		1505		26.0"	4.0"		
04A	Sil-13108-Post dill.	20948		1506		28.0"	7.5"		
05A	VSP-1-13108-Ins	Tedlarbag	2/1/08	1500					

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Douglas Fisher	2/1/08 1541	Mark Hammer	2/1/08 1541
Mark Hammer	2/1/08 1628	FedEx	
		[illegible]	2/2/08 1025

Notes:

Lab Use Only: Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
FedEx	856953523501	NA	good	Yes No None	0802034

Phone

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0802135

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-10022-15-007 KMEP/Silvercroft
DATE RECEIVED:	02/07/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	02/14/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-2608-Eff	Modified TO-15	1.5 "Hg	5 psi
02A	VSP-3-2608-mid car.	Modified TO-15	4.0 "Hg	5 psi
03A	VSP-2-2608-Post ox	Modified TO-15	1.5 "Hg	5 psi
04A	VSP-1B-2608-Post dil.	Modified TO-15	Tedlar Bag	Tedlar Bag
05A	VSP-4-2608-Eff-Dup	Modified TO-15	5.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 02/14/08

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0802135

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on February 07, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample VSP-4-2608-Eff did not match the entry on the sample tag with regard to sample identification. The information on the COC was used to process and report the sample.

Analytical Notes

Sample VSP-1B-2608-Post dil. was transferred from Tedlar bag into a summa canister to extend the hold time from 72 hours to 14 days. Canister pressurization resulted in a dilution factor which was applied to all analytical results.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-2608-Eff

Lab ID#: 0802135-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.70	0.95	2.6	3.6
m,p-Xylene	0.70	0.88	3.1	3.8
TPH ref. to Gasoline (MW=100)	14	88	58	360

Client Sample ID: VSP-3-2608-mid car.

Lab ID#: 0802135-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	21	63	87

Client Sample ID: VSP-2-2608-Post ox

Lab ID#: 0802135-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.70	2.6	2.6	9.7
Ethyl Benzene	0.70	1.0	3.1	4.5
m,p-Xylene	0.70	4.2	3.1	18
o-Xylene	0.70	1.8	3.1	7.9
1,2,4-Trimethylbenzene	0.70	2.6	3.5	13
1,3,5-Trimethylbenzene	0.70	2.0	3.5	10
TPH ref. to Gasoline (MW=100)	14	240	58	1000

Client Sample ID: VSP-1B-2608-Post dil.

Lab ID#: 0802135-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	560	36000	1800	110000
Toluene	560	150000	2100	580000
Ethyl Benzene	560	41000	2400	180000
m,p-Xylene	560	120000	2400	540000
o-Xylene	560	50000	2400	220000
Tetrachloroethene	560	240	3800	1700 J
1,2,4-Trimethylbenzene	560	21000	2800	100000
1,3,5-Trimethylbenzene	560	7400	2800	36000
TPH ref. to Gasoline (MW=100)	11000	7000000	46000	28000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-2608-Eff-Dup

Lab ID#: 0802135-05A

No Detections Were Found.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-2608-Eff

Lab ID#: 0802135-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020809**	**Date of Collection:**	**2/6/08**
Dil. Factor:	**1.41**	**Date of Analysis:**	**2/8/08 02:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	0.95	2.6	3.6
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	0.88	3.1	3.8
o-Xylene	0.70	Not Detected	3.1	Not Detected
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	88	58	360

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-2608-mid car.

Lab ID#: 0802135-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020810**	**Date of Collection:**	**2/6/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**2/8/08 02:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	21	63	87

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-2608-Post ox

Lab ID#: 0802135-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020811**	**Date of Collection:**	**2/6/08**
Dil. Factor:	**1.41**	**Date of Analysis:**	**2/8/08 03:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	2.6	2.6	9.7
Ethyl Benzene	0.70	1.0	3.1	4.5
m,p-Xylene	0.70	4.2	3.1	18
o-Xylene	0.70	1.8	3.1	7.9
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	2.6	3.5	13
1,3,5-Trimethylbenzene	0.70	2.0	3.5	10
TPH ref. to Gasoline (MW=100)	14	240	58	1000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1B-2608-Post dil.

Lab ID#: 0802135-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**c021028**	**Date of Collection:**	**2/6/08**
Dil. Factor:	**112**	**Date of Analysis:**	**2/11/08 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	560	36000	1800	110000
Toluene	560	150000	2100	580000
Ethyl Benzene	560	41000	2400	180000
m,p-Xylene	560	120000	2400	540000
o-Xylene	560	50000	2400	220000
Tetrachloroethene	560	240	3800	1700 J
Trichloroethene	560	Not Detected	3000	Not Detected
1,2,4-Trimethylbenzene	560	21000	2800	100000
1,3,5-Trimethylbenzene	560	7400	2800	36000
TPH ref. to Gasoline (MW=100)	11000	7000000	46000	28000000

J = Estimated value.

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	89	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-2608-Eff-Dup

Lab ID#: 0802135-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020812**	**Date of Collection:**	**2/6/08**
Dil. Factor:	**1.61**	**Date of Analysis:**	**2/8/08 04:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	66	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0802135-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/08 11:58 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0802135-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**c021006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/10/08 10:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0802135-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/08 10:17 AM**	

Compound	**%Recovery**
Benzene	87
Toluene	89
Ethyl Benzene	91
m,p-Xylene	96
o-Xylene	93
Tetrachloroethene	101
Trichloroethene	96
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0802135-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**c021004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/10/08 09:14 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	92
Ethyl Benzene	92
m,p-Xylene	92
o-Xylene	95
Tetrachloroethene	101
Trichloroethene	95
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	91
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0802135-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5020803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/08 09:37 AM**	

Compound	**%Recovery**
Benzene	86
Toluene	91
Ethyl Benzene	88
m,p-Xylene	93
o-Xylene	89
Tetrachloroethene	95
Trichloroethene	92
1,2,4-Trimethylbenzene	93
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0802135-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**c021005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/10/08 09:43 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	94
Ethyl Benzene	105
m,p-Xylene	106
o-Xylene	107
Tetrachloroethene	113
Trichloroethene	98
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0802303

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-10022-15-007 KMEP/Silvercroft
DATE RECEIVED:	02/15/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	02/25/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-21408-Eff	Modified TO-15	2.0 "Hg	5 psi
02A	VSP-3-21408-Midcarb	Modified TO-15	2.0 "Hg	5 psi
03A	VSP-2-21408-Postox	Modified TO-15	4.0 "Hg	5 psi
03AA	VSP-2-21408-Postox Lab Duplicate	Modified TO-15	4.0 "Hg	5 psi
04A	VSP-1B-21408-Posdil	Modified TO-15	Tedlar Bag	Tedlar Bag
05A	Lab Blank	Modified TO-15	NA	NA
05B	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
06B	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 02/25/08

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0802303

Three 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on February 15, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample VSP-2-21408-Postox did not match the entry on the sample tag with regard to sample identification. The information on the COC was used to process and report the sample.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-21408-Eff

Lab ID#: 0802303-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	110	59	450

Client Sample ID: VSP-3-21408-Midcarb

Lab ID#: 0802303-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	150	59	600

Client Sample ID: VSP-2-21408-Postox

Lab ID#: 0802303-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.78	0.96	2.9	3.6
TPH ref. to Gasoline (MW=100)	16	40	63	160

Client Sample ID: VSP-2-21408-Postox Lab Duplicate

Lab ID#: 0802303-03AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.78	1.0	2.9	3.8
TPH ref. to Gasoline (MW=100)	16	36	63	150

Client Sample ID: VSP-1B-21408-Posdil

Lab ID#: 0802303-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1000	44000	3200	140000
Toluene	1000	180000	3800	660000
Ethyl Benzene	1000	33000	4300	140000
m,p-Xylene	1000	110000	4300	500000
o-Xylene	1000	45000	4300	190000
Tetrachloroethene	1000	2400	6800	16000
Trichloroethene	1000	1000	5400	5400
1,2,4-Trimethylbenzene	1000	20000	4900	98000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1B-21408-Posdil

Lab ID#: 0802303-04A

1,3,5-Trimethylbenzene	1000	7300	4900	36000
TPH ref. to Gasoline (MW=100)	20000	6800000	82000	28000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-21408-Eff

Lab ID#: 0802303-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021815**	**Date of Collection:**	**2/14/08**
Dil. Factor:	**1.44**	**Date of Analysis:**	**2/18/08 05:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	Not Detected	2.3	Not Detected
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	110	59	450

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-21408-Midcarb

Lab ID#: 0802303-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021816**	**Date of Collection:**	**2/14/08**
Dil. Factor:	**1.44**	**Date of Analysis:**	**2/18/08 06:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	Not Detected	2.3	Not Detected
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	150	59	600

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-21408-Postox

Lab ID#: 0802303-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021817**	**Date of Collection:**	**2/14/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**2/18/08 06:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	0.96	2.9	3.6
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	40	63	160

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-21408-Postox Lab Duplicate

Lab ID#: 0802303-03AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021818**	**Date of Collection:**	**2/14/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**2/18/08 07:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	1.0	2.9	3.8
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	36	63	150

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1B-21408-Posdil

Lab ID#: 0802303-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021515**	**Date of Collection:**	**2/14/08**
Dil. Factor:	**2000**	**Date of Analysis:**	**2/15/08 10:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1000	44000	3200	140000
Toluene	1000	180000	3800	660000
Ethyl Benzene	1000	33000	4300	140000
m,p-Xylene	1000	110000	4300	500000
o-Xylene	1000	45000	4300	190000
Tetrachloroethene	1000	2400	6800	16000
Trichloroethene	1000	1000	5400	5400
1,2,4-Trimethylbenzene	1000	20000	4900	98000
1,3,5-Trimethylbenzene	1000	7300	4900	36000
TPH ref. to Gasoline (MW=100)	20000	6800000	82000	28000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0802303-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/15/08 11:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0802303-05B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/18/08 11:03 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0802303-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/15/08 08:58 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	99
Ethyl Benzene	102
m,p-Xylene	103
o-Xylene	103
Tetrachloroethene	97
Trichloroethene	101
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0802303-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/18/08 07:54 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	103
Ethyl Benzene	106
m,p-Xylene	106
o-Xylene	107
Tetrachloroethene	102
Trichloroethene	109
1,2,4-Trimethylbenzene	110
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0802303-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/15/08 09:44 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	103
Ethyl Benzene	99
m,p-Xylene	102
o-Xylene	103
Tetrachloroethene	98
Trichloroethene	102
1,2,4-Trimethylbenzene	102
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0802303-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7021803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/18/08 08:52 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	105
Ethyl Benzene	104
m,p-Xylene	105
o-Xylene	107
Tetrachloroethene	102
Trichloroethene	106
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.

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Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Doug Fisher / Doug Fisher
Company: LFR Inc Email:
Address: 14201 N. 87th St #135 City: Scottsdale State: AZ Zip: 85260
Phone: (480) 905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 04-10022-15-007
Project Name: KMEP/Silvercrest

Turn Around Time:
☐ Normal
☑ Rush 5 day (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
01A	VSP-4-21408-EGS	01598	2/14/08	1324	TO-15 Mod + TPH	27.5	0"		
02A	VSP-3-21408-Midcarb	02224		1330		28.0	0"		
	~~VSP-3-21408-midcarbD~~					0	0		
03A	VSP-2-21408-Postox	34755		1358		22.5"	1.0"		
04A	VSP-1B-21408-Posdil	Tedlar bag		1406		N/A	N/A		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Douglas Fisher	2/14/08 1415	Monica Gregson AL	2/15/08 855
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
No Vacuum in can # 21075, Not used.

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8569 5352 3589	MA	Good	Yes No None	0802303

Form 1292 rev. 1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0802513

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014.10022-15 KMEP/Silvercroft
DATE RECEIVED:	02/26/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	02/29/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-3-22208-Midcar	Modified TO-15	9.0 "Hg	15 psi
02A	VSP-3-22208-Midcar dup	Modified TO-15	8.5 "Hg	15 psi
03A	VSP-4-22208-Eff	Modified TO-15	9.0 "Hg	15 psi
04A	VSP-2-22208-Post ox	Modified TO-15	10.5 "Hg	15 psi
05A	VSP-1B-22208-Post dil.	Modified TO-15	10.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 02/29/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0802513

Five 1 Liter Summa Canister samples were received on February 26, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-3-22208-Midcar

Lab ID#: 0802513-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.4	4.8	5.4	18
m,p-Xylene	1.4	3.1	6.3	13

Client Sample ID: VSP-3-22208-Midcar dup

Lab ID#: 0802513-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.4	3.2	5.3	12
m,p-Xylene	1.4	2.4	6.1	10

Client Sample ID: VSP-4-22208-Eff

Lab ID#: 0802513-03A

No Detections Were Found.

Client Sample ID: VSP-2-22208-Post ox

Lab ID#: 0802513-04A

No Detections Were Found.

Client Sample ID: VSP-1B-22208-Post dil.

Lab ID#: 0802513-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	810	36000	2600	110000
Toluene	810	160000	3000	580000
Ethyl Benzene	810	22000	3500	95000
m,p-Xylene	810	78000	3500	340000
o-Xylene	810	28000	3500	120000
1,2,4-Trimethylbenzene	810	10000	4000	50000
1,3,5-Trimethylbenzene	810	3800	4000	19000
TPH ref. to Gasoline (MW=100)	16000	4200000	66000	17000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-22208-Midcar

Lab ID#: 0802513-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022710**	**Date of Collection:**	**2/22/08**
Dil. Factor:	**2.89**	**Date of Analysis:**	**2/27/08 06:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.4	Not Detected	4.6	Not Detected
Toluene	1.4	4.8	5.4	18
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	3.1	6.3	13
o-Xylene	1.4	Not Detected	6.3	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
TPH ref. to Gasoline (MW=100)	29	Not Detected	120	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-22208-Midcar dup

Lab ID#: 0802513-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022711**	**Date of Collection:**	**2/22/08**
Dil. Factor:	**2.82**	**Date of Analysis:**	**2/27/08 07:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.4	Not Detected	4.5	Not Detected
Toluene	1.4	3.2	5.3	12
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	2.4	6.1	10
o-Xylene	1.4	Not Detected	6.1	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
TPH ref. to Gasoline (MW=100)	28	Not Detected	120	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-22208-Eff

Lab ID#: 0802513-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022712**	**Date of Collection:**	**2/22/08**
Dil. Factor:	**2.89**	**Date of Analysis:**	**2/27/08 07:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.4	Not Detected	4.6	Not Detected
Toluene	1.4	Not Detected	5.4	Not Detected
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	Not Detected	6.3	Not Detected
o-Xylene	1.4	Not Detected	6.3	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
TPH ref. to Gasoline (MW=100)	29	Not Detected	120	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-22208-Post ox

Lab ID#: 0802513-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022713**	**Date of Collection:**	**2/22/08**
Dil. Factor:	**3.11**	**Date of Analysis:**	**2/27/08 08:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.6	Not Detected	5.0	Not Detected
Toluene	1.6	Not Detected	5.8	Not Detected
Ethyl Benzene	1.6	Not Detected	6.8	Not Detected
m,p-Xylene	1.6	Not Detected	6.8	Not Detected
o-Xylene	1.6	Not Detected	6.8	Not Detected
Tetrachloroethene	1.6	Not Detected	10	Not Detected
Trichloroethene	1.6	Not Detected	8.4	Not Detected
1,2,4-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
1,3,5-Trimethylbenzene	1.6	Not Detected	7.6	Not Detected
TPH ref. to Gasoline (MW=100)	31	Not Detected	130	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1B-22208-Post dil.

Lab ID#: 0802513-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022716**	**Date of Collection: 2/22/08**	
Dil. Factor:	**1620**	**Date of Analysis: 2/27/08 10:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	810	36000	2600	110000
Toluene	810	160000	3000	580000
Ethyl Benzene	810	22000	3500	95000
m,p-Xylene	810	78000	3500	340000
o-Xylene	810	28000	3500	120000
Tetrachloroethene	810	Not Detected	5500	Not Detected
Trichloroethene	810	Not Detected	4400	Not Detected
1,2,4-Trimethylbenzene	810	10000	4000	50000
1,3,5-Trimethylbenzene	810	3800	4000	19000
TPH ref. to Gasoline (MW=100)	16000	4200000	66000	17000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0802513-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022705**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/27/08 11:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0802513-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/27/08 08:56 AM**	

Compound	**%Recovery**
Benzene	110
Toluene	114
Ethyl Benzene	110
m,p-Xylene	114
o-Xylene	112
Tetrachloroethene	108
Trichloroethene	112
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0802513-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t022703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/27/08 09:44 AM**	

Compound	**%Recovery**
Benzene	106
Toluene	116
Ethyl Benzene	103
m,p-Xylene	108
o-Xylene	108
Tetrachloroethene	102
Trichloroethene	106
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	102	70-130

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Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Doug Fisher / [illegible]
Company: LFR Inc
Email: michael.nesky@lfr.com
Address: 14201 N 87th St 135 City: Scottsdale State: AZ Zip: 85260
Phone: (480) 905-934 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 014-10022-15
Project Name: KMEP/Silvercraft

Turn Around Time:
☐ Normal
☑ Rush 3 Days
☐ Specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-3-22208-midcar	34667	2/22/08	11:41	TO-15 Mod + TPH	27.9	7.0"		
02A	VSP-3-22208-midcardup	001461		11:42 DSF		27.5	7.0"		
03A	VSP-4-22208-Eff	34616		11:46		28.0	7.5"		
04A	VSP-2-22208-Postox	34161		11:55		28.0	8.9"		
05A	VSP-1B-22208-Post dil.	002090		12:31 DSF		28.0	8.5"		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	2/25/08 0900	[signature]	2-25-08 0900
[signature]	2/25/08 1600	Monica Gregson ATL Labs	
			845

Notes: VSP-1B-22208-Post dil needs dilution

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		N/A	Good	Yes No None	0802513

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0803004

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216/007 Silvercroft
DATE RECEIVED:	03/03/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-022908-EFF	Modified TO-15	6.0 "Hg	15 psi
02A	VSP-3-022908-MIDCAR	Modified TO-15	6.0 "Hg	15 psi
03A	VSP-2-022908-POST OX	Modified TO-15	7.5 "Hg	15 psi
03AA	VSP-2-022908-POST OX Lab Duplicate	Modified TO-15	7.5 "Hg	15 psi
04A	VSP-2D-022908-POST OX	Modified TO-15	4.5 "Hg	15 psi
05A	VSP-1-022908-INF	Modified TO-15	6.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 03/06/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0803004

Five 1 Liter Summa Canister samples were received on March 03, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-022908-EFF

Lab ID#: 0803004-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	25	51	100	210

Client Sample ID: VSP-3-022908-MIDCAR

Lab ID#: 0803004-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	25	130	100	530

Client Sample ID: VSP-2-022908-POST OX

Lab ID#: 0803004-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.3	1.8	5.1	6.6

Client Sample ID: VSP-2-022908-POST OX Lab Duplicate

Lab ID#: 0803004-03AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.3	1.6	5.1	6.2

Client Sample ID: VSP-2D-022908-POST OX

Lab ID#: 0803004-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.2	1.9	4.5	7.1
m,p-Xylene	1.2	1.2	5.2	5.4

Client Sample ID: VSP-1-022908-INF

Lab ID#: 0803004-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	42000	1600	130000
Toluene	500	150000	1900	570000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-022908-INF

Lab ID#: 0803004-05A

Ethyl Benzene	500	22000	2200	96000
m,p-Xylene	500	92000	2200	400000
o-Xylene	500	35000	2200	150000
1,2,4-Trimethylbenzene	500	13000	2500	65000
1,3,5-Trimethylbenzene	500	5000	2500	24000
TPH ref. to Gasoline (MW=100)	10000	2200000	41000	9000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-022908-EFF

Lab ID#: 0803004-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030406**	**Date of Collection:**	**2/29/08**
Dil. Factor:	**2.53**	**Date of Analysis:**	**3/4/08 01:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	Not Detected	4.0	Not Detected
Toluene	1.3	Not Detected	4.8	Not Detected
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Tetrachloroethene	1.3	Not Detected	8.6	Not Detected
Trichloroethene	1.3	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
TPH ref. to Gasoline (MW=100)	25	51	100	210

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-022908-MIDCAR

Lab ID#: 0803004-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030407**	**Date of Collection:**	**2/29/08**
Dil. Factor:	**2.53**	**Date of Analysis:**	**3/4/08 02:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	Not Detected	4.0	Not Detected
Toluene	1.3	Not Detected	4.8	Not Detected
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Tetrachloroethene	1.3	Not Detected	8.6	Not Detected
Trichloroethene	1.3	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
TPH ref. to Gasoline (MW=100)	25	130	100	530

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-022908-POST OX

Lab ID#: 0803004-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030408**	**Date of Collection:**	**2/29/08**
Dil. Factor:	**2.69**	**Date of Analysis:**	**3/4/08 03:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	Not Detected	4.3	Not Detected
Toluene	1.3	1.8	5.1	6.6
Ethyl Benzene	1.3	Not Detected	5.8	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Tetrachloroethene	1.3	Not Detected	9.1	Not Detected
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
TPH ref. to Gasoline (MW=100)	27	Not Detected	110	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-022908-POST OX Lab Duplicate

Lab ID#: 0803004-03AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030409**	**Date of Collection:**	**2/29/08**
Dil. Factor:	**2.69**	**Date of Analysis:**	**3/4/08 04:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	Not Detected	4.3	Not Detected
Toluene	1.3	1.6	5.1	6.2
Ethyl Benzene	1.3	Not Detected	5.8	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Tetrachloroethene	1.3	Not Detected	9.1	Not Detected
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
TPH ref. to Gasoline (MW=100)	27	Not Detected	110	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-022908-POST OX

Lab ID#: 0803004-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030410**	**Date of Collection:**	**2/29/08**
Dil. Factor:	**2.38**	**Date of Analysis:**	**3/4/08 05:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	1.9	4.5	7.1
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	1.2	5.2	5.4
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	24	Not Detected	97	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-022908-INF

Lab ID#: 0803004-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030413**	**Date of Collection:**	**2/29/08**
Dil. Factor:	**1010**	**Date of Analysis:**	**3/4/08 07:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	42000	1600	130000
Toluene	500	150000	1900	570000
Ethyl Benzene	500	22000	2200	96000
m,p-Xylene	500	92000	2200	400000
o-Xylene	500	35000	2200	150000
Tetrachloroethene	500	Not Detected	3400	Not Detected
Trichloroethene	500	Not Detected	2700	Not Detected
1,2,4-Trimethylbenzene	500	13000	2500	65000
1,3,5-Trimethylbenzene	500	5000	2500	24000
TPH ref. to Gasoline (MW=100)	10000	2200000	41000	9000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0803004-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/4/08 12:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0803004-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/4/08 09:51 AM**	

Compound	**%Recovery**
Benzene	116
Toluene	113
Ethyl Benzene	114
m,p-Xylene	118
o-Xylene	117
Tetrachloroethene	111
Trichloroethene	117
1,2,4-Trimethylbenzene	122
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0803004-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7030404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/4/08 11:05 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	108
Ethyl Benzene	106
m,p-Xylene	109
o-Xylene	109
Tetrachloroethene	105
Trichloroethene	107
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: LFR Email: MICHAEL.NESKY@LFR.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 0141002216/007
Project Name: SILVERCRAFT

Turn Around Time:
☐ Normal
☒ Rush 3 DAY (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-022908-EFF	3282	2/29/08	2225	TO 15 MOD + TPH	-28.0	-4.0		
02A	VSP-3-022908-MID CAR	3258	↓	2226	↓	-27.5	-4.0		
03A	VSP-2-022908-POST OX	1433	↓	2228	↓	-28.5	-7.5		
04A	VSP-2D-022908-POST OX	9491	↓	2228	↓	-28.0	-3.5		
05A	VSP-1-022908-INF	1424	↓	2230	↓	-29.0	-6.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	3/1/08 1550	FEDEX	3/1/8 1550
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregsen ATL	3/3/08 845
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No (None)	0803004

Form 1230 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0803178

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-10022-16 KMEP/Silvercroft
DATE RECEIVED:	03/10/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/13/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-3608-Eff	Modified TO-15	7.5 "Hg	15 psi
02A	VSP-3-3608-Mid carbon	Modified TO-15	8.5 "Hg	15 psi
03A	VSP-2-3608-Post ox	Modified TO-15	6.0 "Hg	15 psi
04A	VSP-2-3608-Post ox dup	Modified TO-15	9.0 "Hg	15 psi
05A	VSP-1B-3608-Post dil	Modified TO-15	1.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 03/13/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0803178

Five 1 Liter Summa Canister samples were received on March 10, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-3608-Eff

Lab ID#: 0803178-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.3	2.0	5.1	7.7

Client Sample ID: VSP-3-3608-Mid carbon

Lab ID#: 0803178-02A

No Detections Were Found.

Client Sample ID: VSP-2-3608-Post ox

Lab ID#: 0803178-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	120	4.0	390
Toluene	1.3	5.1	4.8	19
TPH ref. to Gasoline (MW=100)	25	160	100	630

Client Sample ID: VSP-2-3608-Post ox dup

Lab ID#: 0803178-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.4	180	4.6	570
TPH ref. to Gasoline (MW=100)	29	180	120	720

Client Sample ID: VSP-1B-3608-Post dil

Lab ID#: 0803178-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	58	3600	180	12000
Toluene	58	16000	220	61000
Ethyl Benzene	58	3000	250	13000
m,p-Xylene	58	13000	250	56000
o-Xylene	58	5200	250	23000
1,2,4-Trimethylbenzene	58	2600	280	13000
1,3,5-Trimethylbenzene	58	860	280	4200
TPH ref. to Gasoline (MW=100)	1200	160000	4700	650000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-3608-Eff

Lab ID#: 0803178-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031111**	**Date of Collection:**	**3/6/08**
Dil. Factor:	**2.69**	**Date of Analysis:**	**3/11/08 06:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	Not Detected	4.3	Not Detected
Toluene	1.3	2.0	5.1	7.7
Ethyl Benzene	1.3	Not Detected	5.8	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Tetrachloroethene	1.3	Not Detected	9.1	Not Detected
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
TPH ref. to Gasoline (MW=100)	27	Not Detected	110	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-3608-Mid carbon

Lab ID#: 0803178-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031112**	**Date of Collection:**	**3/6/08**
Dil. Factor:	**2.82**	**Date of Analysis:**	**3/11/08 07:23 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.4	Not Detected	4.5	Not Detected
Toluene	1.4	Not Detected	5.3	Not Detected
Ethyl Benzene	1.4	Not Detected	6.1	Not Detected
m,p-Xylene	1.4	Not Detected	6.1	Not Detected
o-Xylene	1.4	Not Detected	6.1	Not Detected
Tetrachloroethene	1.4	Not Detected	9.6	Not Detected
Trichloroethene	1.4	Not Detected	7.6	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	6.9	Not Detected
TPH ref. to Gasoline (MW=100)	28	Not Detected	120	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-3608-Post ox

Lab ID#: 0803178-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031113**	**Date of Collection:**	**3/6/08**
Dil. Factor:	**2.53**	**Date of Analysis:**	**3/11/08 08:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.3	120	4.0	390
Toluene	1.3	5.1	4.8	19
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Tetrachloroethene	1.3	Not Detected	8.6	Not Detected
Trichloroethene	1.3	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
TPH ref. to Gasoline (MW=100)	25	160	100	630

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-3608-Post ox dup

Lab ID#: 0803178-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031114**	**Date of Collection:**	**3/6/08**
Dil. Factor:	**2.89**	**Date of Analysis:**	**3/11/08 08:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.4	180	4.6	570
Toluene	1.4	Not Detected	5.4	Not Detected
Ethyl Benzene	1.4	Not Detected	6.3	Not Detected
m,p-Xylene	1.4	Not Detected	6.3	Not Detected
o-Xylene	1.4	Not Detected	6.3	Not Detected
Tetrachloroethene	1.4	Not Detected	9.8	Not Detected
Trichloroethene	1.4	Not Detected	7.8	Not Detected
1,2,4-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
1,3,5-Trimethylbenzene	1.4	Not Detected	7.1	Not Detected
TPH ref. to Gasoline (MW=100)	29	180	120	720

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	91	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1B-3608-Post dil

Lab ID#: 0803178-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031215**	**Date of Collection:**	**3/6/08**
Dil. Factor:	**115**	**Date of Analysis:**	**3/12/08 07:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	58	3600	180	12000
Toluene	58	16000	220	61000
Ethyl Benzene	58	3000	250	13000
m,p-Xylene	58	13000	250	56000
o-Xylene	58	5200	250	23000
Tetrachloroethene	58	Not Detected	390	Not Detected
Trichloroethene	58	Not Detected	310	Not Detected
1,2,4-Trimethylbenzene	58	2600	280	13000
1,3,5-Trimethylbenzene	58	860	280	4200
TPH ref. to Gasoline (MW=100)	1200	160000	4700	650000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0803178-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/08 01:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0803178-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/12/08 11:29 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0803178-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/08 11:51 AM**	

Compound	**%Recovery**
Benzene	80
Toluene	92
Ethyl Benzene	96
m,p-Xylene	94
o-Xylene	92
Tetrachloroethene	89
Trichloroethene	84
1,2,4-Trimethylbenzene	90
1,3,5-Trimethylbenzene	89
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0803178-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/12/08 08:49 AM**	

Compound	**%Recovery**
Benzene	119
Toluene	112
Ethyl Benzene	115
m,p-Xylene	117
o-Xylene	117
Tetrachloroethene	109
Trichloroethene	114
1,2,4-Trimethylbenzene	116
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0803178-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**8031103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/08 12:19 PM**	

Compound	**%Recovery**
Benzene	85
Toluene	99
Ethyl Benzene	100
m,p-Xylene	94
o-Xylene	96
Tetrachloroethene	94
Trichloroethene	88
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	90
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0803178-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/12/08 10:12 AM**	

Compound	**%Recovery**
Benzene	113
Toluene	112
Ethyl Benzene	106
m,p-Xylene	108
o-Xylene	109
Tetrachloroethene	104
Trichloroethene	109
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	98	70-130

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Page ____ of ____

Project Manager Michael Nesky
Collected by: (Print and Sign) Douglas Fisher/Douglas Fisher
Company LFR Inc Email mike.nesky@lfr.com
Address 14201 N 87th St 135 City Scottsdale State AZ Zip 85260
Phone (480) 905-9311 Fax (480) 905-9353

Project Info:
P.O. #
Project # 014-10022-16
Project Name KMEP/Silverrose

Turn Around Time:
☐ Normal
☑ Rush 3-day specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-3608-ESS	001735	3/6/08	1333	TO-15 mod + TPH	28.0	8.0"		
02A	VSP-3-3608-midcarbon	02095	↓	1334	↓	28.0	8.5"		
03A	VSP-2-3608-Postox	03247	↓	1335	↓	22.0	6.0"		
04A	VSP-2-3608-Postoxdup	34167	↓	1335	↓	29.0	7.0"		
05A	VSP-1-3608-Post dil	34169	↓	1336	↓	29.0	0"		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Douglas Fisher	3/6/08 1315	ATL	03-10-08 0850
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only

Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
Fedex		na	Good	Yes No None	0803178

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0803309

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216/007 Silvercroft
DATE RECEIVED:	03/14/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/17/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-031208-EFF	Modified TO-15	3.0 "Hg	5 psi
02A	VSP-3-031208-MID CAR	Modified TO-15	3.0 "Hg	5 psi
03A	VSP-2-031208-POST OX	Modified TO-15	2.0 "Hg	5 psi
04A	VSP-2D-031208-POST OX	Modified TO-15	2.5 "Hg	5 psi
05A	VSP-1-031208-INF	Modified TO-15	2.5 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 03/17/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0803309

Five 6 Liter Summa Canister samples were received on March 14, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-031208-EFF

Lab ID#: 0803309-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,2,4-Trimethylbenzene	0.74	2.0	3.7	10

Client Sample ID: VSP-3-031208-MID CAR

Lab ID#: 0803309-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.74	4.7	2.8	18
m,p-Xylene	0.74	1.9	3.2	8.1
TPH ref. to Gasoline (MW=100)	15	16	61	65

Client Sample ID: VSP-2-031208-POST OX

Lab ID#: 0803309-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	10	2.3	32
TPH ref. to Gasoline (MW=100)	14	42	59	170

Client Sample ID: VSP-2D-031208-POST OX

Lab ID#: 0803309-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	10	2.3	33
TPH ref. to Gasoline (MW=100)	15	41	60	170

Client Sample ID: VSP-1-031208-INF

Lab ID#: 0803309-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	730	36000	2300	120000
Toluene	730	150000	2800	580000
Ethyl Benzene	730	23000	3200	100000
m,p-Xylene	730	93000	3200	400000
o-Xylene	730	34000	3200	150000
1,2,4-Trimethylbenzene	730	12000	3600	59000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-031208-INF

Lab ID#: 0803309-05A

1,3,5-Trimethylbenzene	730	4200	3600	20000
TPH ref. to Gasoline (MW=100)	15000	1600000	60000	6500000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-031208-EFF

Lab ID#: 0803309-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031424**	**Date of Collection:**	**3/12/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**3/15/08 03:35 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	2.0	3.7	10
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	61	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-031208-MID CAR

Lab ID#: 0803309-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031425**	**Date of Collection:**	**3/12/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**3/15/08 04:29 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	4.7	2.8	18
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	1.9	3.2	8.1
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	16	61	65

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-031208-POST OX

Lab ID#: 0803309-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031426**	**Date of Collection:**	**3/12/08**
Dil. Factor:	**1.44**	**Date of Analysis:**	**3/15/08 05:16 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	10	2.3	32
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	42	59	170

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-031208-POST OX

Lab ID#: 0803309-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031427**	**Date of Collection:**	**3/12/08**
Dil. Factor:	**1.46**	**Date of Analysis:**	**3/15/08 06:05 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	10	2.3	33
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	41	60	170

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-031208-INF

Lab ID#: 0803309-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031429**	**Date of Collection:**	**3/12/08**
Dil. Factor:	**1460**	**Date of Analysis:**	**3/15/08 07:36 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	730	36000	2300	120000
Toluene	730	150000	2800	580000
Ethyl Benzene	730	23000	3200	100000
m,p-Xylene	730	93000	3200	400000
o-Xylene	730	34000	3200	150000
Tetrachloroethene	730	Not Detected	5000	Not Detected
Trichloroethene	730	Not Detected	3900	Not Detected
1,2,4-Trimethylbenzene	730	12000	3600	59000
1,3,5-Trimethylbenzene	730	4200	3600	20000
TPH ref. to Gasoline (MW=100)	15000	1600000	60000	6500000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 0803309-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/08 11:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0803309-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/08 08:41 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	101
Ethyl Benzene	107
m,p-Xylene	109
o-Xylene	109
Tetrachloroethene	104
Trichloroethene	108
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0803309-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7031404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/14/08 10:00 AM**	

Compound	**%Recovery**
Benzene	110
Toluene	107
Ethyl Benzene	106
m,p-Xylene	107
o-Xylene	108
Tetrachloroethene	106
Trichloroethene	110
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company LFR INC. Email MICHAEL.NESKY@LFR.COM
Address 14201 N 87th ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax

Project Info:
P.O. #
Project # 014 1082216/007
Project Name SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-031208-EFF	9542	3/12/08	2002	TO 15 MOD + TPH	-29.5	-2.0		
02A	VSP-3-031208-MID CAT	24483	↓	2004	↓	-26.5	0.0		
03A	VSP-2-031208-POST OX	5587	↓	2011	↓	-29.5	~~-4.0~~ -0.5		
04A	VSP-2D-031208-POST OX	5552	↓	2013	↓	-29.5	-2.0		
05A	VSP-1-031208-INF	3389	↓	2018	↓	-29.0	0.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	3/13/08 0900	FEDEX	3/13/08 0900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Greeson ATL	3/14/08 940
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No None	0803309

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0803442

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002216/007 Silvercroft
DATE RECEIVED:	03/20/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/21/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-031808-EFF	Modified TO-15	5.5 "Hg	5 psi
02A	VSP-3-031808-MID CAR	Modified TO-15	6.0 "Hg	5 psi
03A	VSP-2-031808-POST OX	Modified TO-15	7.5 "Hg	5 psi
04A	VSP-2D-031808-POST OX	Modified TO-15	4.5 "Hg	5 psi
05A	VSP-1-031808-INF	Modified TO-15	6.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 03/21/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0803442

Five 6 Liter Summa Canister samples were received on March 20, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-031808-EFF

Lab ID#: 0803442-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	41	67	170

Client Sample ID: VSP-3-031808-MID CAR

Lab ID#: 0803442-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	17	54	69	220

Client Sample ID: VSP-2-031808-POST OX

Lab ID#: 0803442-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	2.2	2.8	7.2
TPH ref. to Gasoline (MW=100)	18	100	73	410

Client Sample ID: VSP-2D-031808-POST OX

Lab ID#: 0803442-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.79	1.3	2.5	4.1
TPH ref. to Gasoline (MW=100)	16	56	65	230

Client Sample ID: VSP-1-031808-INF

Lab ID#: 0803442-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1100	42000	3600	140000
Toluene	1100	250000	4200	960000
Ethyl Benzene	1100	51000	4900	220000
m,p-Xylene	1100	210000	4900	930000
o-Xylene	1100	82000	4900	350000
1,2,4-Trimethylbenzene	1100	47000	5500	230000
1,3,5-Trimethylbenzene	1100	16000	5500	79000
TPH ref. to Gasoline (MW=100)	22000	4900000	92000	20000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-031808-EFF

Lab ID#: 0803442-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032014**	**Date of Collection:**	**3/18/08**
Dil. Factor:	**1.64**	**Date of Analysis:**	**3/20/08 07:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.82	Not Detected	2.6	Not Detected
Toluene	0.82	Not Detected	3.1	Not Detected
Ethyl Benzene	0.82	Not Detected	3.6	Not Detected
m,p-Xylene	0.82	Not Detected	3.6	Not Detected
o-Xylene	0.82	Not Detected	3.6	Not Detected
Tetrachloroethene	0.82	Not Detected	5.6	Not Detected
Trichloroethene	0.82	Not Detected	4.4	Not Detected
1,2,4-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	41	67	170

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-031808-MID CAR

Lab ID#: 0803442-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032015**	**Date of Collection:**	**3/18/08**
Dil. Factor:	**1.68**	**Date of Analysis:**	**3/20/08 08:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Trichloroethene	0.84	Not Detected	4.5	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
TPH ref. to Gasoline (MW=100)	17	54	69	220

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-031808-POST OX

Lab ID#: 0803442-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032016**	**Date of Collection:**	**3/18/08**
Dil. Factor:	**1.79**	**Date of Analysis:**	**3/20/08 09:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	2.2	2.8	7.2
Toluene	0.90	Not Detected	3.4	Not Detected
Ethyl Benzene	0.90	Not Detected	3.9	Not Detected
m,p-Xylene	0.90	Not Detected	3.9	Not Detected
o-Xylene	0.90	Not Detected	3.9	Not Detected
Tetrachloroethene	0.90	Not Detected	6.1	Not Detected
Trichloroethene	0.90	Not Detected	4.8	Not Detected
1,2,4-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
TPH ref. to Gasoline (MW=100)	18	100	73	410

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-031808-POST OX

Lab ID#: 0803442-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032017**	**Date of Collection:**	**3/18/08**
Dil. Factor:	**1.58**	**Date of Analysis:**	**3/20/08 09:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.79	1.3	2.5	4.1
Toluene	0.79	Not Detected	3.0	Not Detected
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	Not Detected	3.4	Not Detected
o-Xylene	0.79	Not Detected	3.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
TPH ref. to Gasoline (MW=100)	16	56	65	230

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-031808-INF

Lab ID#: 0803442-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032020**	**Date of Collection:**	**3/18/08**
Dil. Factor:	**2240**	**Date of Analysis:**	**3/20/08 11:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1100	42000	3600	140000
Toluene	1100	250000	4200	960000
Ethyl Benzene	1100	51000	4900	220000
m,p-Xylene	1100	210000	4900	930000
o-Xylene	1100	82000	4900	350000
Tetrachloroethene	1100	Not Detected	7600	Not Detected
Trichloroethene	1100	Not Detected	6000	Not Detected
1,2,4-Trimethylbenzene	1100	47000	5500	230000
1,3,5-Trimethylbenzene	1100	16000	5500	79000
TPH ref. to Gasoline (MW=100)	22000	4900000	92000	20000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0803442-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/08 01:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0803442-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/08 08:55 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	102
Ethyl Benzene	106
m,p-Xylene	107
o-Xylene	108
Tetrachloroethene	102
Trichloroethene	102
1,2,4-Trimethylbenzene	116
1,3,5-Trimethylbenzene	125
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0803442-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t032003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/20/08 10:10 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	106
Ethyl Benzene	104
m,p-Xylene	105
o-Xylene	107
Tetrachloroethene	104
Trichloroethene	104
1,2,4-Trimethylbenzene	113
1,3,5-Trimethylbenzene	120
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	102	70-130

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(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKE
Collected by: (Print and Sign) MARK HAMMER
Company: LFR INC. Email: MICHAEL.NESKE@LFR.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 965-9311 Fax:

Project Info:
P.O. #:
Project #: 014100 2216/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-031808-EFF	05360	3/18/08	1456	To15 MOD + TPH	-29.0	-4.0		
02A	VSP-3-031808-MID CAR	33800	↓	1452	↓	-29.0	-1.0		
03A	VSP-2-031808-POST OX	33904	↓	1500	↓	-28.5	-6.0		
04A	VSP-2D-031808-POST OX	34012	↓	1500	↓	-29.0	-4.0		
05A	VSP-1-031808-INF	10985	↓	1505	↓	-29.0	-3.5		

MH

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	3/19/08 0945	FEDEX	3/19/08 0945
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		ATL	03/20/08 0905
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex	8569 5352 3453	na	Good	Yes No None	0803442

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0803672

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-10022-16-007 KMEP/Silvercroft
DATE RECEIVED:	03/31/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	04/07/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-32608-EFF	Modified TO-15	5.5 "Hg	5 psi
02A	VSP-3-32608-Midcarbon	Modified TO-15	5.0 "Hg	5 psi
03A	VSP-2-32608-Postox dup	Modified TO-15	8.0 "Hg	5 psi
04A	VSP-2-32608-Postox	Modified TO-15	7.5 "Hg	5 psi
04AA	VSP-2-32608-Postox Lab Duplicate	Modified TO-15	7.5 "Hg	5 psi
05A	VSP-1B-32608-Postdil	Modified TO-15	5.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 04/07/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0803672

Five 6 Liter Summa Canister samples were received on March 31, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for samples VSP-2-32608-Postox dup and VSP-2-32608-Postox did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the samples.

Analytical Notes

Dilution was performed on sample VSP-1B-32608-Postdil due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-32608-EFF

Lab ID#: 0803672-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	45	67	180

Client Sample ID: VSP-3-32608-Midcarbon

Lab ID#: 0803672-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	70	66	290

Client Sample ID: VSP-2-32608-Postox dup

Lab ID#: 0803672-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.92	1.2	2.9	3.9
TPH ref. to Gasoline (MW=100)	18	220	75	900

Client Sample ID: VSP-2-32608-Postox

Lab ID#: 0803672-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	1.2	2.8	3.8
TPH ref. to Gasoline (MW=100)	18	250	73	1000

Client Sample ID: VSP-2-32608-Postox Lab Duplicate

Lab ID#: 0803672-04AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	1.2	2.8	3.7
TPH ref. to Gasoline (MW=100)	18	250	73	1000

Client Sample ID: VSP-1B-32608-Postdil

Lab ID#: 0803672-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1B-32608-Postdil

Lab ID#: 0803672-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	4000	38000	13000	120000
Toluene	4000	240000	15000	920000
Ethyl Benzene	4000	47000	17000	200000
m,p-Xylene	4000	210000	17000	900000
o-Xylene	4000	69000	17000	300000
1,2,4-Trimethylbenzene	4000	34000	20000	170000
1,3,5-Trimethylbenzene	4000	11000	20000	56000
TPH ref. to Gasoline (MW=100)	80000	34000000	330000	140000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-32608-EFF

Lab ID#: 0803672-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040307**	**Date of Collection:**	**3/26/08**
Dil. Factor:	**1.64**	**Date of Analysis:**	**4/3/08 12:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.82	Not Detected	2.6	Not Detected
Toluene	0.82	Not Detected	3.1	Not Detected
Ethyl Benzene	0.82	Not Detected	3.6	Not Detected
m,p-Xylene	0.82	Not Detected	3.6	Not Detected
o-Xylene	0.82	Not Detected	3.6	Not Detected
Tetrachloroethene	0.82	Not Detected	5.6	Not Detected
Trichloroethene	0.82	Not Detected	4.4	Not Detected
1,2,4-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.82	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	45	67	180

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-32608-Midcarbon

Lab ID#: 0803672-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040308**	**Date of Collection:**	**3/26/08**
Dil. Factor:	**1.61**	**Date of Analysis:**	**4/3/08 01:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	70	66	290

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-32608-Postox dup

Lab ID#: 0803672-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040309**	**Date of Collection:**	**3/26/08**
Dil. Factor:	**1.83**	**Date of Analysis:**	**4/3/08 01:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.92	1.2	2.9	3.9
Toluene	0.92	Not Detected	3.4	Not Detected
Ethyl Benzene	0.92	Not Detected	4.0	Not Detected
m,p-Xylene	0.92	Not Detected	4.0	Not Detected
o-Xylene	0.92	Not Detected	4.0	Not Detected
Tetrachloroethene	0.92	Not Detected	6.2	Not Detected
Trichloroethene	0.92	Not Detected	4.9	Not Detected
1,2,4-Trimethylbenzene	0.92	Not Detected	4.5	Not Detected
1,3,5-Trimethylbenzene	0.92	Not Detected	4.5	Not Detected
TPH ref. to Gasoline (MW=100)	18	220	75	900

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-32608-Postox

Lab ID#: 0803672-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040310**	**Date of Collection:**	**3/26/08**
Dil. Factor:	**1.79**	**Date of Analysis:**	**4/3/08 02:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	1.2	2.8	3.8
Toluene	0.90	Not Detected	3.4	Not Detected
Ethyl Benzene	0.90	Not Detected	3.9	Not Detected
m,p-Xylene	0.90	Not Detected	3.9	Not Detected
o-Xylene	0.90	Not Detected	3.9	Not Detected
Tetrachloroethene	0.90	Not Detected	6.1	Not Detected
Trichloroethene	0.90	Not Detected	4.8	Not Detected
1,2,4-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
TPH ref. to Gasoline (MW=100)	18	250	73	1000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-32608-Postox Lab Duplicate

Lab ID#: 0803672-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040315**	**Date of Collection:**	**3/26/08**
Dil. Factor:	**1.79**	**Date of Analysis:**	**4/3/08 05:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.90	1.2	2.8	3.7
Toluene	0.90	Not Detected	3.4	Not Detected
Ethyl Benzene	0.90	Not Detected	3.9	Not Detected
m,p-Xylene	0.90	Not Detected	3.9	Not Detected
o-Xylene	0.90	Not Detected	3.9	Not Detected
Tetrachloroethene	0.90	Not Detected	6.1	Not Detected
Trichloroethene	0.90	Not Detected	4.8	Not Detected
1,2,4-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.90	Not Detected	4.4	Not Detected
TPH ref. to Gasoline (MW=100)	18	250	73	1000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1B-32608-Postdil

Lab ID#: 0803672-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040312**	**Date of Collection:**	**3/26/08**
Dil. Factor:	**8050**	**Date of Analysis:**	**4/3/08 03:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	4000	38000	13000	120000
Toluene	4000	240000	15000	920000
Ethyl Benzene	4000	47000	17000	200000
m,p-Xylene	4000	210000	17000	900000
o-Xylene	4000	69000	17000	300000
Tetrachloroethene	4000	Not Detected	27000	Not Detected
Trichloroethene	4000	Not Detected	22000	Not Detected
1,2,4-Trimethylbenzene	4000	34000	20000	170000
1,3,5-Trimethylbenzene	4000	11000	20000	56000
TPH ref. to Gasoline (MW=100)	80000	34000000	330000	140000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0803672-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040306**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/3/08 11:46 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0803672-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/3/08 09:02 AM**	

Compound	**%Recovery**
Benzene	107
Toluene	102
Ethyl Benzene	103
m,p-Xylene	102
o-Xylene	99
Tetrachloroethene	104
Trichloroethene	106
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0803672-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1040303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/3/08 09:35 AM**	

Compound	**%Recovery**
Benzene	109
Toluene	112
Ethyl Benzene	104
m,p-Xylene	103
o-Xylene	103
Tetrachloroethene	107
Trichloroethene	109
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	97	70-130

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Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Douglas Fisher / Douglas Fisher
Company: LFR INC Email: michael.nesky@lfr.com
Address: 14201 N 87th St #125 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9553

Project Info:
P.O. #:
Project #: 014-10022-1-6-007
Project Name: KMEP/Silvercrest

Turn Around Time:
☐ Normal
☑ Rush 3 Day (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	USP-4-32608-EFF	02482	3/26/08	1212	To-15 Mod + TPH	28.5	4.0"		
02A	USP-3-32608-Mid Carbon	01492	↓	1212	↓	29.0	4.0"		
03A	USP-3-32608-Post Ox Mid Carbon dup	01979		1213		28.0	6.5		
04A	USP-2-32608-Post ox	02776		1213		28.0	6.5		
05A	USP-1B-32608-Post dil	01956		1214		28.5	4.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Douglas Fisher	3/26/08 16:30	Monica Gregorn ATL	3/31/08 900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		N/A	Good	Yes No None	0803672

Form 1280 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0804070

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17739
FAX:	480-905-9353	**PROJECT #**	014-1002215/007 Silvercroft
DATE RECEIVED:	04/03/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	04/08/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-040208-EFF	Modified TO-15	5.5 "Hg	5 psi
02A	VSP-3-040208-MID CAR	Modified TO-15	6.5 "Hg	5 psi
03A	VSP-2-040208-POST OX	Modified TO-15	6.5 "Hg	5 psi
04A	VSP-2D-040208-POST OX	Modified TO-15	6.5 "Hg	5 psi
05A	VSP-1B-040208-POST DIL	Modified TO-15	6.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 04/08/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0804070

Five 6 Liter Summa Canister samples were received on April 03, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-040208-EFF

Lab ID#: 0804070-01A

No Detections Were Found.

Client Sample ID: VSP-3-040208-MID CAR

Lab ID#: 0804070-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	17	70	70	290

Client Sample ID: VSP-2-040208-POST OX

Lab ID#: 0804070-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	17	200	70	820

Client Sample ID: VSP-2D-040208-POST OX

Lab ID#: 0804070-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	17	190	70	780

Client Sample ID: VSP-1B-040208-POST DIL

Lab ID#: 0804070-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	270	13000	860	41000
Toluene	270	47000	1000	180000
Ethyl Benzene	270	2900	1200	12000
m,p-Xylene	270	8600	1200	37000
o-Xylene	270	2700	1200	12000
1,2,4-Trimethylbenzene	270	280	1300	1400
TPH ref. to Gasoline (MW=100)	5400	1800000	22000	7400000

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Client Sample ID: VSP-4-040208-EFF

Lab ID#: 0804070-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040415**	**Date of Collection:**	**4/2/08**
Dil. Factor:	**16.4**	**Date of Analysis:**	**4/4/08 05:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	8.2	Not Detected	26	Not Detected
Toluene	8.2	Not Detected	31	Not Detected
Ethyl Benzene	8.2	Not Detected	36	Not Detected
m,p-Xylene	8.2	Not Detected	36	Not Detected
o-Xylene	8.2	Not Detected	36	Not Detected
Tetrachloroethene	8.2	Not Detected	56	Not Detected
Trichloroethene	8.2	Not Detected	44	Not Detected
1,2,4-Trimethylbenzene	8.2	Not Detected	40	Not Detected
1,3,5-Trimethylbenzene	8.2	Not Detected	40	Not Detected
TPH ref. to Gasoline (MW=100)	160	Not Detected	670	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-040208-MID CAR

Lab ID#: 0804070-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040416**	**Date of Collection:**	**4/2/08**
Dil. Factor:	**1.71**	**Date of Analysis:**	**4/4/08 06:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.86	Not Detected	2.7	Not Detected
Toluene	0.86	Not Detected	3.2	Not Detected
Ethyl Benzene	0.86	Not Detected	3.7	Not Detected
m,p-Xylene	0.86	Not Detected	3.7	Not Detected
o-Xylene	0.86	Not Detected	3.7	Not Detected
Tetrachloroethene	0.86	Not Detected	5.8	Not Detected
Trichloroethene	0.86	Not Detected	4.6	Not Detected
1,2,4-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
TPH ref. to Gasoline (MW=100)	17	70	70	290

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-040208-POST OX

Lab ID#: 0804070-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040417**	**Date of Collection:**	**4/2/08**
Dil. Factor:	**1.71**	**Date of Analysis:**	**4/4/08 08:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.86	Not Detected	2.7	Not Detected
Toluene	0.86	Not Detected	3.2	Not Detected
Ethyl Benzene	0.86	Not Detected	3.7	Not Detected
m,p-Xylene	0.86	Not Detected	3.7	Not Detected
o-Xylene	0.86	Not Detected	3.7	Not Detected
Tetrachloroethene	0.86	Not Detected	5.8	Not Detected
Trichloroethene	0.86	Not Detected	4.6	Not Detected
1,2,4-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
TPH ref. to Gasoline (MW=100)	17	200	70	820

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2D-040208-POST OX

Lab ID#: 0804070-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040418**	**Date of Collection:**	**4/2/08**
Dil. Factor:	**1.71**	**Date of Analysis:**	**4/4/08 08:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.86	Not Detected	2.7	Not Detected
Toluene	0.86	Not Detected	3.2	Not Detected
Ethyl Benzene	0.86	Not Detected	3.7	Not Detected
m,p-Xylene	0.86	Not Detected	3.7	Not Detected
o-Xylene	0.86	Not Detected	3.7	Not Detected
Tetrachloroethene	0.86	Not Detected	5.8	Not Detected
Trichloroethene	0.86	Not Detected	4.6	Not Detected
1,2,4-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
1,3,5-Trimethylbenzene	0.86	Not Detected	4.2	Not Detected
TPH ref. to Gasoline (MW=100)	17	190	70	780

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1B-040208-POST DIL

Lab ID#: 0804070-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040420**	**Date of Collection:**	**4/2/08**
Dil. Factor:	**538**	**Date of Analysis:**	**4/4/08 10:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	270	13000	860	41000
Toluene	270	47000	1000	180000
Ethyl Benzene	270	2900	1200	12000
m,p-Xylene	270	8600	1200	37000
o-Xylene	270	2700	1200	12000
Tetrachloroethene	270	Not Detected	1800	Not Detected
Trichloroethene	270	Not Detected	1400	Not Detected
1,2,4-Trimethylbenzene	270	280	1300	1400
1,3,5-Trimethylbenzene	270	Not Detected	1300	Not Detected
TPH ref. to Gasoline (MW=100)	5400	1800000	22000	7400000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	91	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0804070-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/4/08 11:09 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0804070-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/4/08 08:46 AM**	

Compound	**%Recovery**
Benzene	116
Toluene	107
Ethyl Benzene	84
m,p-Xylene	84
o-Xylene	82
Tetrachloroethene	85
Trichloroethene	105
1,2,4-Trimethylbenzene	79
1,3,5-Trimethylbenzene	80
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0804070-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5040403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/4/08 09:32 AM**	

Compound	**%Recovery**
Benzene	127
Toluene	130
Ethyl Benzene	91
m,p-Xylene	89
o-Xylene	91
Tetrachloroethene	92
Trichloroethene	114
1,2,4-Trimethylbenzene	89
1,3,5-Trimethylbenzene	88
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	97	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Mike Nesky
Collected by: (Print and Sign) Jesse Bowman
Company: LFR Email: Jesse.Bowman@LFR.com
Address: 14201 N. 87th St #125 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax:

Project Info:
P.O. #: 17739
Project #: 014-1002215/007
Project Name: Silvercroft

Turn Around Time:
☐ Normal
☒ Rush 3 day specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-040208-EEP	9941	04/02/08	1217	TO15 Mod + TPH	-28.5	3.0		
	~~VSP-2 Post Ox~~	~~1576~~	~~"~~		~~"~~	~~-28.5~~			
	~~VSP-2-040208 Post Ox~~	~~5714~~	~~"~~		~~"~~	~~-28.5~~			
	~~VSP-3-040208 Post Ox~~	~~2806~~	~~"~~		~~"~~	~~-28.5~~			
02A	VSP-3-040208-MID CAR	1766	"	1218	"	-28.0	4.0		
03A	VSP-2-040208-POST OX	1576	"	1219	"	-28.5	4.0		
04A	VSP-2D-040208-Post ox	5714	"	1219	"	-28.5	4.5		
05A	VSP-1B-040208-POST DEL	2806	"	1220	"	-28.5	3.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Jesse Bowman	04/02/08 1450	FedEx / Ship N Mail	04/02/08 1450
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		ATL	04-03-08 0900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No (None)	0804070

Form 1098 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0807135

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-10022-16 Silvercroft
DATE RECEIVED:	07/08/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/15/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-070308-EFF	Modified TO-15 (5&20 ppbv)	2.0 "Hg	5 psi
02A	VSP-3-070308-Midcar	Modified TO-15 (5&20 ppbv)	0.0 "Hg	5 psi
03A	VSP-3-070308-Midcar D	Modified TO-15 (5&20 ppbv)	2.0 "Hg	5 psi
04A	VSP-2-070308-Postox	Modified TO-15 (5&20 ppbv)	3.0 "Hg	5 psi
05A	VSP-1-070308-INF	Modified TO-15 (5&20 ppbv)	2.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15 (5&20 ppbv)	NA	NA
07A	CCV	Modified TO-15 (5&20 ppbv)	NA	NA
08A	LCS	Modified TO-15 (5&20 ppbv)	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 07/15/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 Soil Gas
LFR Levine-Fricke
Workorder# 0807135

Five 6 Liter Summa Canister samples were received on July 08, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 50 mLs of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The laboratory has reported estimated values for target compound hits that are below the Reporting Limit but greater than the Method Detection Limit.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-4-070308-EFF

Lab ID#: 0807135-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	7.2	2.7 J	23	8.7 J
Toluene	7.2	2.5 J	27	9.4 J
TPH ref. to Gasoline (MW=100)	72	59	290	240

Client Sample ID: VSP-3-070308-Midcar

Lab ID#: 0807135-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	6.7	0.94 J	21	3.0 J
Toluene	6.7	15	25	57
Ethyl Benzene	6.7	2.4 J	29	10 J
m,p-Xylene	6.7	5.2 J	29	22 J
o-Xylene	6.7	1.8 J	29	7.9 J
Tetrachloroethene	6.7	2.1 J	45	14 J
Trichloroethene	6.7	1.8 J	36	9.6 J
1,2,4-Trimethylbenzene	6.7	0.70 J	33	3.4 J
TPH ref. to Gasoline (MW=100)	67	700	270	2900

Client Sample ID: VSP-3-070308-Midcar D

Lab ID#: 0807135-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	7.2	0.73 J	27	2.8 J
m,p-Xylene	7.2	1.6 J	31	7.2 J
1,2,4-Trimethylbenzene	7.2	1.1 J	35	5.3 J
TPH ref. to Gasoline (MW=100)	72	91	290	370

Client Sample ID: VSP-2-070308-Postox

Lab ID#: 0807135-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	7.4	3.0 J	28	11 J
Ethyl Benzene	7.4	1.1 J	32	4.7 J
m,p-Xylene	7.4	6.5 J	32	28 J
o-Xylene	7.4	2.8 J	32	12 J

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-2-070308-Postox

Lab ID#: 0807135-04A

1,2,4-Trimethylbenzene	7.4	3.9 J	37	19 J
1,3,5-Trimethylbenzene	7.4	3.0 J	37	15 J
TPH ref. to Gasoline (MW=100)	74	78	300	320

Client Sample ID: VSP-1-070308-INF

Lab ID#: 0807135-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	720	20000	2300	63000
Toluene	720	150000	2700	560000
Ethyl Benzene	720	55000	3100	240000
m,p-Xylene	720	190000	3100	830000
o-Xylene	720	110000	3100	480000
Tetrachloroethene	720	410 J	4900	2800 J
1,2,4-Trimethylbenzene	720	84000	3500	410000
1,3,5-Trimethylbenzene	720	28000	3500	140000
TPH ref. to Gasoline (MW=100)	7200	7800000	29000	32000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-070308-EFF

Lab ID#: 0807135-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070913**	**Date of Collection: 7/3/08**	
Dil. Factor:	**1.44**	**Date of Analysis: 7/9/08 04:03 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Benzene	7.2	2.7 J	23	8.7 J
Toluene	7.2	2.5 J	27	9.4 J
Ethyl Benzene	7.2	Not Detected	31	Not Detected
m,p-Xylene	7.2	Not Detected	31	Not Detected
o-Xylene	7.2	Not Detected	31	Not Detected
Tetrachloroethene	7.2	Not Detected	49	Not Detected
Trichloroethene	7.2	Not Detected	39	Not Detected
1,2,4-Trimethylbenzene	7.2	Not Detected	35	Not Detected
1,3,5-Trimethylbenzene	7.2	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	72	59	290	240

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-070308-Midcar

Lab ID#: 0807135-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070907**	**Date of Collection: 7/3/08**	
Dil. Factor:	**1.34**	**Date of Analysis: 7/9/08 12:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	6.7	0.94 J	21	3.0 J
Toluene	6.7	15	25	57
Ethyl Benzene	6.7	2.4 J	29	10 J
m,p-Xylene	6.7	5.2 J	29	22 J
o-Xylene	6.7	1.8 J	29	7.9 J
Tetrachloroethene	6.7	2.1 J	45	14 J
Trichloroethene	6.7	1.8 J	36	9.6 J
1,2,4-Trimethylbenzene	6.7	0.70 J	33	3.4 J
1,3,5-Trimethylbenzene	6.7	Not Detected	33	Not Detected
TPH ref. to Gasoline (MW=100)	67	700	270	2900

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-070308-Midcar D

Lab ID#: 0807135-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070914**	**Date of Collection: 7/3/08**	
Dil. Factor:	**1.44**	**Date of Analysis: 7/9/08 04:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	7.2	Not Detected	23	Not Detected
Toluene	7.2	0.73 J	27	2.8 J
Ethyl Benzene	7.2	Not Detected	31	Not Detected
m,p-Xylene	7.2	1.6 J	31	7.2 J
o-Xylene	7.2	Not Detected	31	Not Detected
Tetrachloroethene	7.2	Not Detected	49	Not Detected
Trichloroethene	7.2	Not Detected	39	Not Detected
1,2,4-Trimethylbenzene	7.2	1.1 J	35	5.3 J
1,3,5-Trimethylbenzene	7.2	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	72	91	290	370

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-070308-Postox

Lab ID#: 0807135-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070917**	**Date of Collection: 7/3/08**	
Dil. Factor:	**1.49**	**Date of Analysis: 7/9/08 06:23 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	7.4	Not Detected	24	Not Detected
Toluene	7.4	3.0 J	28	11 J
Ethyl Benzene	7.4	1.1 J	32	4.7 J
m,p-Xylene	7.4	6.5 J	32	28 J
o-Xylene	7.4	2.8 J	32	12 J
Tetrachloroethene	7.4	Not Detected	50	Not Detected
Trichloroethene	7.4	Not Detected	40	Not Detected
1,2,4-Trimethylbenzene	7.4	3.9 J	37	19 J
1,3,5-Trimethylbenzene	7.4	3.0 J	37	15 J
TPH ref. to Gasoline (MW=100)	74	78	300	320

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-070308-INF

Lab ID#: 0807135-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070915**	**Date of Collection: 7/3/08**	
Dil. Factor:	**144**	**Date of Analysis: 7/9/08 05:07 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	720	20000	2300	63000
Toluene	720	150000	2700	560000
Ethyl Benzene	720	55000	3100	240000
m,p-Xylene	720	190000	3100	830000
o-Xylene	720	110000	3100	480000
Tetrachloroethene	720	410 J	4900	2800 J
Trichloroethene	720	Not Detected	3900	Not Detected
1,2,4-Trimethylbenzene	720	84000	3500	410000
1,3,5-Trimethylbenzene	720	28000	3500	140000
TPH ref. to Gasoline (MW=100)	7200	7800000	29000	32000000

J = Estimated value.

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0807135-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070905a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/9/08 10:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	50	Not Detected	200	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0807135-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070903**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/9/08 09:10 AM**

Compound	**%Recovery**
Benzene	102
Toluene	104
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	108
Tetrachloroethene	102
Trichloroethene	104
1,2,4-Trimethylbenzene	102
1,3,5-Trimethylbenzene	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0807135-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**r070904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/9/08 09:42 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	106
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	107
Tetrachloroethene	103
Trichloroethene	106
1,2,4-Trimethylbenzene	102
1,3,5-Trimethylbenzene	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Mike Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Inc
Email:
Address: 14201 N 87th St #135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-10022-16
Project Name: Silver Cloud

Turn Around Time:
☐ Normal
☒ Rush 5 day TAT specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-070308-EFF	10789	7-3-08	1540	TO-15 + TPH	28	Ø		
02A	VSP-3-070308-Midcar	12707		1545		28.5	Ø		
03A	VSP-3-070308-MidcarD	24230		1550		28	Ø		
04A	VSP-2-070308-Boston	22167		1555		29	Ø		
05A	VSP-1-070308-INF			1600		27.5	Ø		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	7-7-08 1700	[signature] ATL	07-08-08 0900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		na	good	Yes No (None)	0807155

Form 1295 rev.10

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0808229

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-1002216/007 Silvercroft
DATE RECEIVED:	08/11/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	08/15/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-080808-Eff	Modified TO-15	4.0 "Hg	5 psi
02A	VSP-3-080808-MID CAR	Modified TO-15	4.5 "Hg	5 psi
03A	VSP-3D-080808-MID CAR	Modified TO-15	3.0 "Hg	5 psi
04A	VSP-2-080808-POST OX	Modified TO-15	5.0 "Hg	5 psi
05A	VSP-1-080808-INF	Modified TO-15	4.5 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 08/18/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0808229

Five 6 Liter Summa Canister samples were received on August 11, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample VSP-1-080808-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-080808-Eff

Lab ID#: 0808229-01A

No Detections Were Found.

Client Sample ID: VSP-3-080808-MID CAR

Lab ID#: 0808229-02A

No Detections Were Found.

Client Sample ID: VSP-3D-080808-MID CAR

Lab ID#: 0808229-03A

No Detections Were Found.

Client Sample ID: VSP-2-080808-POST OX

Lab ID#: 0808229-04A

No Detections Were Found.

Client Sample ID: VSP-1-080808-INF

Lab ID#: 0808229-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1300	36000	4200	120000
Toluene	1300	130000	5000	500000
Ethyl Benzene	1300	38000	5700	160000
m,p-Xylene	1300	180000	5700	780000
o-Xylene	1300	75000	5700	320000
1,2,4-Trimethylbenzene	1300	54000	6500	260000
1,3,5-Trimethylbenzene	1300	18000	6500	90000
TPH ref. to Gasoline (MW=100)	26000	5600000	110000	23000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-080808-Eff

Lab ID#: 0808229-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081414**	**Date of Collection:**	**8/8/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**8/14/08 10:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	63	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-080808-MID CAR

Lab ID#: 0808229-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081413**	**Date of Collection:**	**8/8/08**
Dil. Factor:	**1.58**	**Date of Analysis:**	**8/14/08 09:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.79	Not Detected	2.5	Not Detected
Toluene	0.79	Not Detected	3.0	Not Detected
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	Not Detected	3.4	Not Detected
o-Xylene	0.79	Not Detected	3.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	65	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-080808-MID CAR

Lab ID#: 0808229-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081412**	**Date of Collection:**	**8/8/08**
Dil. Factor:	**1.49**	**Date of Analysis:**	**8/14/08 08:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	61	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-080808-POST OX

Lab ID#: 0808229-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081411**	**Date of Collection:**	**8/8/08**
Dil. Factor:	**1.61**	**Date of Analysis:**	**8/14/08 08:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	66	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-080808-INF

Lab ID#: 0808229-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081417**	**Date of Collection:**	**8/8/08**
Dil. Factor:	**2630**	**Date of Analysis:**	**8/15/08 12:44 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1300	36000	4200	120000
Toluene	1300	130000	5000	500000
Ethyl Benzene	1300	38000	5700	160000
m,p-Xylene	1300	180000	5700	780000
o-Xylene	1300	75000	5700	320000
Tetrachloroethene	1300	Not Detected	8900	Not Detected
Trichloroethene	1300	Not Detected	7100	Not Detected
1,2,4-Trimethylbenzene	1300	54000	6500	260000
1,3,5-Trimethylbenzene	1300	18000	6500	90000
TPH ref. to Gasoline (MW=100)	26000	5600000	110000	23000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0808229-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/08 03:34 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0808229-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/08 11:18 AM**	

Compound	**%Recovery**
Benzene	97
Toluene	103
Ethyl Benzene	102
m,p-Xylene	102
o-Xylene	103
Tetrachloroethene	106
Trichloroethene	105
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0808229-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5081403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/08 11:53 AM**	

Compound	**%Recovery**
Benzene	97
Toluene	106
Ethyl Benzene	100
m,p-Xylene	99
o-Xylene	101
Tetrachloroethene	106
Trichloroethene	105
1,2,4-Trimethylbenzene	93
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Sample Receipt Confirmation Cover Page

Thank you for choosing Air Toxics Ltd. We have received your samples and have listed any Sample Receipt Descrepancies below.

In order to expedite analysis and reporting, please review the attached information for accuracy.

For corrections call: **Kyle Vagadori at 916-985-1000**

ATL will proceed with the analysis as specified on the Chain of Custody and Sample Receipt Summary page.

Please note : The Sample Receipt Confirmation, including the total workorder charge, is subject to change upon secondary review. Our aim is to provide a confirmation to you in a timely manner. Sample Receipt Discrepancies, if any, may not include discrepancies regarding sample receipt pressure(s). Additionally, the Chain of Custody (COC) will be provided with the final report.

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

SAMPLE RECEIPT SUMMARY

WORKORDER 0808229

Client

Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale, AZ 85260

Sales Rep: JJM

Phone

480-905-9311

Fax

480-905-9353

Date Promised: 08/18/08 4:00 pm
Date Completed:
Date Received: 8/11/08
PO#: 17384
Project#: 014-1002216/007 Silvercroft

Total $: $ 1,566.25
Logged By: MW

Fraction	Sample #	Analysis	Collected	Amount$
01A	VSP-4-080808-Eff	Modified TO-15	8/8/2008	$231.25
02A	VSP-3-080808-MID CAR	Modified TO-15	8/8/2008	$231.25
03A	VSP-3D-080808-MID CAR	Modified TO-15	8/8/2008	$231.25
04A	VSP-2-080808-POST OX	Modified TO-15	8/8/2008	$231.25
05A	VSP-1-080808-INF	Modified TO-15	8/8/2008	$231.25

Misc. Charges	6 Liter Summa Canister (1) @ $50.00 each., Shipment 57931	$50.00
	6 Liter Summa Canister (4) @ $50.00 each., Shipment 58817	$200.00
	Blue Body Flow Controller (1) @ $30.00 each., Shipment 57931	$30.00
	Blue Body Flow Controller (4) @ $30.00 each., Shipment 58817	$120.00
	Fuel Surcharge (5) @ $2.00 each.	$10.00

Note: Samples received after 3 P.M. PST are considered to be received on the following work day.
Atlas Project Name/Profile#: KMEP Silvercroft/9925

BILL TO: Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale, AZ 85260

Analysis Code: TO-14A

REMARKS: A 25% surcharge is applied for a 5 day turnaround time.

TERMS:

Reporting Method: Modified TO-15 (Sp)-LFR (Silvercroft) v2

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Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER Mark Hammer
Company: LFR Email: MICHAEL.NESKY@LFR.COM
Address: 4201 N 27th ST #125 City: SCOTTSDALE State: AZ Zip: 85251
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #
Project # 014-1002216/007
Project Name: SILVERCRAFT

Turn Around Time:
☐ Normal
☑ Rush 5 DAY specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-080808-EFF	25274	08/08/08	0805	TO15 + TPH	-28.0	-3.0		
02A	VSP-3-080808-MID CAR	34725	↓	0810	↓	-28.0	-3.0		
	~~VSP-3B-080808-MID~~								
03A	VSP-3B-080808-MID CAR	4200	↓	0810	↓	-30.0	-3.5		
04A	VSP-2-080808-PAST ox	9548	↓	0815	↓	-28.0	-3.5		
05A	VSP-1-080808-INF	23870 3420	↓	0820	↓	-27.5	-2.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	8/8/08	FED Ex/Kinko's	08/08/08 1430
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregory	8/11/08 915
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	855695352342	NA	Good	Yes No None	0808229

Form 1288 rev.11

Method : Modified TO-15 (Sp)-LFR (Silvercroft) v2

CAS Number	Compound	Rpt. Limit (ppbv)

CAS Number	Compound	
71-43-2	Benzene	0.50
108-88-3	Toluene	0.50
100-41-4	Ethyl Benzene	0.50
108-38-3	m,p-Xylene	0.50
95-47-6	o-Xylene	0.50
127-18-4	Tetrachloroethene	0.50
79-01-6	Trichloroethene	0.50
95-63-6	1,2,4-Trimethylbenzene	0.50
108-67-8	1,3,5-Trimethylbenzene	0.50
9999-9999-038	TPH ref. to Gasoline (MW=100)	10

CAS Number	Surrogate	Method Limits
2037-26-5	Toluene-d8	70-130
17060-07-0	1,2-Dichloroethane-d4	70-130
460-00-4	4-Bromofluorobenzene	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Unreturned Media/Equipment

The following media/equipment are outstanding:

Shipped on: Jan 8 2008 10:24AM

Equipment Type	Physical ID	Outstanding Qty	Amount
Filter		5	$250.00

Shipped on: May 21 2008 1:43PM

Equipment Type	Physical ID	Outstanding Qty	Amount
6 Liter Summa Canister	33876	1	$750.00
6 Liter Summa Canister	34313	1	$750.00
6 Liter Summa Canister	5753	1	$750.00
6 Liter Summa Canister	917	1	$750.00
Blue Body Flow Controller	FC00142	1	$250.00
Blue Body Flow Controller	FC00170	1	$250.00
Blue Body Flow Controller	FC00402	1	$250.00
Blue Body Flow Controller	FC00896	1	$250.00

Shipped on: Jul 22 2008 12:29PM

Equipment Type	Physical ID	Outstanding Qty	Amount
6 Liter Summa Canister	938CMT	1	$750.00
Blue Body Flow Controller	FC00172	1	$250.00
Gauge-Vacuum		1	$50.00

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific
E-mail to:samplereceiving@airtoxics.com

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER Mark Hammer
Company: LFR Email: MICHAEL.NESKY@LFR.COM
Address: 4201 N 27th ST #125 City: SCOTTSDALE State: AZ Zip: 85251
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #
Project # 014-1002216/007
Project Name: SILVERCRAFT

Turn Around Time:
☐ Normal
☑ Rush 5 DAY specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-080808-EFF	25274	08/08/08	0805	TO15 + TPH	-28.0	-3.0		
02A	VSP-3-080808-MID CAR	34725	↓	0810	↓	-28.0	-3.0		
	~~VSP-3B-080808-MID~~								
03A	VSP-3B-080808-MID CAR	4200	↓	0810	↓	-30.0	-3.5		
04A	VSP-2-080808-PAST ox	9548	↓	0815	↓	-28.0	-3.5		
05A	VSP-1-080808-INF	23870 3420	↓	0820	↓	-27.5	-2.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	8/8/08	FED Ex/Kinko's	08/08/08 1430
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregory	8/11/08 915
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	855695352342	NA	Good	Yes No None	0808229

Form 1288 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0809580

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-1002216/007 Silvercroft
DATE RECEIVED:	09/25/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/07/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-092408-EFF	Modified TO-15	4.5 "Hg	5 psi
02A	VSP-3-092408-MID CAR	Modified TO-15	4.0 "Hg	5 psi
03A	VSP-3D-092408-MID CAR	Modified TO-15	3.5 "Hg	5 psi
04A	VSP-2-092408-POST OX	Modified TO-15	5.0 "Hg	5 psi
05A	VSP-1-092408-INF	Modified TO-15	3.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 10/07/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 Std & Soil Gas
LFR Levine-Fricke
Workorder# 0809580

Five 6 Liter Summa Canister samples were received on September 25, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-092408-EFF

Lab ID#: 0809580-01A

No Detections Were Found.

Client Sample ID: VSP-3-092408-MID CAR

Lab ID#: 0809580-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	71	63	290

Client Sample ID: VSP-3D-092408-MID CAR

Lab ID#: 0809580-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	61	62	250

Client Sample ID: VSP-2-092408-POST OX

Lab ID#: 0809580-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	27	66	110

Client Sample ID: VSP-1-092408-INF

Lab ID#: 0809580-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	740	45000	2400	140000
Toluene	740	120000	2800	430000
Ethyl Benzene	740	40000	3200	170000
m,p-Xylene	740	220000	3200	980000
o-Xylene	740	97000	3200	420000
Tetrachloroethene	740	1100	5000	7500
1,2,4-Trimethylbenzene	740	120000	3700	570000
1,3,5-Trimethylbenzene	740	32000	3700	160000
TPH ref. to Gasoline (MW=100)	15000	8000000	61000	32000000

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Client Sample ID: VSP-4-092408-EFF

Lab ID#: 0809580-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100308**	**Date of Collection:**	**9/24/08**
Dil. Factor:	**1.58**	**Date of Analysis:**	**10/3/08 02:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.79	Not Detected	2.5	Not Detected
Toluene	0.79	Not Detected	3.0	Not Detected
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	Not Detected	3.4	Not Detected
o-Xylene	0.79	Not Detected	3.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	65	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-092408-MID CAR

Lab ID#: 0809580-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100309**	**Date of Collection:**	**9/24/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/3/08 03:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	71	63	290

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-092408-MID CAR

Lab ID#: 0809580-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100310**	**Date of Collection:**	**9/24/08**
Dil. Factor:	**1.52**	**Date of Analysis:**	**10/3/08 04:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	61	62	250

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: VSP-2-092408-POST OX

Lab ID#: 0809580-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100321**	**Date of Collection:**	**9/24/08**
Dil. Factor:	**1.61**	**Date of Analysis:**	**10/4/08 12:21 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	27	66	110

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-092408-INF

Lab ID#: 0809580-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100323**	**Date of Collection:**	**9/24/08**
Dil. Factor:	**149**	**Date of Analysis:**	**10/3/08 10:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	740	45000	2400	140000
Toluene	740	120000	2800	430000
Ethyl Benzene	740	40000	3200	170000
m,p-Xylene	740	220000	3200	980000
o-Xylene	740	97000	3200	420000
Tetrachloroethene	740	1100	5000	7500
Trichloroethene	740	Not Detected	4000	Not Detected
1,2,4-Trimethylbenzene	740	120000	3700	570000
1,3,5-Trimethylbenzene	740	32000	3700	160000
TPH ref. to Gasoline (MW=100)	15000	8000000	61000	32000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0809580-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/3/08 11:50 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0809580-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100306**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/3/08 10:03 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0809580-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100302**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/3/08 08:55 AM**

Compound	**%Recovery**
Benzene	92
Toluene	102
Ethyl Benzene	101
m,p-Xylene	102
o-Xylene	102
Tetrachloroethene	105
Trichloroethene	107
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0809580-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100302**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/3/08 07:49 AM**

Compound	**%Recovery**
Benzene	100
Toluene	100
Ethyl Benzene	98
m,p-Xylene	98
o-Xylene	97
Tetrachloroethene	94
Trichloroethene	98
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0809580-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5100303**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/3/08 09:37 AM**

Compound	**%Recovery**
Benzene	95
Toluene	108
Ethyl Benzene	103
m,p-Xylene	104
o-Xylene	105
Tetrachloroethene	109
Trichloroethene	111
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0809580-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/3/08 08:54 AM**	

Compound	**%Recovery**
Benzene	86
Toluene	87
Ethyl Benzene	88
m,p-Xylene	89
o-Xylene	90
Tetrachloroethene	83
Trichloroethene	85
1,2,4-Trimethylbenzene	93
1,3,5-Trimethylbenzene	89
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

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(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER
Company: LFR INC. Email: MICHAEL.NESKY@LFR.COM
Address: 14201 N 87th ST City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905

Project Info:
P.O. #
Project # 014-1002216/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☑ Rush
5 DAY TAT
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-092408-EFF	36037	9/24/08	0745	TO 15 + TPH	-25.0	Ø		
02A	VSP-3-092408-MID CAR	12005	↓	0755	↓	-30.0	-3.0		
03A	VSP-3D-092408-MID CAR	11885	↓	0755	↓	-30.0	-2.5		
04A	VSP-2-092408-POST OX	33781	↓	0800	↓	-28.0	-3.5		
05A	VSP-1-092408-INF	02327	↓	0805	↓	-28.0	-3.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	9/24/08 1300	FED EX	9/24/08 1800
		Monica Gregorin AIL	9/25/08 910

Notes:

Lab Use Only: Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals intact?	Work Order #
Fed Ex		NA	Good	Yes No None	0809580

Form 1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0810275

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-1002216/007 Silvercroft
DATE RECEIVED:	10/13/2008	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/14/2008		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-101108-EFF	Modified TO-15	4.0 "Hg	5 psi
02A	VSP-3-101108-MID CAR	Modified TO-15	4.0 "Hg	5 psi
03A	VSP-3D-101108-MID CAR	Modified TO-15	4.0 "Hg	5 psi
04A	VSP-2-101108-POST OX	Modified TO-15	3.5 "Hg	5 psi
05A	VSP-1-101108-INF	Modified TO-15	3.5 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
06C	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
07C	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08C	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 10/14/08

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 Std & Soil Gas
LFR Levine-Fricke
Workorder# 0810275

Five 6 Liter Summa Canister samples were received on October 13, 2008. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample VSP-1-101108-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-101108-EFF

Lab ID#: 0810275-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	33	63	130

Client Sample ID: VSP-3-101108-MID CAR

Lab ID#: 0810275-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	16	34	63	140

Client Sample ID: VSP-3D-101108-MID CAR

Lab ID#: 0810275-03A

No Detections Were Found.

Client Sample ID: VSP-2-101108-POST OX

Lab ID#: 0810275-04A

No Detections Were Found.

Client Sample ID: VSP-1-101108-INF

Lab ID#: 0810275-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	760	66000	2400	210000
Toluene	760	140000	2900	540000
Ethyl Benzene	760	38000	3300	160000
m,p-Xylene	760	210000	3300	910000
o-Xylene	760	92000	3300	400000
1,2,4-Trimethylbenzene	760	98000	3700	480000
1,3,5-Trimethylbenzene	760	30000	3700	140000
TPH ref. to Gasoline (MW=100)	15000	11000000	62000	45000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-101108-EFF

Lab ID#: 0810275-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7101407**	**Date of Collection:**	**10/11/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/14/08 02:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	33	63	130

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-101108-MID CAR

Lab ID#: 0810275-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7101408**	**Date of Collection:**	**10/11/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/14/08 03:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	34	63	140

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-101108-MID CAR

Lab ID#: 0810275-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101407**	**Date of Collection:**	**10/11/08**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/14/08 03:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	63	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	117	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-101108-POST OX

Lab ID#: 0810275-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101406**	**Date of Collection:**	**10/11/08**
Dil. Factor:	**1.52**	**Date of Analysis:**	**10/14/08 02:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	62	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	120	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-101108-INF

Lab ID#: 0810275-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b101413**	**Date of Collection:**	**10/11/08**
Dil. Factor:	**152**	**Date of Analysis:**	**10/14/08 03:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	760	66000	2400	210000
Toluene	760	140000	2900	540000
Ethyl Benzene	760	38000	3300	160000
m,p-Xylene	760	210000	3300	910000
o-Xylene	760	92000	3300	400000
Tetrachloroethene	760	Not Detected	5200	Not Detected
Trichloroethene	760	Not Detected	4100	Not Detected
1,2,4-Trimethylbenzene	760	98000	3700	480000
1,3,5-Trimethylbenzene	760	30000	3700	140000
TPH ref. to Gasoline (MW=100)	15000	11000000	62000	45000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0810275-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b101407**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 11:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0810275-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7101405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 12:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0810275-06C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 01:27 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	124	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0810275-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b101403**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 09:52 AM**

Compound	**%Recovery**
Benzene	105
Toluene	107
Ethyl Benzene	110
m,p-Xylene	110
o-Xylene	111
Tetrachloroethene	114
Trichloroethene	101
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0810275-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7101402**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 09:25 AM**

Compound	**%Recovery**
Benzene	88
Toluene	89
Ethyl Benzene	90
m,p-Xylene	88
o-Xylene	92
Tetrachloroethene	89
Trichloroethene	95
1,2,4-Trimethylbenzene	80
1,3,5-Trimethylbenzene	88
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0810275-07C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101402**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 09:23 AM**

Compound	**%Recovery**
Benzene	84
Toluene	98
Ethyl Benzene	102
m,p-Xylene	104
o-Xylene	106
Tetrachloroethene	106
Trichloroethene	99
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	124	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0810275-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b101405**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 10:47 AM**

Compound	**%Recovery**
Benzene	106
Toluene	106
Ethyl Benzene	108
m,p-Xylene	108
o-Xylene	109
Tetrachloroethene	112
Trichloroethene	101
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0810275-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7101403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 10:25 AM**	

Compound	**%Recovery**
Benzene	94
Toluene	98
Ethyl Benzene	91
m,p-Xylene	90
o-Xylene	93
Tetrachloroethene	93
Trichloroethene	98
1,2,4-Trimethylbenzene	78
1,3,5-Trimethylbenzene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0810275-08C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101403**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/14/08 10:54 AM**

Compound	**%Recovery**
Benzene	81
Toluene	98
Ethyl Benzene	97
m,p-Xylene	99
o-Xylene	102
Tetrachloroethene	104
Trichloroethene	95
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	124	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NEEKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: LFR Email: MICHAEL.NEEKY@LFR.COM
Address: 14201 N 87th St #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: 014-1002216.1007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-101108-EFF	3744	10/11/08	0532	TO 15 + TPH	-28.0	-3.5		
02A	VSP-3-101108-MID CAR	23883	↓	0538	↓	-28.0	-3.5		
03A	VSP-3D-101108-MID CAR	10776	↓	0538	↓	-28.0	-3.0		
04A	VSP-2-101108-POST OX	20943	↓	0542	↓	-28.0	-3.0		
05A	VSP-1-101108-INF	34223	↓	0550	↓	-28.0	-1.0		

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Mark Hammer 10/11/08 1300	Ship N Mail FedEx 10/11/08 1300
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
	Monica Gregson ATL 10/13/08 900
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No (None)	0810275

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

6/4/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 014-1002216/007
Workorder #: 0905574

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 5/26/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for you air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0905574

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	014-1002216/007 Silvercroft
DATE RECEIVED:	05/26/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	06/04/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-052009-EFF	Modified TO-15	2.5 "Hg	15 psi
02A	VSP-4D-052009-EFF	Modified TO-15	2.5 "Hg	15 psi
03A	VSP-3-052009-MID CAR	Modified TO-15	5.0 "Hg	15 psi
03AA	VSP-3-052009-MID CAR Lab Duplicate	Modified TO-15	5.0 "Hg	15 psi
04A	VSP-2-052009-POST OX	Modified TO-15	7.5 "Hg	15 psi
05A	VSP-1-052009-INF	Modified TO-15	2.5 "Hg	15 psi
05AA	VSP-1-052009-INF Lab Duplicate	Modified TO-15	2.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
06C	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
07C	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08C	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/04/09

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0905574

Five 1 Liter Summa Canister samples were received on May 26, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for TPH gasoline were reported as not-detected in samples VSP-4-052009-EFF, VSP-4D-052009-EFF, VSP-3-052009-MID CAR and VSP-2-052009-POST OX since the chromatographic profiles were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-052009-EFF

Lab ID#: 0905574-01A

No Detections Were Found.

Client Sample ID: VSP-4D-052009-EFF

Lab ID#: 0905574-02A

No Detections Were Found.

Client Sample ID: VSP-3-052009-MID CAR

Lab ID#: 0905574-03A

No Detections Were Found.

Client Sample ID: VSP-3-052009-MID CAR Lab Duplicate

Lab ID#: 0905574-03AA

No Detections Were Found.

Client Sample ID: VSP-2-052009-POST OX

Lab ID#: 0905574-04A

No Detections Were Found.

Client Sample ID: VSP-1-052009-INF

Lab ID#: 0905574-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	550	72000	1800	230000
Toluene	550	130000	2100	480000
Ethyl Benzene	550	18000	2400	78000
m,p-Xylene	550	170000	2400	730000
o-Xylene	550	79000	2400	340000
1,2,4-Trimethylbenzene	550	100000	2700	520000
1,3,5-Trimethylbenzene	550	27000	2700	130000
TPH ref. to Gasoline (MW=100)	11000	6700000	45000	27000000

Client Sample ID: VSP-1-052009-INF Lab Duplicate

Lab ID#: 0905574-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-1-052009-INF Lab Duplicate

Lab ID#: 0905574-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	74000	3500	240000
Toluene	1100	130000	4100	500000
Ethyl Benzene	1100	19000	4800	81000
m,p-Xylene	1100	180000	4800	770000
o-Xylene	1100	82000	4800	360000
1,2,4-Trimethylbenzene	1100	100000	5400	500000
1,3,5-Trimethylbenzene	1100	27000	5400	130000
TPH ref. to Gasoline (MW=100)	22000	6600000	90000	27000000

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Client Sample ID: VSP-4-052009-EFF

Lab ID#: 0905574-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060325**	**Date of Collection:**	**5/20/09 5:25:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/4/09 12:25 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	105	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-4D-052009-EFF

Lab ID#: 0905574-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060207**	**Date of Collection:**	**5/20/09 5:25:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/2/09 01:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	106	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-3-052009-MID CAR

Lab ID#: 0905574-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060208**	**Date of Collection:**	**5/20/09 5:30:00 PM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**6/2/09 01:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	24	Not Detected	99	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	107	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-3-052009-MID CAR Lab Duplicate

Lab ID#: 0905574-03AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060212**	**Date of Collection:**	**5/20/09 5:30:00 PM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**6/2/09 05:00 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	24	Not Detected	99	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-2-052009-POST OX

Lab ID#: 0905574-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060211**	**Date of Collection:**	**5/20/09 5:35:00 PM**
Dil. Factor:	**2.69**	**Date of Analysis:**	**6/2/09 04:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.3	Not Detected	4.3	Not Detected
Toluene	1.3	Not Detected	5.1	Not Detected
Ethyl Benzene	1.3	Not Detected	5.8	Not Detected
m,p-Xylene	1.3	Not Detected	5.8	Not Detected
o-Xylene	1.3	Not Detected	5.8	Not Detected
Tetrachloroethene	1.3	Not Detected	9.1	Not Detected
Trichloroethene	1.3	Not Detected	7.2	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.6	Not Detected
TPH ref. to Gasoline (MW=100)	27	Not Detected	110	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-1-052009-INF

Lab ID#: 0905574-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w060321**	**Date of Collection:**	**5/20/09 5:40:00 PM**
Dil. Factor:	**110**	**Date of Analysis:**	**6/3/09 08:00 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	550	72000	1800	230000
Toluene	550	130000	2100	480000
Ethyl Benzene	550	18000	2400	78000
m,p-Xylene	550	170000	2400	730000
o-Xylene	550	79000	2400	340000
Tetrachloroethene	550	Not Detected	3700	Not Detected
Trichloroethene	550	Not Detected	3000	Not Detected
1,2,4-Trimethylbenzene	550	100000	2700	520000
1,3,5-Trimethylbenzene	550	27000	2700	130000
TPH ref. to Gasoline (MW=100)	11000	6700000	45000	27000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-1-052009-INF Lab Duplicate

Lab ID#: 0905574-05AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w060320**	**Date of Collection:**	**5/20/09 5:40:00 PM**
Dil. Factor:	**220**	**Date of Analysis:**	**6/3/09 07:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	74000	3500	240000
Toluene	1100	130000	4100	500000
Ethyl Benzene	1100	19000	4800	81000
m,p-Xylene	1100	180000	4800	770000
o-Xylene	1100	82000	4800	360000
Tetrachloroethene	1100	Not Detected	7500	Not Detected
Trichloroethene	1100	Not Detected	5900	Not Detected
1,2,4-Trimethylbenzene	1100	100000	5400	500000
1,3,5-Trimethylbenzene	1100	27000	5400	130000
TPH ref. to Gasoline (MW=100)	22000	6600000	90000	27000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0905574-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/09 12:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0905574-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/3/09 07:42 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0905574-06C

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w060317**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/3/09 05:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0905574-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060202a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/09 08:12 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	110
Ethyl Benzene	112
m,p-Xylene	112
o-Xylene	114
Tetrachloroethene	111
Trichloroethene	112
1,2,4-Trimethylbenzene	115
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	109	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0905574-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/3/09 06:29 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	106
Ethyl Benzene	106
m,p-Xylene	106
o-Xylene	104
Tetrachloroethene	104
Trichloroethene	106
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0905574-07C

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w060303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/3/09 10:24 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	105
Ethyl Benzene	109
m,p-Xylene	112
o-Xylene	110
Tetrachloroethene	115
Trichloroethene	104
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

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Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0905574-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/09 10:06 AM**	

Compound	**%Recovery**
Benzene	84
Toluene	89
Ethyl Benzene	85
m,p-Xylene	85
o-Xylene	86
Tetrachloroethene	86
Trichloroethene	86
1,2,4-Trimethylbenzene	85
1,3,5-Trimethylbenzene	84
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	108	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0905574-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t060303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/3/09 07:05 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	92
Ethyl Benzene	88
m,p-Xylene	87
o-Xylene	88
Tetrachloroethene	89
Trichloroethene	88
1,2,4-Trimethylbenzene	83
1,3,5-Trimethylbenzene	82
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	106	70-130

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Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0905574-08C

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w060307**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/3/09 12:42 PM**	

Compound	**%Recovery**
Benzene	107
Toluene	113
Ethyl Benzene	115
m,p-Xylene	118
o-Xylene	115
Tetrachloroethene	119
Trichloroethene	112
1,2,4-Trimethylbenzene	119
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: LFR, INC Email: MICHAEL.NESKY@LFR.COM
Address: 13201 NORTH 35TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: 014-1002216/007
Project Name: SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-052009-EFF	35554	5/20/09	1725	TO 15	-29.5	-1		
02A	VSP-4D-052009-EFF	3397	↓	1725	↓	-29.5	-1		
03A	VSP-3-052009-MID CAR	35547		1730		-30	-1		
04A	VSP-2-052009-POST OX	36566		1735		-29	-1		
05A	VSP-1-052009-INF	36374	↓	1740	↓	-29	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	5/21/09 1825	FedEx Kinkots	5/21/09 1825
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Greeson AIR	5/26/09 920
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No None	0905574

Form 1292 rev. 1

Air Toxics LTD.
Laboratory Services Since 1989

7/9/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 0141002217-007
Workorder #: 0906614

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 6/25/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for you air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0906614

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002217-007 Silvercroft
DATE RECEIVED:	06/25/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/08/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	SVE-062409-INF	Modified TO-15	5.2 "Hg	15 psi
02A	SVE-062409-POST OX	Modified TO-15	5.4 "Hg	15 psi
03A	SVE-062409-MID CAR	Modified TO-15	5.4 "Hg	15 psi
04A	SVE-062409-EFF	Modified TO-15	5.8 "Hg	15 psi
05A	SVE-062409-EFFD	Modified TO-15	5.8 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 07/09/09

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0906614

Five 1 Liter Summa Canister samples were received on June 25, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The results for TPH gasoline were reported as not-detected in samples SVE-062409-EFF and SVE-062409-EFFD since the chromatographic profiles were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: SVE-062409-INF

Lab ID#: 0906614-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	100000	3900	320000
Toluene	1200	190000	4600	710000
Ethyl Benzene	1200	22000	5300	97000
m,p-Xylene	1200	160000	5300	680000
o-Xylene	1200	69000	5300	300000
1,2,4-Trimethylbenzene	1200	120000	6000	590000
1,3,5-Trimethylbenzene	1200	31000	6000	150000
TPH ref. to Gasoline (MW=100)	24000	9500000	100000	39000000

Client Sample ID: SVE-062409-POST OX

Lab ID#: 0906614-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	54	3.9	170
Toluene	1.2	99	4.6	370
Ethyl Benzene	1.2	8.9	5.3	39
m,p-Xylene	1.2	61	5.3	260
o-Xylene	1.2	28	5.3	120
1,2,4-Trimethylbenzene	1.2	54	6.0	270
1,3,5-Trimethylbenzene	1.2	12	6.0	57
TPH ref. to Gasoline (MW=100)	25	4300	100	17000

Client Sample ID: SVE-062409-MID CAR

Lab ID#: 0906614-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	1.3	4.6	4.8
1,2,4-Trimethylbenzene	1.2	1.9	6.0	9.2
TPH ref. to Gasoline (MW=100)	25	120	100	490

Client Sample ID: SVE-062409-EFF

Lab ID#: 0906614-04A

No Detections Were Found.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-062409-EFFD

Lab ID#: 0906614-05A

No Detections Were Found.

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SVE-062409-INF

Lab ID#: 0906614-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070709**	**Date of Collection:**	**6/24/09 10:45:00 AM**
Dil. Factor:	**244**	**Date of Analysis:**	**7/7/09 02:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	100000	3900	320000
Toluene	1200	190000	4600	710000
Ethyl Benzene	1200	22000	5300	97000
m,p-Xylene	1200	160000	5300	680000
o-Xylene	1200	69000	5300	300000
Tetrachloroethene	1200	Not Detected	8300	Not Detected
Trichloroethene	1200	Not Detected	6600	Not Detected
1,2,4-Trimethylbenzene	1200	120000	6000	590000
1,3,5-Trimethylbenzene	1200	31000	6000	150000
TPH ref. to Gasoline (MW=100)	24000	9500000	100000	39000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

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Laboratory Services Since 1989

Client Sample ID: SVE-062409-POST OX

Lab ID#: 0906614-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070620**	**Date of Collection:**	**6/24/09 10:50:00 AM**
Dil. Factor:	**2.46**	**Date of Analysis:**	**7/6/09 08:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	54	3.9	170
Toluene	1.2	99	4.6	370
Ethyl Benzene	1.2	8.9	5.3	39
m,p-Xylene	1.2	61	5.3	260
o-Xylene	1.2	28	5.3	120
Tetrachloroethene	1.2	Not Detected	8.3	Not Detected
Trichloroethene	1.2	Not Detected	6.6	Not Detected
1,2,4-Trimethylbenzene	1.2	54	6.0	270
1,3,5-Trimethylbenzene	1.2	12	6.0	57
TPH ref. to Gasoline (MW=100)	25	4300	100	17000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: SVE-062409-MID CAR

Lab ID#: 0906614-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070621**	**Date of Collection:**	**6/24/09 10:55:00 AM**
Dil. Factor:	**2.46**	**Date of Analysis:**	**7/6/09 08:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	1.3	4.6	4.8
Ethyl Benzene	1.2	Not Detected	5.3	Not Detected
m,p-Xylene	1.2	Not Detected	5.3	Not Detected
o-Xylene	1.2	Not Detected	5.3	Not Detected
Tetrachloroethene	1.2	Not Detected	8.3	Not Detected
Trichloroethene	1.2	Not Detected	6.6	Not Detected
1,2,4-Trimethylbenzene	1.2	1.9	6.0	9.2
1,3,5-Trimethylbenzene	1.2	Not Detected	6.0	Not Detected
TPH ref. to Gasoline (MW=100)	25	120	100	490

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	111	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SVE-062409-EFF

Lab ID#: 0906614-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070622**	**Date of Collection:**	**6/24/09 11:00:00 AM**
Dil. Factor:	**2.50**	**Date of Analysis:**	**7/6/09 09:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	4.0	Not Detected
Toluene	1.2	Not Detected	4.7	Not Detected
Ethyl Benzene	1.2	Not Detected	5.4	Not Detected
m,p-Xylene	1.2	Not Detected	5.4	Not Detected
o-Xylene	1.2	Not Detected	5.4	Not Detected
Tetrachloroethene	1.2	Not Detected	8.5	Not Detected
Trichloroethene	1.2	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	6.1	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	6.1	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: SVE-062409-EFFD

Lab ID#: 0906614-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070624**	**Date of Collection:**	**6/24/09 11:00:00 AM**
Dil. Factor:	**2.50**	**Date of Analysis:**	**7/6/09 11:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	4.0	Not Detected
Toluene	1.2	Not Detected	4.7	Not Detected
Ethyl Benzene	1.2	Not Detected	5.4	Not Detected
m,p-Xylene	1.2	Not Detected	5.4	Not Detected
o-Xylene	1.2	Not Detected	5.4	Not Detected
Tetrachloroethene	1.2	Not Detected	8.5	Not Detected
Trichloroethene	1.2	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	6.1	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	6.1	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	128	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0906614-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070613**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/6/09 02:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0906614-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070708**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/7/09 12:18 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0906614-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070611**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/6/09 01:36 PM**	

Compound	**%Recovery**
Benzene	108
Toluene	107
Ethyl Benzene	104
m,p-Xylene	100
o-Xylene	106
Tetrachloroethene	103
Trichloroethene	108
1,2,4-Trimethylbenzene	102
1,3,5-Trimethylbenzene	87
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0906614-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/7/09 09:18 AM**	

Compound	**%Recovery**
Benzene	110
Toluene	110
Ethyl Benzene	115
m,p-Xylene	117
o-Xylene	117
Tetrachloroethene	120
Trichloroethene	110
1,2,4-Trimethylbenzene	121
1,3,5-Trimethylbenzene	114
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0906614-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**d070612**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/6/09 02:01 PM**	

Compound	**%Recovery**
Benzene	106
Toluene	109
Ethyl Benzene	98
m,p-Xylene	94
o-Xylene	103
Tetrachloroethene	100
Trichloroethene	105
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	84
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0906614-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/7/09 10:09 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	95
Ethyl Benzene	96
m,p-Xylene	98
o-Xylene	97
Tetrachloroethene	97
Trichloroethene	91
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Mark Hammer / Mark Hammer
Company: LFR
Email: michael.nesky@LFR.com
Address: 14201 N. 87th St., 135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 01410022217-007
Project Name: Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	SVE - 062409 - INF	3328	6/24/09	1045	TO 15	-28	-2		
02A	SVE - 062409 - POST OX	3189		1050		-28	-2		
03A	SVE - 062409 - MCD CAR	3269		1055		-28	-1.5		
04A	SVE - 062409 - EFF	3323		1100		-28	-2		
05A	SVE - 062409 - EFFD	3187		1100		-28	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	6/24/09 1550	Mark Hammer / FedX	6/24/09 1550
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Grogan ATL	6/25/09 915
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes: (SVE = VSP)

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8168 2427 6476 5	NA	Good	Yes No None	0906614

Form 1285 rev. 11

Air Toxics LTD.
Laboratory Services Since 1989

8/10/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 0141002217-007
Workorder #: 0907534

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 7/24/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0907534

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002217-007 Silvercroft
DATE RECEIVED:	07/24/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	08/10/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-072209-EFF	Modified TO-15	5.0 "Hg	15 psi
02A	VSP-072209-EFF-Dup	Modified TO-15	4.5 "Hg	15 psi
03A	VSP-072209-MIDCRB	Modified TO-15	5.0 "Hg	15 psi
04A	VSP-072209-POST OX	Modified TO-15	4.0 "Hg	15 psi
04AA	VSP-072209-POST OX Lab Duplicate	Modified TO-15	4.0 "Hg	15 psi
05A	VSP-072209-INF	Modified TO-15	4.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 08/10/09

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/08, Expiration date: 06/30/09
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0907534

Five 1 Liter Summa Canister samples were received on July 24, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-072209-EFF

Lab ID#: 0907534-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	24	140	99	580

Client Sample ID: VSP-072209-EFF-Dup

Lab ID#: 0907534-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	24	40	97	160

Client Sample ID: VSP-072209-MIDCRB

Lab ID#: 0907534-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	1.2	140	8.2	930
Trichloroethene	1.2	2.3	6.5	12
TPH ref. to Gasoline (MW=100)	24	140	99	580

Client Sample ID: VSP-072209-POST OX

Lab ID#: 0907534-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	2.1	3.7	6.6
Toluene	1.2	2.6	4.4	9.8
Ethyl Benzene	1.2	1.8	5.0	7.8
m,p-Xylene	1.2	7.6	5.0	33
o-Xylene	1.2	2.7	5.0	12
1,2,4-Trimethylbenzene	1.2	7.3	5.7	36
1,3,5-Trimethylbenzene	1.2	2.2	5.7	11
TPH ref. to Gasoline (MW=100)	23	200	95	800

Client Sample ID: VSP-072209-POST OX Lab Duplicate

Lab ID#: 0907534-04AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	2.1	3.7	6.6

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-072209-POST OX Lab Duplicate

Lab ID#: 0907534-04AA

Toluene	1.2	2.6	4.4	9.6
Ethyl Benzene	1.2	1.6	5.0	7.2
m,p-Xylene	1.2	7.6	5.0	33
o-Xylene	1.2	2.7	5.0	12
1,2,4-Trimethylbenzene	1.2	7.5	5.7	37
1,3,5-Trimethylbenzene	1.2	2.2	5.7	11
TPH ref. to Gasoline (MW=100)	23	190	95	790

Client Sample ID: VSP-072209-INF

Lab ID#: 0907534-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	600	88000	1900	280000
Toluene	600	190000	2200	720000
Ethyl Benzene	600	16000	2600	71000
m,p-Xylene	600	110000	2600	470000
o-Xylene	600	43000	2600	190000
1,2,4-Trimethylbenzene	600	54000	2900	260000
1,3,5-Trimethylbenzene	600	13000	2900	66000
TPH ref. to Gasoline (MW=100)	12000	6800000	49000	28000000

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Laboratory Services Since 1989

Client Sample ID: VSP-072209-EFF

Lab ID#: 0907534-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080714**	**Date of Collection:**	**7/22/09 11:35:00 AM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**8/7/09 03:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	24	140	99	580

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-072209-EFF-Dup

Lab ID#: 0907534-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080715**	**Date of Collection:**	**7/22/09 11:35:00 AM**
Dil. Factor:	**2.38**	**Date of Analysis:**	**8/7/09 04:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	24	40	97	160

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-072209-MIDCRB

Lab ID#: 0907534-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080716**	**Date of Collection:**	**7/22/09 11:40:00 AM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**8/7/09 05:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	140	8.2	930
Trichloroethene	1.2	2.3	6.5	12
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	24	140	99	580

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VSP-072209-POST OX

Lab ID#: 0907534-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080717**	**Date of Collection:**	**7/22/09 11:45:00 AM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**8/7/09 06:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	2.1	3.7	6.6
Toluene	1.2	2.6	4.4	9.8
Ethyl Benzene	1.2	1.8	5.0	7.8
m,p-Xylene	1.2	7.6	5.0	33
o-Xylene	1.2	2.7	5.0	12
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	7.3	5.7	36
1,3,5-Trimethylbenzene	1.2	2.2	5.7	11
TPH ref. to Gasoline (MW=100)	23	200	95	800

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072209-POST OX Lab Duplicate

Lab ID#: 0907534-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080718**	**Date of Collection:**	**7/22/09 11:45:00 AM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**8/7/09 07:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	2.1	3.7	6.6
Toluene	1.2	2.6	4.4	9.6
Ethyl Benzene	1.2	1.6	5.0	7.2
m,p-Xylene	1.2	7.6	5.0	33
o-Xylene	1.2	2.7	5.0	12
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	7.5	5.7	37
1,3,5-Trimethylbenzene	1.2	2.2	5.7	11
TPH ref. to Gasoline (MW=100)	23	190	95	790

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072209-INF

Lab ID#: 0907534-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w080613**	**Date of Collection:**	**7/22/09 11:49:00 AM**
Dil. Factor:	**119**	**Date of Analysis:**	**8/6/09 07:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	600	88000	1900	280000
Toluene	600	190000	2200	720000
Ethyl Benzene	600	16000	2600	71000
m,p-Xylene	600	110000	2600	470000
o-Xylene	600	43000	2600	190000
Tetrachloroethene	600	Not Detected	4000	Not Detected
Trichloroethene	600	Not Detected	3200	Not Detected
1,2,4-Trimethylbenzene	600	54000	2900	260000
1,3,5-Trimethylbenzene	600	13000	2900	66000
TPH ref. to Gasoline (MW=100)	12000	6800000	49000	28000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0907534-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w080608**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/6/09 02:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0907534-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080705**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/7/09 07:48 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0907534-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w080603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/6/09 11:29 AM**	

Compound	**%Recovery**
Benzene	91
Toluene	96
Ethyl Benzene	96
m,p-Xylene	94
o-Xylene	95
Tetrachloroethene	95
Trichloroethene	97
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	88
TPH ref. to Gasoline (MW=100)	93

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0907534-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/7/09 05:59 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	107
Ethyl Benzene	104
m,p-Xylene	105
o-Xylene	109
Tetrachloroethene	103
Trichloroethene	104
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	114
TPH ref. to Gasoline (MW=100)	109

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	112	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0907534-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w080604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/6/09 11:51 AM**	

Compound	**%Recovery**
Benzene	86
Toluene	95
Ethyl Benzene	89
m,p-Xylene	87
o-Xylene	88
Tetrachloroethene	87
Trichloroethene	90
1,2,4-Trimethylbenzene	91
1,3,5-Trimethylbenzene	80
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0907534-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x080703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/7/09 06:36 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	110
Ethyl Benzene	101
m,p-Xylene	101
o-Xylene	106
Tetrachloroethene	105
Trichloroethene	103
1,2,4-Trimethylbenzene	104
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	112	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on the document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Neeley
Collected by: (Print and sign) Matt Tani / M. Tani
Company LFR, Inc. Email: michael.neeley@lfr.com
Address 14201 N. 87th St, 135 City Scottsdale State AZ Zip 85260
Phone 480-905-9311 Fax 480-905-9353

Project Info:
P.O. #
Project # 014100 2247-007
Project Name Silvercroft

Turn Around Time: ☒ Normal ☐ Rush

Lab Use Only: Pressurized by: Date: Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-072209-EFF	35611	7/22/09	1135	TO15	-27.5	-1.5		
02A	VSP-072209-EFF-Dup	34597		1135		-28	-1.5		
03A	VSP-072209-MID CRB	35549		1140		-27.5	-1.5		
04A	VSP-072209-POST OX	14515		1145		-28	-1.0		
05A	VSP-072209-INF	21020		1149		-28	-1.5		

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time	Notes:
M. Tani 7/23/09 1500	FedEx Kinko 7/23/09 1500	
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time Monica Garzen AIR 7/24/09 930	
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8644 6336 4228	MA	Good	Yes No (None)	0907534

Form 128 rev.1

Air Toxics LTD.
Laboratory Services Since 1989

9/9/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 0141002217-007
Workorder #: 0908578

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 8/26/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 (5&20 ppbv) are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0908578

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002217-007 Silvercroft
DATE RECEIVED:	08/26/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/09/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-082409-EFF	Modified TO-15 (5&20 ppbv)	2.5 "Hg	15 psi
02A	VSP-082409-EFF-DUP	Modified TO-15 (5&20 ppbv)	3.0 "Hg	15 psi
03A	VSP-082409-MID CRB	Modified TO-15 (5&20 ppbv)	2.5 "Hg	15 psi
04A	VSP-082409-POST OX	Modified TO-15 (5&20 ppbv)	2.5 "Hg	15 psi
05A	VSP-082409-INF	Modified TO-15 (5&20 ppbv)	2.5 "Hg	15 psi
05AA	VSP-082409-INF Lab Duplicate	Modified TO-15 (5&20 ppbv)	2.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15 (5&20 ppbv)	NA	NA
07A	CCV	Modified TO-15 (5&20 ppbv)	NA	NA
08A	LCS	Modified TO-15 (5&20 ppbv)	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 09/09/09

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 Soil Gas
LFR Levine-Fricke
Workorder# 0908578

Five 1 Liter Summa Canister samples were received on August 26, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 50 mLs of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample VSP-082409-INF due to the presence of high level non-target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-082409-INF was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-082409-EFF

Lab ID#: 0908578-01A

No Detections Were Found.

Client Sample ID: VSP-082409-EFF-DUP

Lab ID#: 0908578-02A

No Detections Were Found.

Client Sample ID: VSP-082409-MID CRB

Lab ID#: 0908578-03A

No Detections Were Found.

Client Sample ID: VSP-082409-POST OX

Lab ID#: 0908578-04A

No Detections Were Found.

Client Sample ID: VSP-082409-INF

Lab ID#: 0908578-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	440	67000	1400	210000
Toluene	440	170000	1600	640000
Ethyl Benzene	440	16000	1900	68000
m,p-Xylene	440	90000	1900	390000
o-Xylene	440	34000	1900	150000
1,2,4-Trimethylbenzene	440	30000	2200	150000
1,3,5-Trimethylbenzene	440	8300	2200	41000
TPH ref. to Gasoline (MW=100)	8800	6500000	36000	26000000

Client Sample ID: VSP-082409-INF Lab Duplicate

Lab ID#: 0908578-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	440	66000	1400	210000
Toluene	440	170000	1600	640000
Ethyl Benzene	440	16000	1900	69000
m,p-Xylene	440	91000	1900	400000
o-Xylene	440	35000	1900	150000

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-082409-INF Lab Duplicate

Lab ID#: 0908578-05AA

1,2,4-Trimethylbenzene	440	33000	2200	160000
1,3,5-Trimethylbenzene	440	9000	2200	44000
TPH ref. to Gasoline (MW=100)	8800	6800000	36000	28000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082409-EFF

Lab ID#: 0908578-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090507**	**Date of Collection:**	**8/24/09 8:15:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**9/5/09 12:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	11	Not Detected	35	Not Detected
Toluene	11	Not Detected	41	Not Detected
Ethyl Benzene	11	Not Detected	48	Not Detected
m,p-Xylene	11	Not Detected	48	Not Detected
o-Xylene	11	Not Detected	48	Not Detected
Tetrachloroethene	11	Not Detected	75	Not Detected
Trichloroethene	11	Not Detected	59	Not Detected
1,2,4-Trimethylbenzene	11	Not Detected	54	Not Detected
1,3,5-Trimethylbenzene	11	Not Detected	54	Not Detected
TPH ref. to Gasoline (MW=100)	220	Not Detected	900	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	87	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-082409-EFF-DUP

Lab ID#: 0908578-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090508**	**Date of Collection:**	**8/24/09 8:15:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**9/5/09 01:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	11	Not Detected	36	Not Detected
Toluene	11	Not Detected	42	Not Detected
Ethyl Benzene	11	Not Detected	49	Not Detected
m,p-Xylene	11	Not Detected	49	Not Detected
o-Xylene	11	Not Detected	49	Not Detected
Tetrachloroethene	11	Not Detected	76	Not Detected
Trichloroethene	11	Not Detected	60	Not Detected
1,2,4-Trimethylbenzene	11	Not Detected	55	Not Detected
1,3,5-Trimethylbenzene	11	Not Detected	55	Not Detected
TPH ref. to Gasoline (MW=100)	220	Not Detected	920	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	87	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082409-MID CRB

Lab ID#: 0908578-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090509**	**Date of Collection:**	**8/24/09 8:20:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**9/5/09 01:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	11	Not Detected	35	Not Detected
Toluene	11	Not Detected	41	Not Detected
Ethyl Benzene	11	Not Detected	48	Not Detected
m,p-Xylene	11	Not Detected	48	Not Detected
o-Xylene	11	Not Detected	48	Not Detected
Tetrachloroethene	11	Not Detected	75	Not Detected
Trichloroethene	11	Not Detected	59	Not Detected
1,2,4-Trimethylbenzene	11	Not Detected	54	Not Detected
1,3,5-Trimethylbenzene	11	Not Detected	54	Not Detected
TPH ref. to Gasoline (MW=100)	220	Not Detected	900	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082409-POST OX

Lab ID#: 0908578-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090510**	**Date of Collection:**	**8/24/09 8:25:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**9/5/09 01:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	11	Not Detected	35	Not Detected
Toluene	11	Not Detected	41	Not Detected
Ethyl Benzene	11	Not Detected	48	Not Detected
m,p-Xylene	11	Not Detected	48	Not Detected
o-Xylene	11	Not Detected	48	Not Detected
Tetrachloroethene	11	Not Detected	75	Not Detected
Trichloroethene	11	Not Detected	59	Not Detected
1,2,4-Trimethylbenzene	11	Not Detected	54	Not Detected
1,3,5-Trimethylbenzene	11	Not Detected	54	Not Detected
TPH ref. to Gasoline (MW=100)	220	Not Detected	900	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	87	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082409-INF

Lab ID#: 0908578-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090512**	**Date of Collection:**	**8/24/09 8:30:00 PM**
Dil. Factor:	**88.0**	**Date of Analysis:**	**9/5/09 03:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	440	67000	1400	210000
Toluene	440	170000	1600	640000
Ethyl Benzene	440	16000	1900	68000
m,p-Xylene	440	90000	1900	390000
o-Xylene	440	34000	1900	150000
Tetrachloroethene	440	Not Detected	3000	Not Detected
Trichloroethene	440	Not Detected	2400	Not Detected
1,2,4-Trimethylbenzene	440	30000	2200	150000
1,3,5-Trimethylbenzene	440	8300	2200	41000
TPH ref. to Gasoline (MW=100)	8800	6500000	36000	26000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	135 Q	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082409-INF Lab Duplicate

Lab ID#: 0908578-05AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090513**	**Date of Collection:**	**8/24/09 8:30:00 PM**
Dil. Factor:	**88.0**	**Date of Analysis:**	**9/5/09 03:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	440	66000	1400	210000
Toluene	440	170000	1600	640000
Ethyl Benzene	440	16000	1900	69000
m,p-Xylene	440	91000	1900	400000
o-Xylene	440	35000	1900	150000
Tetrachloroethene	440	Not Detected	3000	Not Detected
Trichloroethene	440	Not Detected	2400	Not Detected
1,2,4-Trimethylbenzene	440	33000	2200	160000
1,3,5-Trimethylbenzene	440	9000	2200	44000
TPH ref. to Gasoline (MW=100)	8800	6800000	36000	28000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	134 Q	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0908578-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/5/09 11:39 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	88	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0908578-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/5/09 10:10 AM**	

Compound	**%Recovery**
Benzene	85
Toluene	86
Ethyl Benzene	87
m,p-Xylene	84
o-Xylene	82
Tetrachloroethene	78
Trichloroethene	88
1,2,4-Trimethylbenzene	82
1,3,5-Trimethylbenzene	78
TPH ref. to Gasoline (MW=100)	102

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0908578-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/5/09 10:41 AM**	

Compound	**%Recovery**
Benzene	91
Toluene	96
Ethyl Benzene	89
m,p-Xylene	88
o-Xylene	89
Tetrachloroethene	85
Trichloroethene	94
1,2,4-Trimethylbenzene	85
1,3,5-Trimethylbenzene	80
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Matt Tani / Matt Tani
Company: LFR Email: michael.nesky@lfr.com
Address: 14201 N. 87th St., B5 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 0141002217-007
Project Name: Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-082409-EFF	12381	8/24/09	0815AM	TO15	-29	-1		
02A	VSP-082409-EFF-DUP	34131		0815AM		-29	-1		
03A	VSP-082409-MID CRB	36521		0820AM		-29	-1		
04A	VSP-082409-POST OX	34082		0825AM		-29	-1		
05A	VSP-082409-INF	36503		0830AM		-29	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	8/25/09 1018	Pack N Ship	8/25/09 1018
		Monica Greeson ATL	8/26/09 855

Notes: times are PM! (2000 hrs)

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	868242764787	N/A	Good	Yes No None	0908578

Form 1293 rev. 1

Air Toxics LTD.
Laboratory Services Since 1989

10/19/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 0141002217-007
Workorder #: 0909683

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 9/30/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0909683

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002217-007 Silvercroft
DATE RECEIVED:	09/30/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/19/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-092909-EFF	Modified TO-15	4.0 "Hg	15 psi
02A	VSP-092909-EFF-DUP	Modified TO-15	3.5 "Hg	15 psi
03A	VSP-092909-MID CRB	Modified TO-15	4.0 "Hg	15 psi
04A	VSP-092909-POST OX	Modified TO-15	4.0 "Hg	15 psi
05A	VSP-092909-INF	Modified TO-15	4.0 "Hg	15 psi
05AA	VSP-092909-INF Lab Duplicate	Modified TO-15	4.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 10/19/09

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0909683

Five 1 Liter Summa Canister samples were received on September 30, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-092909-EFF

Lab ID#: 0909683-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	23	56 J	95	230 J

Client Sample ID: VSP-092909-EFF-DUP

Lab ID#: 0909683-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	23	34 J	94	140 J

Client Sample ID: VSP-092909-MID CRB

Lab ID#: 0909683-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	23	41 J	95	170 J

Client Sample ID: VSP-092909-POST OX

Lab ID#: 0909683-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	1.7	3.7	5.4
Toluene	1.2	3.0	4.4	11
m,p-Xylene	1.2	2.4	5.0	11
TPH ref. to Gasoline (MW=100)	23	120 J	95	470 J

Client Sample ID: VSP-092909-INF

Lab ID#: 0909683-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	63000	3700	200000
Toluene	1200	150000	4400	580000
Ethyl Benzene	1200	16000	5000	71000
m,p-Xylene	1200	96000	5000	420000
o-Xylene	1200	38000	5000	170000
1,2,4-Trimethylbenzene	1200	34000	5700	170000
1,3,5-Trimethylbenzene	1200	10000	5700	50000

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-092909-INF

Lab ID#: 0909683-05A

TPH ref. to Gasoline (MW=100)	23000	6100000	95000	25000000

Client Sample ID: VSP-092909-INF Lab Duplicate

Lab ID#: 0909683-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	66000	3700	210000
Toluene	1200	160000	4400	600000
Ethyl Benzene	1200	17000	5000	75000
m,p-Xylene	1200	95000	5000	410000
o-Xylene	1200	38000	5000	160000
1,2,4-Trimethylbenzene	1200	33000	5700	160000
1,3,5-Trimethylbenzene	1200	9900	5700	48000
TPH ref. to Gasoline (MW=100)	23000	6500000	95000	26000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092909-EFF

Lab ID#: 0909683-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101214**	**Date of Collection:**	**9/29/09 1:55:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/12/09 05:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	56 J	95	230 J

J = Estimated value due to bias in the CCV.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092909-EFF-DUP

Lab ID#: 0909683-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101215**	**Date of Collection:**	**9/29/09 1:55:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**10/12/09 06:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	34 J	94	140 J

J = Estimated value due to bias in the CCV.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	98	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-092909-MID CRB

Lab ID#: 0909683-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101216**	**Date of Collection:**	**9/29/09 2:00:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/12/09 07:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	41 J	95	170 J

J = Estimated value due to bias in the CCV.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092909-POST OX

Lab ID#: 0909683-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101217**	**Date of Collection:**	**9/29/09 2:05:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/12/09 08:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	1.7	3.7	5.4
Toluene	1.2	3.0	4.4	11
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	2.4	5.0	11
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	120 J	95	470 J

J = Estimated value due to bias in the CCV.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092909-INF

Lab ID#: 0909683-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b101512**	**Date of Collection:**	**9/29/09 2:10:00 PM**
Dil. Factor:	**233**	**Date of Analysis:**	**10/15/09 02:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	63000	3700	200000
Toluene	1200	150000	4400	580000
Ethyl Benzene	1200	16000	5000	71000
m,p-Xylene	1200	96000	5000	420000
o-Xylene	1200	38000	5000	170000
Tetrachloroethene	1200	Not Detected	7900	Not Detected
Trichloroethene	1200	Not Detected	6300	Not Detected
1,2,4-Trimethylbenzene	1200	34000	5700	170000
1,3,5-Trimethylbenzene	1200	10000	5700	50000
TPH ref. to Gasoline (MW=100)	23000	6100000	95000	25000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	84	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092909-INF Lab Duplicate

Lab ID#: 0909683-05AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b101513**	**Date of Collection:**	**9/29/09 2:10:00 PM**
Dil. Factor:	**233**	**Date of Analysis:**	**10/15/09 02:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	66000	3700	210000
Toluene	1200	160000	4400	600000
Ethyl Benzene	1200	17000	5000	75000
m,p-Xylene	1200	95000	5000	410000
o-Xylene	1200	38000	5000	160000
Tetrachloroethene	1200	Not Detected	7900	Not Detected
Trichloroethene	1200	Not Detected	6300	Not Detected
1,2,4-Trimethylbenzene	1200	33000	5700	160000
1,3,5-Trimethylbenzene	1200	9900	5700	48000
TPH ref. to Gasoline (MW=100)	23000	6500000	95000	26000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	84	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0909683-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101208**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/09 12:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0909683-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b101509**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/15/09 12:57 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0909683-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101203**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/09 08:08 AM**

Compound	**%Recovery**
Benzene	104
Toluene	102
Ethyl Benzene	106
m,p-Xylene	106
o-Xylene	105
Tetrachloroethene	106
Trichloroethene	107
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	132 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0909683-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b101506**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/15/09 11:39 AM**

Compound	**%Recovery**
Benzene	106
Toluene	101
Ethyl Benzene	106
m,p-Xylene	106
o-Xylene	105
Tetrachloroethene	101
Trichloroethene	96
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	112

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	80	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0909683-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t101204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/09 08:55 AM**	

Compound	**%Recovery**
Benzene	105
Toluene	107
Ethyl Benzene	106
m,p-Xylene	106
o-Xylene	107
Tetrachloroethene	108
Trichloroethene	107
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0909683-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**b101507**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/15/09 12:04 PM**

Compound	**%Recovery**
Benzene	109
Toluene	108
Ethyl Benzene	106
m,p-Xylene	106
o-Xylene	107
Tetrachloroethene	104
Trichloroethene	99
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	79	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Matt Tani / M. Tani
Company LFR, Inc. Email michael.nesky@lfr.com
Address 14201 N. 87th St., B5 City Scottsdale State AZ Zip 85260
Phone 480-905-9311 Fax 480-905-9353

Project Info:
P.O. #
Project # 014/002217-007
Project Name Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-092909-EFF	2112	9/29/09	1355	TO15	-28	-1		
02A	VSP-092909-EFF-DUP	36542	↓	1355	↓	-28	-1		
03A	VSP-092909-MID CRB	2046		1400		-28	-1		
04A	VSP-092909-POST OX	2085		1405		-27.5	-1		
05A	VSP-092909-INF	2123	↓	1410	↓	-27	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	9/29/09 1445	Ship'n Mail Express	9/29/09 1445
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregson ATL	9/30/09 855
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8664 6336 4088	NA	Good	Yes No None	0909683

Form 1233 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

11/11/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 0141002217-007
Workorder #: 0910561

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 10/23/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0910561

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002217-007 Silvercroft
DATE RECEIVED:	10/23/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	11/09/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-102209-EFF	Modified TO-15	3.8 "Hg	15 psi
02A	VSP-102209-EFF-DUP	Modified TO-15	3.6 "Hg	15 psi
02AA	VSP-102209-EFF-DUP Lab Duplicate	Modified TO-15	3.6 "Hg	15 psi
03A	VSP-102209-MID CARB	Modified TO-15	3.4 "Hg	15 psi
04A	VSP-102209-POST OX	Modified TO-15	3.4 "Hg	15 psi
05A	VSP-102209-INF	Modified TO-15	3.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 11/11/09

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0910561

Five 1 Liter Summa Canister samples were received on October 23, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-102209-EFF

Lab ID#: 0910561-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	26	3.7	83
Toluene	1.2	84	4.4	320
Ethyl Benzene	1.2	9.4	5.0	41
m,p-Xylene	1.2	51	5.0	220
o-Xylene	1.2	19	5.0	82
1,2,4-Trimethylbenzene	1.2	15	5.7	75
1,3,5-Trimethylbenzene	1.2	4.9	5.7	24
TPH ref. to Gasoline (MW=100)	23	2900	94	12000

Client Sample ID: VSP-102209-EFF-DUP

Lab ID#: 0910561-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	16	3.7	52
Toluene	1.2	54	4.3	200
Ethyl Benzene	1.2	5.9	5.0	26
m,p-Xylene	1.2	33	5.0	140
o-Xylene	1.2	12	5.0	53
1,2,4-Trimethylbenzene	1.2	10	5.6	51
1,3,5-Trimethylbenzene	1.2	2.6	5.6	13
TPH ref. to Gasoline (MW=100)	23	1800	94	7400

Client Sample ID: VSP-102209-EFF-DUP Lab Duplicate

Lab ID#: 0910561-02AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	2.3	16	7.3	53
Toluene	2.3	55	8.7	210
Ethyl Benzene	2.3	5.8	10	25
m,p-Xylene	2.3	33	10	140
o-Xylene	2.3	12	10	50
1,2,4-Trimethylbenzene	2.3	9.5	11	47
1,3,5-Trimethylbenzene	2.3	2.5	11	12
TPH ref. to Gasoline (MW=100)	46	1800	190	7400

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-102209-MID CARB

Lab ID#: 0910561-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	12	3.6	37
Toluene	1.1	38	4.3	140
Ethyl Benzene	1.1	4.5	4.9	19
m,p-Xylene	1.1	25	5.0	110
o-Xylene	1.1	9.5	5.0	41
1,2,4-Trimethylbenzene	1.1	9.4	5.6	46
1,3,5-Trimethylbenzene	1.1	2.3	5.6	11
TPH ref. to Gasoline (MW=100)	23	1400	93	5700

Client Sample ID: VSP-102209-POST OX

Lab ID#: 0910561-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	3.4	3.6	11
Toluene	1.1	6.7	4.3	25
m,p-Xylene	1.1	4.6	5.0	20
o-Xylene	1.1	1.8	5.0	7.8
1,2,4-Trimethylbenzene	1.1	2.5	5.6	12
TPH ref. to Gasoline (MW=100)	23	290	93	1200

Client Sample ID: VSP-102209-INF

Lab ID#: 0910561-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1900	64000	6000	210000
Toluene	1900	180000	7000	690000
Ethyl Benzene	1900	20000	8100	88000
m,p-Xylene	1900	110000	8100	460000
o-Xylene	1900	40000	8100	170000
1,2,4-Trimethylbenzene	1900	31000	9200	150000
1,3,5-Trimethylbenzene	1900	9200	9200	45000
TPH ref. to Gasoline (MW=100)	37000	5000000	150000	20000000

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Laboratory Services Since 1989

Client Sample ID: VSP-102209-EFF

Lab ID#: 0910561-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110609**	**Date of Collection:**	**10/22/09 1:25:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**11/6/09 12:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	26	3.7	83
Toluene	1.2	84	4.4	320
Ethyl Benzene	1.2	9.4	5.0	41
m,p-Xylene	1.2	51	5.0	220
o-Xylene	1.2	19	5.0	82
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	15	5.7	75
1,3,5-Trimethylbenzene	1.2	4.9	5.7	24
TPH ref. to Gasoline (MW=100)	23	2900	94	12000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102209-EFF-DUP

Lab ID#: 0910561-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110611**	**Date of Collection:**	**10/22/09 1:25:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**11/6/09 02:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	16	3.7	52
Toluene	1.2	54	4.3	200
Ethyl Benzene	1.2	5.9	5.0	26
m,p-Xylene	1.2	33	5.0	140
o-Xylene	1.2	12	5.0	53
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	10	5.6	51
1,3,5-Trimethylbenzene	1.2	2.6	5.6	13
TPH ref. to Gasoline (MW=100)	23	1800	94	7400

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102209-EFF-DUP Lab Duplicate

Lab ID#: 0910561-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110610**	**Date of Collection:**	**10/22/09 1:25:00 PM**
Dil. Factor:	**4.60**	**Date of Analysis:**	**11/6/09 01:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	2.3	16	7.3	53
Toluene	2.3	55	8.7	210
Ethyl Benzene	2.3	5.8	10	25
m,p-Xylene	2.3	33	10	140
o-Xylene	2.3	12	10	50
Tetrachloroethene	2.3	Not Detected	16	Not Detected
Trichloroethene	2.3	Not Detected	12	Not Detected
1,2,4-Trimethylbenzene	2.3	9.5	11	47
1,3,5-Trimethylbenzene	2.3	2.5	11	12
TPH ref. to Gasoline (MW=100)	46	1800	190	7400

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	97	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-102209-MID CARB

Lab ID#: 0910561-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110615**	**Date of Collection:**	**10/22/09 1:30:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**11/6/09 05:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	12	3.6	37
Toluene	1.1	38	4.3	140
Ethyl Benzene	1.1	4.5	4.9	19
m,p-Xylene	1.1	25	5.0	110
o-Xylene	1.1	9.5	5.0	41
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	9.4	5.6	46
1,3,5-Trimethylbenzene	1.1	2.3	5.6	11
TPH ref. to Gasoline (MW=100)	23	1400	93	5700

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102209-POST OX

Lab ID#: 0910561-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110616**	**Date of Collection:**	**10/22/09 1:38:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**11/6/09 05:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	3.4	3.6	11
Toluene	1.1	6.7	4.3	25
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	4.6	5.0	20
o-Xylene	1.1	1.8	5.0	7.8
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	2.5	5.6	12
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	290	93	1200

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102209-INF

Lab ID#: 0910561-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110620**	**Date of Collection:**	**10/22/09 1:45:00 PM**
Dil. Factor:	**373**	**Date of Analysis:**	**11/7/09 02:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1900	64000	6000	210000
Toluene	1900	180000	7000	690000
Ethyl Benzene	1900	20000	8100	88000
m,p-Xylene	1900	110000	8100	460000
o-Xylene	1900	40000	8100	170000
Tetrachloroethene	1900	Not Detected	13000	Not Detected
Trichloroethene	1900	Not Detected	10000	Not Detected
1,2,4-Trimethylbenzene	1900	31000	9200	150000
1,3,5-Trimethylbenzene	1900	9200	9200	45000
TPH ref. to Gasoline (MW=100)	37000	5000000	150000	20000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0910561-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110608**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/6/09 11:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0910561-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/6/09 10:28 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	87	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0910561-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110605**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 11/6/09 09:33 AM**

Compound	**%Recovery**
Benzene	119
Toluene	119
Ethyl Benzene	119
m,p-Xylene	120
o-Xylene	118
Tetrachloroethene	118
Trichloroethene	120
1,2,4-Trimethylbenzene	104
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	128

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0910561-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/6/09 06:55 PM**	

Compound	**%Recovery**
Benzene	107
Toluene	101
Ethyl Benzene	105
m,p-Xylene	105
o-Xylene	103
Tetrachloroethene	98
Trichloroethene	96
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	93

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0910561-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/6/09 10:19 AM**	

Compound	**%Recovery**
Benzene	116
Toluene	122
Ethyl Benzene	114
m,p-Xylene	116
o-Xylene	115
Tetrachloroethene	115
Trichloroethene	117
1,2,4-Trimethylbenzene	104
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0910561-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/6/09 07:19 PM**	

Compound	**%Recovery**
Benzene	106
Toluene	104
Ethyl Benzene	99
m,p-Xylene	99
o-Xylene	100
Tetrachloroethene	96
Trichloroethene	97
1,2,4-Trimethylbenzene	91
1,3,5-Trimethylbenzene	87
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	86	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Mark Hammer / Mark Hammer
Company: LFR INC. Email: michael.nesky@lfr.com
Address: 4201 W 31st St #135 City: Sodbine State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: 014100 2217-057
Project Name: Silverbrook

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-102209-EFF	34104	10/22/09	1325	TO15 + TPH	-28.5	-2.0		
02A	VSP-102209-EFF-DUP	34631	↓	1325	↓	-28.5	-2.0		
03A	VSP-102209-MID CARB	34638	↓	1330	↓	-28.5	-2.0		
04A	VSP-102209-POST OX	33729	↓	1338	↓	-28.5	-2.0		
05A	VSP-102209-INF	35637	↓	1345	↓	-28.5	-2.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	10/22/09 1440	FedEx	10/22/09 1440
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregsen AIL	10/23/09 905
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8669 1633 6411 4	NA	good	Yes No None	0910561

Form 1298 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

12/28/2009
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: 0141002217-007
Workorder #: 0912249

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 12/10/2009 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 0912249

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	0141002217-007 Silvercroft
DATE RECEIVED:	12/10/2009	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/28/2009		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-120809-EFF	Modified TO-15	2.5 "Hg	15 psi
02A	VSP-120809-EFF-DUP	Modified TO-15	2.0 "Hg	15 psi
03A	VSP-120809-MID CARB	Modified TO-15	2.5 "Hg	15 psi
04A	VSP-120809-POST OX	Modified TO-15	2.5 "Hg	15 psi
05A	VSP-120809-INF	Modified TO-15	3.0 "Hg	15 psi
05AA	VSP-120809-INF Lab Duplicate	Modified TO-15	3.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 12/28/09

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0912249

Five 1 Liter Summa Canister samples were received on December 10, 2009. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-120809-EFF

Lab ID#: 0912249-01A

No Detections Were Found.

Client Sample ID: VSP-120809-EFF-DUP

Lab ID#: 0912249-02A

No Detections Were Found.

Client Sample ID: VSP-120809-MID CARB

Lab ID#: 0912249-03A

No Detections Were Found.

Client Sample ID: VSP-120809-POST OX

Lab ID#: 0912249-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	5.3	3.5	17
Toluene	1.1	23	4.1	85
Ethyl Benzene	1.1	7.2	4.8	31
m,p-Xylene	1.1	71	4.8	310
o-Xylene	1.1	31	4.8	130
1,2,4-Trimethylbenzene	1.1	22	5.4	110
1,3,5-Trimethylbenzene	1.1	7.3	5.4	36
TPH ref. to Gasoline (MW=100)	22	780	90	3200

Client Sample ID: VSP-120809-INF

Lab ID#: 0912249-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	57000	3600	180000
Toluene	1100	170000	4200	650000
Ethyl Benzene	1100	18000	4900	79000
m,p-Xylene	1100	120000	4900	540000
o-Xylene	1100	46000	4900	200000
1,2,4-Trimethylbenzene	1100	29000	5500	140000
1,3,5-Trimethylbenzene	1100	8500	5500	42000
TPH ref. to Gasoline (MW=100)	22000	7200000	92000	29000000

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Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-120809-INF Lab Duplicate

Lab ID#: 0912249-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	45000	3600	140000
Toluene	1100	140000	4200	520000
Ethyl Benzene	1100	17000	4900	75000
m,p-Xylene	1100	120000	4900	520000
o-Xylene	1100	46000	4900	200000
1,2,4-Trimethylbenzene	1100	32000	5500	160000
1,3,5-Trimethylbenzene	1100	10000	5500	50000
TPH ref. to Gasoline (MW=100)	22000	6300000	92000	26000000

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Client Sample ID: VSP-120809-EFF

Lab ID#: 0912249-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121714**	**Date of Collection:**	**12/8/09 4:20:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**12/17/09 05:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	100	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-120809-EFF-DUP

Lab ID#: 0912249-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121715**	**Date of Collection:**	**12/8/09 4:20:00 PM**
Dil. Factor:	**2.16**	**Date of Analysis:**	**12/17/09 06:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.4	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	Not Detected	4.7	Not Detected
o-Xylene	1.1	Not Detected	4.7	Not Detected
Tetrachloroethene	1.1	Not Detected	7.3	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	88	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	100	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-120809-MID CARB

Lab ID#: 0912249-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121716**	**Date of Collection:**	**12/8/09 4:25:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**12/17/09 07:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VSP-120809-POST OX

Lab ID#: 0912249-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121717**	**Date of Collection:**	**12/8/09 4:30:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**12/17/09 08:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	5.3	3.5	17
Toluene	1.1	23	4.1	85
Ethyl Benzene	1.1	7.2	4.8	31
m,p-Xylene	1.1	71	4.8	310
o-Xylene	1.1	31	4.8	130
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	22	5.4	110
1,3,5-Trimethylbenzene	1.1	7.3	5.4	36
TPH ref. to Gasoline (MW=100)	22	780	90	3200

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-120809-INF

Lab ID#: 0912249-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w121728**	**Date of Collection:**	**12/8/09 4:35:00 PM**
Dil. Factor:	**224**	**Date of Analysis:**	**12/18/09 02:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	57000	3600	180000
Toluene	1100	170000	4200	650000
Ethyl Benzene	1100	18000	4900	79000
m,p-Xylene	1100	120000	4900	540000
o-Xylene	1100	46000	4900	200000
Tetrachloroethene	1100	Not Detected	7600	Not Detected
Trichloroethene	1100	Not Detected	6000	Not Detected
1,2,4-Trimethylbenzene	1100	29000	5500	140000
1,3,5-Trimethylbenzene	1100	8500	5500	42000
TPH ref. to Gasoline (MW=100)	22000	7200000	92000	29000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-120809-INF Lab Duplicate

Lab ID#: 0912249-05AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w121729**	**Date of Collection:**	**12/8/09 4:35:00 PM**
Dil. Factor:	**224**	**Date of Analysis:**	**12/18/09 02:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	45000	3600	140000
Toluene	1100	140000	4200	520000
Ethyl Benzene	1100	17000	4900	75000
m,p-Xylene	1100	120000	4900	520000
o-Xylene	1100	46000	4900	200000
Tetrachloroethene	1100	Not Detected	7600	Not Detected
Trichloroethene	1100	Not Detected	6000	Not Detected
1,2,4-Trimethylbenzene	1100	32000	5500	160000
1,3,5-Trimethylbenzene	1100	10000	5500	50000
TPH ref. to Gasoline (MW=100)	22000	6300000	92000	26000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: Lab Blank

Lab ID#: 0912249-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121711a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/09 02:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 0912249-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w121713**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/18/09 12:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0912249-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/09 07:33 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	101
Ethyl Benzene	97
m,p-Xylene	96
o-Xylene	96
Tetrachloroethene	96
Trichloroethene	102
1,2,4-Trimethylbenzene	92
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	104

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 0912249-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w121702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/09 05:44 PM**	

Compound	**%Recovery**
Benzene	88
Toluene	86
Ethyl Benzene	90
m,p-Xylene	91
o-Xylene	94
Tetrachloroethene	92
Trichloroethene	89
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	90
TPH ref. to Gasoline (MW=100)	99

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	107	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0912249-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6121703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/09 07:59 AM**	

Compound	**%Recovery**
Benzene	94
Toluene	89
Ethyl Benzene	100
m,p-Xylene	98
o-Xylene	98
Tetrachloroethene	97
Trichloroethene	93
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 0912249-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w121703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/09 06:11 PM**	

Compound	**%Recovery**
Benzene	100
Toluene	96
Ethyl Benzene	109
m,p-Xylene	108
o-Xylene	109
Tetrachloroethene	110
Trichloroethene	102
1,2,4-Trimethylbenzene	115
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) M. Tani / M. Tani
Company: LFR Email: michael.nesky@lfr.com
Address: 14201 N. 87th St., 135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: 014100 2217-007
Project Name: Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP - 120809 - EFF	34607	12/8/09	1620	TO15 (+TPH)	-27.5	Ø		
02A	VSP - 120809 - EFF - DUP	1735	↓	1620	↓	-28	Ø		
03A	VSP - 120809 - MID CARB	36552	↓	1625	↓	-28	Ø		
04A	VSP - 120809 - POST OX	20775	↓	1630	↓	-28	Ø		
05A	VSP - 120809 - INF	31785	↓	1635	↓	-28	Ø		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	12/9/09 0940	Fed Ex Kinko	12/9/09 0940
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gregson AIR	12/10/09 920
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes: (3) brass caps loose out of box...

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8664163364147	NA	Good	Yes No (None)	0912249

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

2/5/2010
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: ST0100220017-00007
Workorder #: 1001451

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 1/25/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1001451

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	17384
FAX:	480-905-9353	**PROJECT #**	ST0100220017-00007 Silvercroft
DATE RECEIVED:	01/25/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	02/05/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-012110-EFF	Modified TO-15	3.5 "Hg	15 psi
02A	VSP-012110-EFF DUP	Modified TO-15	3.5 "Hg	15 psi
03A	VSP-012110-MID CAR	Modified TO-15	4.0 "Hg	15 psi
04A	VSP-012110-POST OX	Modified TO-15	3.5 "Hg	15 psi
05A	VSP-012110-INF	Modified TO-15	4.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman

DATE: 02/05/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 1001451

Five 1 Liter Summa Canister samples were received on January 25, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-012110-INF was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-012110-EFF

Lab ID#: 1001451-01A

No Detections Were Found.

Client Sample ID: VSP-012110-EFF DUP

Lab ID#: 1001451-02A

No Detections Were Found.

Client Sample ID: VSP-012110-MID CAR

Lab ID#: 1001451-03A

No Detections Were Found.

Client Sample ID: VSP-012110-POST OX

Lab ID#: 1001451-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.1	2.5	4.3	9.4
m,p-Xylene	1.1	60	5.0	260
o-Xylene	1.1	38	5.0	170
1,2,4-Trimethylbenzene	1.1	90	5.6	440
1,3,5-Trimethylbenzene	1.1	39	5.6	190
TPH ref. to Gasoline (MW=100)	23	1300	94	5300

Client Sample ID: VSP-012110-INF

Lab ID#: 1001451-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	470	59000	1500	190000
Toluene	470	190000	1800	720000
Ethyl Benzene	470	24000	2000	100000
m,p-Xylene	470	140000	2000	620000
o-Xylene	470	53000	2000	230000
1,2,4-Trimethylbenzene	470	38000	2300	180000
1,3,5-Trimethylbenzene	470	10000	2300	51000
TPH ref. to Gasoline (MW=100)	9300	6700000	38000	27000000

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Client Sample ID: VSP-012110-EFF

Lab ID#: 1001451-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012719**	**Date of Collection:**	**1/21/10 6:05:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**1/27/10 07:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	94	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	84	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-012110-EFF DUP

Lab ID#: 1001451-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012720**	**Date of Collection:**	**1/21/10 6:05:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**1/27/10 07:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	94	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	84	70-130

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Client Sample ID: VSP-012110-MID CAR

Lab ID#: 1001451-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012721**	**Date of Collection:**	**1/21/10 6:10:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**1/27/10 08:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	95	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	85	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-012110-POST OX

Lab ID#: 1001451-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012722**	**Date of Collection:**	**1/21/10 6:15:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**1/27/10 09:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	2.5	4.3	9.4
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	60	5.0	260
o-Xylene	1.1	38	5.0	170
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	90	5.6	440
1,3,5-Trimethylbenzene	1.1	39	5.6	190
TPH ref. to Gasoline (MW=100)	23	1300	94	5300

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: VSP-012110-INF

Lab ID#: 1001451-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w012922**	**Date of Collection:**	**1/21/10 6:22:00 PM**
Dil. Factor:	**93.2**	**Date of Analysis:**	**1/29/10 08:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	470	59000	1500	190000
Toluene	470	190000	1800	720000
Ethyl Benzene	470	24000	2000	100000
m,p-Xylene	470	140000	2000	620000
o-Xylene	470	53000	2000	230000
Tetrachloroethene	470	Not Detected	3200	Not Detected
Trichloroethene	470	Not Detected	2500	Not Detected
1,2,4-Trimethylbenzene	470	38000	2300	180000
1,3,5-Trimethylbenzene	470	10000	2300	51000
TPH ref. to Gasoline (MW=100)	9300	6700000	38000	27000000

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	144 Q	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
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Client Sample ID: Lab Blank

Lab ID#: 1001451-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012706**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/27/10 09:39 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	85	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1001451-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w012905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/29/10 09:48 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1001451-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/27/10 07:21 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	102
Ethyl Benzene	96
m,p-Xylene	97
o-Xylene	96
Tetrachloroethene	90
Trichloroethene	101
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	93

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
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Client Sample ID: CCV

Lab ID#: 1001451-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w012902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/29/10 08:30 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	98
Ethyl Benzene	100
m,p-Xylene	100
o-Xylene	101
Tetrachloroethene	96
Trichloroethene	97
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	85

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1001451-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6012703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/27/10 08:00 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	105
Ethyl Benzene	101
m,p-Xylene	102
o-Xylene	102
Tetrachloroethene	94
Trichloroethene	104
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1001451-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w012903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/29/10 08:53 AM**	

Compound	**%Recovery**
Benzene	112
Toluene	105
Ethyl Benzene	113
m,p-Xylene	114
o-Xylene	115
Tetrachloroethene	108
Trichloroethene	108
1,2,4-Trimethylbenzene	120
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US INC Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST0100220017-00007
Project Name: SILVERCROFT

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-012110-EFF	1044	1/21/10	1805	TO 15 + TPH	-27.5	-2.0		
02A	VSP-012110-EFF DUP	1039	↓	1805	↓	-27.5	-2.0		
03A	VSP-012110-MID CAR	25278		1810		-28.0	-2.0		
04A	VSP-012110-POST OX	1467		1815		-28.0	-2.0		
05A	VSP-012110-INF	33710	↓	1822	↓	-28.0	-2.0		

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Mark Hammer 1/22/10 13:55	FEDEX KINKO'S 1/22/10 13:55
	Monica Gregson ATL 1/25/10 855

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8682427653 71	NA	Good	Yes No (None)	1001451

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

3/12/2010
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP Silvercroft
Project #: STO100220017-00007
Workorder #: 1003017

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 3/1/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1003017

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO100220017-00007 KMEP Silvercroft
DATE RECEIVED:	03/01/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/12/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-022610-INF	Modified TO-15	4.0 "Hg	15 psi
02A	VSP-022610-POST OX	Modified TO-15	3.8 "Hg	15 psi
02AA	VSP-022610-POST OX Lab Duplicate	Modified TO-15	3.8 "Hg	15 psi
03A	VSP-022610-MID CARB	Modified TO-15	4.0 "Hg	15 psi
03AA	VSP-022610-MID CARB Lab Duplicate	Modified TO-15	4.0 "Hg	15 psi
04A	VSP-022610-EFF DUP	Modified TO-15	3.6 "Hg	15 psi
05A	VSP-022610-EFF	Modified TO-15	4.2 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
06C	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
07C	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08C	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 03/12/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 Std & Soil Gas
LFR Levine-Fricke
Workorder# 1003017

Five 1 Liter Summa Canister samples were received on March 01, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

Dilution was performed on sample VSP-022610-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-022610-INF

Lab ID#: 1003017-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	58000	3700	190000
Toluene	1200	200000	4400	740000
Ethyl Benzene	1200	27000	5000	120000
m,p-Xylene	1200	190000	5000	840000
o-Xylene	1200	73000	5000	320000
1,2,4-Trimethylbenzene	1200	49000	5700	240000
1,3,5-Trimethylbenzene	1200	14000	5700	69000
TPH ref. to Gasoline (MW=100)	23000	8700000	95000	36000000

Client Sample ID: VSP-022610-POST OX

Lab ID#: 1003017-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
m,p-Xylene	1.2	2.2	5.0	9.6
1,2,4-Trimethylbenzene	1.2	1.9	5.7	9.5
TPH ref. to Gasoline (MW=100)	23	81	94	330

Client Sample ID: VSP-022610-POST OX Lab Duplicate

Lab ID#: 1003017-02AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
m,p-Xylene	1.2	2.1	5.0	9.2
1,2,4-Trimethylbenzene	1.2	1.8	5.7	8.7
TPH ref. to Gasoline (MW=100)	23	87	94	360

Client Sample ID: VSP-022610-MID CARB

Lab ID#: 1003017-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	23	28	95	110

Client Sample ID: VSP-022610-MID CARB Lab Duplicate

Lab ID#: 1003017-03AA

No Detections Were Found.

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-022610-EFF DUP

Lab ID#: 1003017-04A

No Detections Were Found.

Client Sample ID: VSP-022610-EFF

Lab ID#: 1003017-05A

No Detections Were Found.

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-INF

Lab ID#: 1003017-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w030319**	**Date of Collection:**	**2/26/10 2:05:00 PM**
Dil. Factor:	**233**	**Date of Analysis:**	**3/3/10 05:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	58000	3700	190000
Toluene	1200	200000	4400	740000
Ethyl Benzene	1200	27000	5000	120000
m,p-Xylene	1200	190000	5000	840000
o-Xylene	1200	73000	5000	320000
Tetrachloroethene	1200	Not Detected	7900	Not Detected
Trichloroethene	1200	Not Detected	6300	Not Detected
1,2,4-Trimethylbenzene	1200	49000	5700	240000
1,3,5-Trimethylbenzene	1200	14000	5700	69000
TPH ref. to Gasoline (MW=100)	23000	8700000	95000	36000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	116	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-POST OX

Lab ID#: 1003017-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3030328**	**Date of Collection:**	**2/26/10 2:00:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**3/3/10 11:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	2.2	5.0	9.6
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	1.9	5.7	9.5
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	81	94	330

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	80	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-POST OX Lab Duplicate

Lab ID#: 1003017-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3030329**	**Date of Collection:**	**2/26/10 2:00:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**3/3/10 11:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	2.1	5.0	9.2
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	1.8	5.7	8.7
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	87	94	360

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-MID CARB

Lab ID#: 1003017-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030411**	**Date of Collection:**	**2/26/10 1:55:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**3/4/10 12:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	28	95	110

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-MID CARB Lab Duplicate

Lab ID#: 1003017-03AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030412**	**Date of Collection:**	**2/26/10 1:55:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**3/4/10 01:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	95	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	107	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-EFF DUP

Lab ID#: 1003017-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030413**	**Date of Collection:**	**2/26/10 1:50:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**3/4/10 01:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	94	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-022610-EFF

Lab ID#: 1003017-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030414**	**Date of Collection:**	**2/26/10 1:50:00 PM**
Dil. Factor:	**2.35**	**Date of Analysis:**	**3/4/10 02:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	8.0	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	24	Not Detected	96	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1003017-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w030305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/10 08:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	114	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1003017-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3030309**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/10 11:50 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1003017-06C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/4/10 10:06 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	107	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1003017-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w030302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/10 07:18 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	92
Ethyl Benzene	91
m,p-Xylene	92
o-Xylene	91
Tetrachloroethene	101
Trichloroethene	90
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	88
TPH ref. to Gasoline (MW=100)	73

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	117	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1003017-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3030302**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/10 07:57 AM**

Compound	%Recovery
Benzene	97
Toluene	85
Ethyl Benzene	97
m,p-Xylene	99
o-Xylene	103
Tetrachloroethene	94
Trichloroethene	90
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1003017-07C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030402**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/4/10 07:37 AM**

Compound	**%Recovery**
Benzene	102
Toluene	104
Ethyl Benzene	97
m,p-Xylene	98
o-Xylene	100
Tetrachloroethene	100
Trichloroethene	101
1,2,4-Trimethylbenzene	113
1,3,5-Trimethylbenzene	114
TPH ref. to Gasoline (MW=100)	122

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	110	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	114	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1003017-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w030303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/10 07:58 AM**	

Compound	**%Recovery**
Benzene	80
Toluene	78
Ethyl Benzene	83
m,p-Xylene	83
o-Xylene	82
Tetrachloroethene	88
Trichloroethene	81
1,2,4-Trimethylbenzene	89
1,3,5-Trimethylbenzene	81
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	117	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1003017-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3030303**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/10 08:20 AM**

Compound	%Recovery
Benzene	97
Toluene	82
Ethyl Benzene	99
m,p-Xylene	103
o-Xylene	104
Tetrachloroethene	93
Trichloroethene	89
1,2,4-Trimethylbenzene	118
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1003017-08C

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2030403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/4/10 08:06 AM**	

Compound	**%Recovery**
Benzene	98
Toluene	97
Ethyl Benzene	98
m,p-Xylene	98
o-Xylene	100
Tetrachloroethene	99
Trichloroethene	98
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	115
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	110	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	115	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Mark Tani / M. Tani
Company: Arcadis (LFR) Email: michael.nesky@arcadis-us.com
Address: 14201 N. 87th St. #135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #: (NESKY)
Project #: ST0100220017-00007
Project Name: KMEP Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-022610-INF	37380	2/26/10	1405	TO15 + TPH	-27.5			
02A	VSP-022610-POST OX	37340		1400		-27.5			
03A	VSP-022610-MID CARB	34095		1355		-27.5			
04A	VSP-022610-EFF DUP	37365		1350		-28			
05A	VSP-022610-EFF	35671		1350		-27.5			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	2/26/10 1425	Ship N Mail Express	2/26/10 1425
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Gloggen ATL	3/1/10 900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Ted EN		NA	Good	Yes No (None)	1003017

Form 1285 rev 11

Air Toxics LTD.
Laboratory Services Since 1989

4/8/2010
Mr. Michael Nesky
LFR Levine-Fricke
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: ST0100220017-00007
Workorder #: 1003533

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 3/24/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1003533

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	ST0100220017-00007 Silvercroft
DATE RECEIVED:	03/24/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	04/08/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-032210-EFF	Modified TO-15	4.5 "Hg	15 psi
02A	VSP-032210-EFF DUP	Modified TO-15	3.5 "Hg	15 psi
03A	VSP-032210-MID CAR	Modified TO-15	3.5 "Hg	15 psi
04A	VSP-032210-POST OX	Modified TO-15	4.0 "Hg	15 psi
05A	VSP-032210-INF	Modified TO-15	4.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 04/08/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 1003533

Five 1 Liter Summa Canister samples were received on March 24, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

The results for TPH gasoline were reported as not-detected in samples VSP-032210-EFF and VSP-032210-EFF DUP since the chromatographic profiles were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-032210-EFF

Lab ID#: 1003533-01A

No Detections Were Found.

Client Sample ID: VSP-032210-EFF DUP

Lab ID#: 1003533-02A

No Detections Were Found.

Client Sample ID: VSP-032210-MID CAR

Lab ID#: 1003533-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	23	61	94	250

Client Sample ID: VSP-032210-POST OX

Lab ID#: 1003533-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	5.5	4.4	21
Ethyl Benzene	1.2	2.3	5.0	10
m,p-Xylene	1.2	26	5.0	110
o-Xylene	1.2	11	5.0	50
1,2,4-Trimethylbenzene	1.2	12	5.7	58
1,3,5-Trimethylbenzene	1.2	3.2	5.7	16
TPH ref. to Gasoline (MW=100)	23	310	95	1200

Client Sample ID: VSP-032210-INF

Lab ID#: 1003533-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	58000	3700	180000
Toluene	1200	230000	4400	860000
Ethyl Benzene	1200	34000	5000	150000
m,p-Xylene	1200	230000	5000	1000000
o-Xylene	1200	83000	5000	360000
1,2,4-Trimethylbenzene	1200	44000	5700	220000
1,3,5-Trimethylbenzene	1200	15000	5700	75000
TPH ref. to Gasoline (MW=100)	23000	6800000	95000	28000000

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Client Sample ID: VSP-032210-EFF

Lab ID#: 1003533-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033108**	**Date of Collection:**	**3/22/10 4:40:00 PM**
Dil. Factor:	**2.38**	**Date of Analysis:**	**3/31/10 04:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	24	Not Detected	97	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-032210-EFF DUP

Lab ID#: 1003533-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033109**	**Date of Collection:**	**3/22/10 4:40:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**3/31/10 05:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	94	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VSP-032210-MID CAR

Lab ID#: 1003533-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033110**	**Date of Collection:**	**3/22/10 4:50:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**3/31/10 05:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	61	94	250

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-032210-POST OX

Lab ID#: 1003533-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033111**	**Date of Collection:**	**3/22/10 4:58:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**3/31/10 06:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	5.5	4.4	21
Ethyl Benzene	1.2	2.3	5.0	10
m,p-Xylene	1.2	26	5.0	110
o-Xylene	1.2	11	5.0	50
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	12	5.7	58
1,3,5-Trimethylbenzene	1.2	3.2	5.7	16
TPH ref. to Gasoline (MW=100)	23	310	95	1200

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-032210-INF

Lab ID#: 1003533-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b033125**	**Date of Collection:**	**3/22/10 5:05:00 PM**
Dil. Factor:	**233**	**Date of Analysis:**	**4/1/10 11:00 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1200	58000	3700	180000
Toluene	1200	230000	4400	860000
Ethyl Benzene	1200	34000	5000	150000
m,p-Xylene	1200	230000	5000	1000000
o-Xylene	1200	83000	5000	360000
Tetrachloroethene	1200	Not Detected	7900	Not Detected
Trichloroethene	1200	Not Detected	6300	Not Detected
1,2,4-Trimethylbenzene	1200	44000	5700	220000
1,3,5-Trimethylbenzene	1200	15000	5700	75000
TPH ref. to Gasoline (MW=100)	23000	6800000	95000	28000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1003533-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/31/10 03:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1003533-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b033106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/31/10 05:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1003533-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033103**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 3/31/10 12:38 PM**

Compound	%Recovery
Benzene	108
Toluene	104
Ethyl Benzene	102
m,p-Xylene	104
o-Xylene	102
Tetrachloroethene	101
Trichloroethene	100
1,2,4-Trimethylbenzene	115
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	118

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1003533-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b033103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/31/10 02:41 PM**	

Compound	**%Recovery**
Benzene	108
Toluene	112
Ethyl Benzene	103
m,p-Xylene	102
o-Xylene	99
Tetrachloroethene	112
Trichloroethene	107
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	78

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
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Client Sample ID: LCS

Lab ID#: 1003533-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**6033104a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/31/10 01:17 PM**	

Compound	**%Recovery**
Benzene	98
Toluene	91
Ethyl Benzene	96
m,p-Xylene	98
o-Xylene	95
Tetrachloroethene	92
Trichloroethene	91
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1003533-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b033104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/31/10 03:10 PM**	

Compound	**%Recovery**
Benzene	112
Toluene	110
Ethyl Benzene	106
m,p-Xylene	107
o-Xylene	101
Tetrachloroethene	116
Trichloroethene	111
1,2,4-Trimethylbenzene	92
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Mark Hammer / Mark Hammer
Company: ARCADIS Email: michael.nesky@arcadis-us.com
Address: 14201 N 87th St #135 City: Scottsdale State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0017-04007
Project Name: Silverkraft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-032210-EFF	2171	3/22/10	1640	TO 15 + TPH	-27.5	-2.0		
02A	VSP-032210-EFF DUP	35637	↓	1640	↓	-27.5	-1.5		
03A	VSP-032210-MID CAR	37430	↓	1650	↓	-27.5	-2.0		
04A	VSP-032210-POST OX	2164	↓	1658	↓	-27.5	-2.0		
05A	VSP-032210-INF	3149	↓	1705	↓	-27.5	-2.8		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	3/23/10 11:20	Fed Ex	3/23/10 3/23/10
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Green	3/24/10 9:15
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No None	1003533

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

7/16/2010
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: ST010220018
Workorder #: 1007015

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 7/1/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1007015

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	ST010220018 Silvercroft
DATE RECEIVED:	07/01/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/16/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-062910-EFF	Modified TO-15	2.4 "Hg	15 psi
02A	VSP-062910-EFF DUP	Modified TO-15	3.0 "Hg	15 psi
03A	VSP-062910-MID CAR	Modified TO-15	3.4 "Hg	15 psi
04A	VSP-062910-POST OX	Modified TO-15	3.8 "Hg	15 psi
05A	VSP-062910-INF	Modified TO-15	3.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 07/16/10

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Inc. an ARCADIS company
Workorder# 1007015

Five 1 Liter Summa Canister samples were received on July 01, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	</= 30% Difference	</= 30% Difference; Compounds exceeding this criterion and associated data are flagged and narrated.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

The results for TPH gasoline were reported as not-detected in samples VSP-062910-EFF, VSP-062910-EFF DUP, VSP-062910-MID CAR and VSP-062910-POST OX since the chromatographic profiles were not consistent with a gasoline pattern.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-062910-INF was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-062910-EFF

Lab ID#: 1007015-01A

No Detections Were Found.

Client Sample ID: VSP-062910-EFF DUP

Lab ID#: 1007015-02A

No Detections Were Found.

Client Sample ID: VSP-062910-MID CAR

Lab ID#: 1007015-03A

No Detections Were Found.

Client Sample ID: VSP-062910-POST OX

Lab ID#: 1007015-04A

No Detections Were Found.

Client Sample ID: VSP-062910-INF

Lab ID#: 1007015-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	52000	720	170000
Toluene	220	150000	840	570000
Ethyl Benzene	220	19000	970	83000
m,p-Xylene	220	160000	970	700000
o-Xylene	220	56000	970	240000
1,2,4-Trimethylbenzene	220	35000	1100	170000
1,3,5-Trimethylbenzene	220	11000	1100	56000
TPH ref. to Gasoline (MW=100)	4500	7600000	18000	31000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-062910-EFF

Lab ID#: 1007015-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071415**	**Date of Collection:**	**6/29/10 6:10:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**7/14/10 03:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	97	70-130

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Laboratory Services Since 1989

Client Sample ID: VSP-062910-EFF DUP

Lab ID#: 1007015-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071419**	**Date of Collection:**	**6/29/10 6:10:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**7/14/10 05:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	92	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-062910-MID CAR

Lab ID#: 1007015-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071418**	**Date of Collection:**	**6/29/10 6:17:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**7/14/10 04:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	93	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-062910-POST OX

Lab ID#: 1007015-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071420**	**Date of Collection:**	**6/29/10 6:25:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**7/14/10 05:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	23	Not Detected	94	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-062910-INF

Lab ID#: 1007015-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070724**	**Date of Collection:**	**6/29/10 6:30:00 PM**
Dil. Factor:	**44.8**	**Date of Analysis:**	**7/7/10 05:00 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	52000	720	170000
Toluene	220	150000	840	570000
Ethyl Benzene	220	19000	970	83000
m,p-Xylene	220	160000	970	700000
o-Xylene	220	56000	970	240000
Tetrachloroethene	220	Not Detected	1500	Not Detected
Trichloroethene	220	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	220	35000	1100	170000
1,3,5-Trimethylbenzene	220	11000	1100	56000
TPH ref. to Gasoline (MW=100)	4500	7600000	18000	31000000

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	147 Q	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1007015-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070708**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/7/10 08:35 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1007015-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071408**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/14/10 11:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1007015-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/6/10 10:36 PM**	

Compound	**%Recovery**
Benzene	106
Toluene	107
Ethyl Benzene	105
m,p-Xylene	106
o-Xylene	104
Tetrachloroethene	108
Trichloroethene	90
1,2,4-Trimethylbenzene	115
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1007015-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/14/10 09:03 AM**	

Compound	**%Recovery**
Benzene	106
Toluene	107
Ethyl Benzene	111
m,p-Xylene	111
o-Xylene	111
Tetrachloroethene	113
Trichloroethene	106
1,2,4-Trimethylbenzene	113
1,3,5-Trimethylbenzene	114
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1007015-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w070704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/6/10 10:58 PM**	

Compound	**%Recovery**
Benzene	105
Toluene	102
Ethyl Benzene	109
m,p-Xylene	109
o-Xylene	103
Tetrachloroethene	107
Trichloroethene	90
1,2,4-Trimethylbenzene	118
1,3,5-Trimethylbenzene	115
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1007015-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/14/10 10:22 AM**	

Compound	**%Recovery**
Benzene	97
Toluene	95
Ethyl Benzene	104
m,p-Xylene	104
o-Xylene	103
Tetrachloroethene	103
Trichloroethene	97
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th St #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010220018
Project Name: SILVERCROFT

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-062910-EFF	1038	6/29/10	1810	TO 15 + TPH	-29.0	0.0		
02A	VSP-062910-EFF DUP	34578	↓	1810	↓	-29.0	0.0		
03A	VSP-062910-MID CAR	12362	↓	1817	↓	-29.0	0.0		
04A	VSP-062910-POST OX	2166	↓	1825	↓	-28.5	-1.0		
05A	VSP-062910-INF	93102	↓	1830	↓	-28.0	-0.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	6/30/10 10:30	FedEx Kinko's	6/30/10 10:30
		Monica Greeson ATL	
			7/1/10 900

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No None	1007015

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

8/14/2010
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: STO10022.0018/00002
Workorder #: 1007681

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 7/29/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1007681

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO10022.0018/00002
DATE RECEIVED:	07/29/2010	**CONTACT:**	KMEP/Silvercroft Kyle Vagadori
DATE COMPLETED:	08/14/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-072810-EFF	Modified TO-15	4.2 "Hg	5 psi
02A	VSP-072810-MIDCRB	Modified TO-15	4.4 "Hg	5 psi
03A	VSP-072810-MIDCRBDUP	Modified TO-15	4.0 "Hg	5 psi
04A	VSP-072810-POSTOX	Modified TO-15	4.6 "Hg	5 psi
05A	VSP-072810-INF	Modified TO-15	4.4 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 08/14/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1007681

Five 6 Liter Summa Canister samples were received on July 29, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The reported CCV for each daily batch may be derived from more than one analytical file due to the client's request for non-standard compounds.

Non-standard compounds may have different acceptance criteria than the standard TO-14A/TO-15 compound list as per contract or verbal agreement.

The results for TPH gasoline were reported as not-detected in samples VSP-072810-EFF, VSP-072810-MIDCRB, and VSP-072810-MIDCRBDUP since the chromatographic profiles were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-072810-EFF

Lab ID#: 1007681-01A

No Detections Were Found.

Client Sample ID: VSP-072810-MIDCRB

Lab ID#: 1007681-02A

No Detections Were Found.

Client Sample ID: VSP-072810-MIDCRBDUP

Lab ID#: 1007681-03A

No Detections Were Found.

Client Sample ID: VSP-072810-POSTOX

Lab ID#: 1007681-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.79	0.89	2.5	2.8
Toluene	0.79	2.2	3.0	8.2
m,p-Xylene	0.79	2.6	3.4	11
o-Xylene	0.79	0.97	3.4	4.2
TPH ref. to Gasoline (MW=100)	40	120	160	470

Client Sample ID: VSP-072810-INF

Lab ID#: 1007681-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	630	49000	2000	160000
Toluene	630	160000	2400	620000
Ethyl Benzene	630	33000	2700	140000
m,p-Xylene	630	220000	2700	950000
o-Xylene	630	89000	2700	390000
1,2,4-Trimethylbenzene	630	62000	3100	310000
1,3,5-Trimethylbenzene	630	20000	3100	98000
TPH ref. to Gasoline (MW=100)	32000	4800000	130000	20000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072810-EFF

Lab ID#: 1007681-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080922**	**Date of Collection:**	**7/28/10 12:25:00 PM**
Dil. Factor:	**1.56**	**Date of Analysis:**	**8/9/10 08:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	Not Detected	160	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072810-MIDCRB

Lab ID#: 1007681-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080923**	**Date of Collection:**	**7/28/10 12:40:00 PM**
Dil. Factor:	**1.57**	**Date of Analysis:**	**8/9/10 08:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	3.0	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	Not Detected	160	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072810-MIDCRBDUP

Lab ID#: 1007681-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080924**	**Date of Collection:**	**7/28/10 12:40:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**8/9/10 09:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	Not Detected	160	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072810-POSTOX

Lab ID#: 1007681-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080925**	**Date of Collection:**	**7/28/10 12:50:00 PM**
Dil. Factor:	**1.58**	**Date of Analysis:**	**8/9/10 09:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.79	0.89	2.5	2.8
Toluene	0.79	2.2	3.0	8.2
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	2.6	3.4	11
o-Xylene	0.79	0.97	3.4	4.2
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
TPH ref. to Gasoline (MW=100)	40	120	160	470

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-072810-INF

Lab ID#: 1007681-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080927**	**Date of Collection:**	**7/28/10 1:05:00 PM**
Dil. Factor:	**1260**	**Date of Analysis:**	**8/9/10 10:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	630	49000	2000	160000
Toluene	630	160000	2400	620000
Ethyl Benzene	630	33000	2700	140000
m,p-Xylene	630	220000	2700	950000
o-Xylene	630	89000	2700	390000
Tetrachloroethene	630	Not Detected	4300	Not Detected
Trichloroethene	630	Not Detected	3400	Not Detected
1,2,4-Trimethylbenzene	630	62000	3100	310000
1,3,5-Trimethylbenzene	630	20000	3100	98000
TPH ref. to Gasoline (MW=100)	32000	4800000	130000	20000000

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1007681-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080907**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/9/10 10:21 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1007681-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/9/10 07:56 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	99
Ethyl Benzene	104
m,p-Xylene	107
o-Xylene	106
Tetrachloroethene	99
Trichloroethene	96
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1007681-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3080903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/9/10 08:26 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	95
Ethyl Benzene	105
m,p-Xylene	108
o-Xylene	107
Tetrachloroethene	99
Trichloroethene	103
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	108
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Matt Tani / M. Tani
Company: Arcadis / S
Email: michael.nesky@arcadis-us.com
Address: 14201 N. 87th St 305 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: ST010022.0018/00002
Project Name: KMEP/Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-072810-EFF	33864	7/28/10	1225	TO15 (+TPH)	-28	-1		
02A	VSP-072810-MIDCRB	33882		1240		-28	-1		
03A	VSP-072810-MIDCRBDUP	TO-1569		1240		-26	-1		
04A	VSP-072810-POSTOX	33986		1250		-28	-1		
05A	VSV-072810-INF	31438		1305		-28	-1.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	7/28/10 1340	Ship'n mail express	7/28/10 1340
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Monica Greggen ATL	7/29/10 910
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes: Can # TO-1569: Valve seemed tight but when installing gauge for psi check it was showing leak!

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No None	1007681

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

9/10/2010
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: ST010022.0018.00002
Project #: SILVERCROFT
Workorder #: 1008684

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 8/27/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1008684

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	SILVERCROFT ST010022.0018.00002
DATE RECEIVED:	08/27/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/10/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-082610-EFF	Modified TO-15	4.0 "Hg	15 psi
02A	VSP-082610-MID CAR	Modified TO-15	4.0 "Hg	15 psi
03A	VSP-082610-MID CAR DUP	Modified TO-15	4.0 "Hg	15 psi
04A	VSP-082610-POST OX	Modified TO-15	4.0 "Hg	15 psi
05A	VSP-082610-INF	Modified TO-15	3.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 09/10/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1008684

Five 1 Liter Summa Canister samples were received on August 27, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-082610-EFF

Lab ID#: 1008684-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	1.4	4.4	5.1
m,p-Xylene	1.2	1.4	5.0	6.2
TPH ref. to Gasoline (MW=100)	58	86	240	350

Client Sample ID: VSP-082610-MID CAR

Lab ID#: 1008684-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	1.2	4.4	4.4
m,p-Xylene	1.2	1.4	5.0	6.3
TPH ref. to Gasoline (MW=100)	58	160	240	650

Client Sample ID: VSP-082610-MID CAR DUP

Lab ID#: 1008684-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	58	84	240	340

Client Sample ID: VSP-082610-POST OX

Lab ID#: 1008684-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	1.5	3.7	4.9
Toluene	1.2	3.0	4.4	11
m,p-Xylene	1.2	2.9	5.0	12
TPH ref. to Gasoline (MW=100)	58	120	240	490

Client Sample ID: VSP-082610-INF

Lab ID#: 1008684-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-082610-INF

Lab ID#: 1008684-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	560	32000	1800	100000
Toluene	560	120000	2100	440000
Ethyl Benzene	560	26000	2400	110000
m,p-Xylene	560	190000	2400	850000
o-Xylene	560	81000	2400	350000
1,2,4-Trimethylbenzene	560	59000	2800	290000
1,3,5-Trimethylbenzene	560	19000	2800	92000
TPH ref. to Gasoline (MW=100)	11000	5500000	46000	22000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082610-EFF

Lab ID#: 1008684-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090714**	**Date of Collection:**	**8/26/10 12:32:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**9/7/10 07:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	1.4	4.4	5.1
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	1.4	5.0	6.2
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	86	240	350

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	82	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082610-MID CAR

Lab ID#: 1008684-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090716**	**Date of Collection:**	**8/26/10 12:37:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**9/7/10 08:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	1.2	4.4	4.4
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	1.4	5.0	6.3
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	160	240	650

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	86	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082610-MID CAR DUP

Lab ID#: 1008684-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090717**	**Date of Collection:**	**8/26/10 12:37:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**9/7/10 09:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	84	240	340

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	81	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082610-POST OX

Lab ID#: 1008684-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090718**	**Date of Collection:**	**8/26/10 12:43:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**9/7/10 10:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	1.5	3.7	4.9
Toluene	1.2	3.0	4.4	11
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	2.9	5.0	12
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	120	240	490

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	82	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-082610-INF

Lab ID#: 1008684-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090413**	**Date of Collection:**	**8/26/10 12:53:00 PM**
Dil. Factor:	**112**	**Date of Analysis:**	**9/4/10 05:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	560	32000	1800	100000
Toluene	560	120000	2100	440000
Ethyl Benzene	560	26000	2400	110000
m,p-Xylene	560	190000	2400	850000
o-Xylene	560	81000	2400	350000
Tetrachloroethene	560	Not Detected	3800	Not Detected
Trichloroethene	560	Not Detected	3000	Not Detected
1,2,4-Trimethylbenzene	560	59000	2800	290000
1,3,5-Trimethylbenzene	560	19000	2800	92000
TPH ref. to Gasoline (MW=100)	11000	5500000	46000	22000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1008684-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090409**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/10 03:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1008684-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090709**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/10 03:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	82	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1008684-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090408**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/10 01:38 PM**	

Compound	**%Recovery**
Benzene	84
Toluene	91
Ethyl Benzene	95
m,p-Xylene	96
o-Xylene	96
Tetrachloroethene	96
Trichloroethene	91
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1008684-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/10 10:50 AM**	

Compound	**%Recovery**
Benzene	93
Toluene	90
Ethyl Benzene	111
m,p-Xylene	110
o-Xylene	111
Tetrachloroethene	94
Trichloroethene	89
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1008684-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/10 09:25 AM**	

Compound	**%Recovery**
Benzene	86
Toluene	89
Ethyl Benzene	99
m,p-Xylene	98
o-Xylene	100
Tetrachloroethene	96
Trichloroethene	91
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1008684-08AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w090404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/10 09:53 AM**	

Compound	**%Recovery**
Benzene	90
Toluene	94
Ethyl Benzene	103
m,p-Xylene	102
o-Xylene	102
Tetrachloroethene	99
Trichloroethene	98
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	108
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1008684-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090706**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/10 12:59 PM**	

Compound	**%Recovery**
Benzene	100
Toluene	95
Ethyl Benzene	121
m,p-Xylene	123
o-Xylene	121
Tetrachloroethene	100
Trichloroethene	97
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	88	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1008684-08BB

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2090705**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/10 12:12 PM**	

Compound	**%Recovery**
Benzene	99
Toluene	93
Ethyl Benzene	123
m,p-Xylene	124
o-Xylene	124
Tetrachloroethene	102
Trichloroethene	98
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: SILVERCROFT
Project Name: ST010022.0018.00002

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-082610-EFF	33400	8/26/10	12:32	TO15 + TPH	-28.0	-2.0		
02A	VSP-082610-MID CAR	36568	↓	12:37	↓	-28.0	-2.0		
03A	VSP-082610-MID CAR DUP	2205	↓	12:37	↓	-28.0	-2.0		
04A	VSP-082610-POST OX	30815	↓	12:43	↓	-27.5	-2.0		
05A	VSP-082610-INF	14523	↓	12:53	↓	-24.5	-1.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	8/26/10 13:35	FED EX	8/26/10 13:35
		Monica Gregson ATL	8/27/10 915

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8729 5760 1545	NA	Good	Yes No (None)	1008684

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

10/13/2010
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: ST010022.0018/00002
Workorder #: 1009589

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 9/27/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1009589

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	ST010022.0018/00002 Silvercroft
DATE RECEIVED:	09/27/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/13/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-092310-EFF	Modified TO-15	3.8 "Hg	15 psi
02A	VSP-092310-EFF DUP	Modified TO-15	3.6 "Hg	15 psi
03A	VSP-092310-MID CAR	Modified TO-15	3.8 "Hg	15 psi
04A	VSP-092310-POST OX	Modified TO-15	3.4 "Hg	15 psi
05A	VSP-092310-INF	Modified TO-15	2.6 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 10/13/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 Std & Soil Gas
LFR Inc. an ARCADIS company
Workorder# 1009589

Five 1 Liter Summa Canister samples were received on September 27, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-092310-EFF

Lab ID#: 1009589-01A

No Detections Were Found.

Client Sample ID: VSP-092310-EFF DUP

Lab ID#: 1009589-02A

No Detections Were Found.

Client Sample ID: VSP-092310-MID CAR

Lab ID#: 1009589-03A

No Detections Were Found.

Client Sample ID: VSP-092310-POST OX

Lab ID#: 1009589-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	1.2	3.6	3.8
Toluene	1.1	2.4	4.3	9.0
m,p-Xylene	1.1	4.1	5.0	18
o-Xylene	1.1	2.0	5.0	8.5
1,2,4-Trimethylbenzene	1.1	2.0	5.6	10
TPH ref. to Gasoline (MW=100)	57	93	230	380

Client Sample ID: VSP-092310-INF

Lab ID#: 1009589-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	27000	880	87000
Toluene	280	110000	1000	420000
Ethyl Benzene	280	28000	1200	120000
m,p-Xylene	280	230000	1200	1000000
o-Xylene	280	100000	1200	450000
1,2,4-Trimethylbenzene	280	84000	1400	410000
1,3,5-Trimethylbenzene	280	26000	1400	130000

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-092310-INF

Lab ID#: 1009589-05A

TPH ref. to Gasoline (MW=100)	5500	5200000	22000	21000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092310-EFF

Lab ID#: 1009589-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101218**	**Date of Collection:**	**9/23/10 10:50:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**10/12/10 07:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092310-EFF DUP

Lab ID#: 1009589-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101219**	**Date of Collection:**	**9/23/10 10:50:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**10/12/10 08:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092310-MID CAR

Lab ID#: 1009589-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101220**	**Date of Collection:**	**9/23/10 11:05:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**10/12/10 08:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092310-POST OX

Lab ID#: 1009589-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101221**	**Date of Collection:**	**9/23/10 11:15:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**10/12/10 10:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	1.2	3.6	3.8
Toluene	1.1	2.4	4.3	9.0
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	4.1	5.0	18
o-Xylene	1.1	2.0	5.0	8.5
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	2.0	5.6	10
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	93	230	380

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092310-INF

Lab ID#: 1009589-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100415**	**Date of Collection:**	**9/23/10 11:25:00 PM**
Dil. Factor:	**55.2**	**Date of Analysis:**	**10/4/10 07:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	27000	880	87000
Toluene	280	110000	1000	420000
Ethyl Benzene	280	28000	1200	120000
m,p-Xylene	280	230000	1200	1000000
o-Xylene	280	100000	1200	450000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	84000	1400	410000
1,3,5-Trimethylbenzene	280	26000	1400	130000
TPH ref. to Gasoline (MW=100)	5500	5200000	22000	21000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	123	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1009589-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/4/10 11:58 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1009589-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101208**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/10 11:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1009589-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/4/10 09:16 AM**	

Compound	**%Recovery**
Benzene	89
Toluene	95
Ethyl Benzene	100
m,p-Xylene	100
o-Xylene	104
Tetrachloroethene	108
Trichloroethene	90
1,2,4-Trimethylbenzene	113
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1009589-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/10 08:45 AM**	

Compound	**%Recovery**
Benzene	109
Toluene	113
Ethyl Benzene	104
m,p-Xylene	108
o-Xylene	108
Tetrachloroethene	100
Trichloroethene	104
1,2,4-Trimethylbenzene	91
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	111	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1009589-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/4/10 10:06 AM**	

Compound	**%Recovery**
Benzene	87
Toluene	92
Ethyl Benzene	102
m,p-Xylene	104
o-Xylene	105
Tetrachloroethene	108
Trichloroethene	92
1,2,4-Trimethylbenzene	115
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1009589-08AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**w100404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/4/10 10:43 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	93
Ethyl Benzene	100
m,p-Xylene	105
o-Xylene	103
Tetrachloroethene	110
Trichloroethene	92
1,2,4-Trimethylbenzene	117
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1009589-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/10 09:42 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	100
Ethyl Benzene	101
m,p-Xylene	103
o-Xylene	102
Tetrachloroethene	93
Trichloroethene	97
1,2,4-Trimethylbenzene	86
1,3,5-Trimethylbenzene	88
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1009589-08BB

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x101206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/12/10 10:18 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	97
Ethyl Benzene	98
m,p-Xylene	99
o-Xylene	99
Tetrachloroethene	96
Trichloroethene	96
1,2,4-Trimethylbenzene	81
1,3,5-Trimethylbenzene	83
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #305 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #
Project # STO100022.0018/00002
Project Name: SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-092310-EFF	33399	9/23/10	22:50	TO 15 + TPH	-27.5	-2.0		
02A	VSP-092310-EFF DUP	3043	↓	22:50	↓	-27.0	-2.0		
03A	VSP-092310-MID CAR	97109		23:05		-28.0	-1.5		
04A	VSP-092310-POST OX	9441		23:15		-27.0	-2.0		
05A	VSP-092310-INF	2191		23:25		-28.0	-1.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	9/24/10 15:05	FEDEX	9/24/10 15:05
		Monica Greggen	9/27/10 925

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No None	1009589

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

11/9/2010
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: STO1002.0018/00002
Project #: KMEP/Silvercroft
Workorder #: 1010570

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 10/27/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1010570

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	KMEP/Silvercroft STO1002.0018/00002
DATE RECEIVED:	10/27/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	11/09/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-102510-EFF	Modified TO-15	3.5 "Hg	15 psi
02A	VSP-102510-MID CAR	Modified TO-15	4.5 "Hg	15 psi
03A	VSP-102510-MID CAR DUP	Modified TO-15	4.0 "Hg	15 psi
04A	VSP-102510-POST OX	Modified TO-15	4.0 "Hg	15 psi
05A	VSP-102510-INF	Modified TO-15	3.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 11/09/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1010570

Five 1 Liter Summa Canister samples were received on October 27, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

The Chain of Custody was missing method information. ATL proceeded with the analysis as per the original contract or verbal agreement.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-102510-INF due to the presence of high level non-target species.

The results for TPH gasoline were reported as not-detected in samples VSP-102510-EFF, VSP-102510-MID CAR, and VSP-102510-MID CAR DUP since the chromatographic profiles were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-102510-EFF

Lab ID#: 1010570-01A

No Detections Were Found.

Client Sample ID: VSP-102510-MID CAR

Lab ID#: 1010570-02A

No Detections Were Found.

Client Sample ID: VSP-102510-MID CAR DUP

Lab ID#: 1010570-03A

No Detections Were Found.

Client Sample ID: VSP-102510-POST OX

Lab ID#: 1010570-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	2.0	4.4	7.6
m,p-Xylene	1.2	1.5	5.0	6.7
TPH ref. to Gasoline (MW=100)	58	100	240	420

Client Sample ID: VSP-102510-INF

Lab ID#: 1010570-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	380	24000	1200	76000
Toluene	380	120000	1400	450000
Ethyl Benzene	380	16000	1600	71000
m,p-Xylene	380	140000	1600	610000
o-Xylene	380	58000	1600	250000
1,2,4-Trimethylbenzene	380	45000	1900	220000
1,3,5-Trimethylbenzene	380	14000	1900	70000
TPH ref. to Gasoline (MW=100)	7600	6200000	31000	25000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102510-EFF

Lab ID#: 1010570-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102821**	**Date of Collection:**	**10/25/10 3:05:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**10/28/10 06:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102510-MID CAR

Lab ID#: 1010570-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102822**	**Date of Collection:**	**10/25/10 3:15:00 PM**
Dil. Factor:	**2.38**	**Date of Analysis:**	**10/28/10 06:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102510-MID CAR DUP

Lab ID#: 1010570-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102823**	**Date of Collection:**	**10/25/10 3:15:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/28/10 07:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102510-POST OX

Lab ID#: 1010570-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102824**	**Date of Collection:**	**10/25/10 3:25:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/28/10 07:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	2.0	4.4	7.6
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	1.5	5.0	6.7
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	100	240	420

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-102510-INF

Lab ID#: 1010570-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110215**	**Date of Collection:**	**10/25/10 3:35:00 PM**
Dil. Factor:	**76.3**	**Date of Analysis:**	**11/2/10 08:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	380	24000	1200	76000
Toluene	380	120000	1400	450000
Ethyl Benzene	380	16000	1600	71000
m,p-Xylene	380	140000	1600	610000
o-Xylene	380	58000	1600	250000
Tetrachloroethene	380	Not Detected	2600	Not Detected
Trichloroethene	380	Not Detected	2000	Not Detected
1,2,4-Trimethylbenzene	380	45000	1900	220000
1,3,5-Trimethylbenzene	380	14000	1900	70000
TPH ref. to Gasoline (MW=100)	7600	6200000	31000	25000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1010570-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102808**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/28/10 12:07 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1010570-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/2/10 01:26 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1010570-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102805**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/28/10 09:58 AM**	

Compound	**%Recovery**
Benzene	106
Toluene	108
Ethyl Benzene	102
m,p-Xylene	106
o-Xylene	106
Tetrachloroethene	97
Trichloroethene	105
1,2,4-Trimethylbenzene	117
1,3,5-Trimethylbenzene	117
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	110	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1010570-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/2/10 11:01 AM**	

Compound	**%Recovery**
Benzene	94
Toluene	94
Ethyl Benzene	95
m,p-Xylene	91
o-Xylene	92
Tetrachloroethene	102
Trichloroethene	97
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	101
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1010570-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/28/10 09:13 AM**	

Compound	**%Recovery**
Benzene	113
Toluene	109
Ethyl Benzene	112
m,p-Xylene	114
o-Xylene	114
Tetrachloroethene	103
Trichloroethene	112
1,2,4-Trimethylbenzene	130
1,3,5-Trimethylbenzene	128
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	128	70-130
4-Bromofluorobenzene	115	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1010570-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2102804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/28/10 09:33 AM**	

Compound	**%Recovery**
Benzene	108
Toluene	108
Ethyl Benzene	108
m,p-Xylene	112
o-Xylene	110
Tetrachloroethene	102
Trichloroethene	112
1,2,4-Trimethylbenzene	124
1,3,5-Trimethylbenzene	123
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	110	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	113	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1010570-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/2/10 11:34 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	96
Ethyl Benzene	103
m,p-Xylene	101
o-Xylene	101
Tetrachloroethene	110
Trichloroethene	103
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1010570-08BB

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b110204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/2/10 11:59 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	100
Ethyl Benzene	110
m,p-Xylene	106
o-Xylene	105
Tetrachloroethene	114
Trichloroethene	108
1,2,4-Trimethylbenzene	104
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: KMEP/SILVERCROFT
Project Name: STO10022.0018/00002

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-102510-EFF	1738	10/25/10	15:35	TO 15 + TPH	-27	-1		
02A	VSP-102510-MID CAR	9532	↓	15:15		-27	-2		
03A	VSP-102510-MID CAR DUP	97101		15:15		-27	-2		
04A	VSP-102510-POST OX	9443		15:25		-26.5	-2		
05A	VSP-102510-INF	94909		15:35		-21.5	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	10/26/10 10:40	FedEx	10/26/10 10:40
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Brian Whittaker	10/27/10 1015
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FEDEX	8729 5760 1523	N/A	Good	Yes No None	1010570

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

12/7/2010
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP Silvercroft-AZ*
Project #: ST010022.0018.00002
Workorder #: 1011506

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 11/22/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1011506

Work Order Summary

CLIENT:	Mr. Michael Nesky LFR Inc. an ARCADIS company 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	ST010022.0018.00002 KMEP Silvercroft-AZ*
DATE RECEIVED:	11/22/2010	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/07/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-111810-EFF	Modified TO-15	4.0 "Hg	15 psi
02A	VSP-111810-MID CARB	Modified TO-15	3.5 "Hg	15 psi
03A	VSP-111810-POST OX	Modified TO-15	3.5 "Hg	15 psi
04A	VSP-111810-INF	Modified TO-15	3.5 "Hg	15 psi
05A	Lab Blank	Modified TO-15	NA	NA
05B	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
06B	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA
07B	LCS	Modified TO-15	NA	NA
07BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 12/07/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 Std & Soil Gas
LFR Inc. an ARCADIS company
Workorder# 1011506

Four 1 Liter Summa Canister samples were received on November 22, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-111810-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-111810-EFF

Lab ID#: 1011506-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	58	210	240	860

Client Sample ID: VSP-111810-MID CARB

Lab ID#: 1011506-02A

No Detections Were Found.

Client Sample ID: VSP-111810-POST OX

Lab ID#: 1011506-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.1	1.2	4.3	4.5
m,p-Xylene	1.1	1.3	5.0	5.8
TPH ref. to Gasoline (MW=100)	57	130	230	530

Client Sample ID: VSP-111810-INF

Lab ID#: 1011506-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	28000	3600	91000
Toluene	1100	190000	4300	700000
Ethyl Benzene	1100	28000	5000	120000
m,p-Xylene	1100	330000	5000	1400000
o-Xylene	1100	130000	5000	550000
1,2,4-Trimethylbenzene	1100	91000	5600	440000
1,3,5-Trimethylbenzene	1100	28000	5600	140000
TPH ref. to Gasoline (MW=100)	23000	8500000	94000	35000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111810-EFF

Lab ID#: 1011506-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120217**	**Date of Collection:**	**11/18/10 5:00:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**12/3/10 02:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	210	240	860

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111810-MID CARB

Lab ID#: 1011506-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120218**	**Date of Collection:**	**11/18/10 5:10:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**12/3/10 03:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	86	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111810-POST OX

Lab ID#: 1011506-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120219**	**Date of Collection:**	**11/18/10 5:20:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**12/3/10 04:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	1.2	4.3	4.5
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	1.3	5.0	5.8
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	130	230	530

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111810-INF

Lab ID#: 1011506-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b113022**	**Date of Collection:**	**11/18/10 5:30:00 PM**
Dil. Factor:	**229**	**Date of Analysis:**	**11/30/10 11:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1100	28000	3600	91000
Toluene	1100	190000	4300	700000
Ethyl Benzene	1100	28000	5000	120000
m,p-Xylene	1100	330000	5000	1400000
o-Xylene	1100	130000	5000	550000
Tetrachloroethene	1100	Not Detected	7800	Not Detected
Trichloroethene	1100	Not Detected	6200	Not Detected
1,2,4-Trimethylbenzene	1100	91000	5600	440000
1,3,5-Trimethylbenzene	1100	28000	5600	140000
TPH ref. to Gasoline (MW=100)	23000	8500000	94000	35000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	127	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011506-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b113012**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/30/10 04:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011506-05B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120216**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/3/10 02:05 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011506-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b113002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/30/10 10:01 AM**	

Compound	**%Recovery**
Benzene	99
Toluene	99
Ethyl Benzene	98
m,p-Xylene	97
o-Xylene	99
Tetrachloroethene	115
Trichloroethene	102
1,2,4-Trimethylbenzene	101
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011506-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 08:48 PM**	

Compound	**%Recovery**
Benzene	88
Toluene	87
Ethyl Benzene	89
m,p-Xylene	90
o-Xylene	91
Tetrachloroethene	106
Trichloroethene	92
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011506-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b113005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/30/10 12:07 PM**	

Compound	**%Recovery**
Benzene	110
Toluene	110
Ethyl Benzene	111
m,p-Xylene	106
o-Xylene	109
Tetrachloroethene	112
Trichloroethene	109
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011506-07AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b113006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/30/10 12:28 PM**	

Compound	**%Recovery**
Benzene	114
Toluene	114
Ethyl Benzene	115
m,p-Xylene	112
o-Xylene	113
Tetrachloroethene	112
Trichloroethene	113
1,2,4-Trimethylbenzene	121
1,3,5-Trimethylbenzene	122
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011506-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 09:29 PM**	

Compound	**%Recovery**
Benzene	92
Toluene	92
Ethyl Benzene	95
m,p-Xylene	99
o-Xylene	100
Tetrachloroethene	110
Trichloroethene	97
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011506-07BB

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x120205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/2/10 10:05 PM**	

Compound	**%Recovery**
Benzene	93
Toluene	90
Ethyl Benzene	94
m,p-Xylene	93
o-Xylene	94
Tetrachloroethene	111
Trichloroethene	96
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

1/3/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: STO10022.0018/00002
Workorder #: 1012423

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 12/17/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1012423

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 640 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO10022.0018/00002
DATE RECEIVED:	12/17/2010	**CONTACT:**	KMEP/Silvercroft Kyle Vagadori
DATE COMPLETED:	01/03/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-121510-EFF	Modified TO-15	5.0 "Hg	15 psi
02A	VSP-121510-MID CAR	Modified TO-15	4.2 "Hg	15 psi
03A	VSP-121510-MID CAR DUP	Modified TO-15	4.4 "Hg	15 psi
04A	VSP-121510-POST OX	Modified TO-15	4.4 "Hg	15 psi
05A	VSP-121510-INF	Modified TO-15	3.8 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 01/03/11

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1012423

Five 1 Liter Summa Canister samples were received on December 17, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-121510-INF due to the presence of high level target species.

The results for TPH gasoline were reported as not-detected in samples VSP-121520-EFF, VSP-121510-MID CAR, and VSP-121510-MID CAR DUP since the chromatographic profiles were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-121510-EFF

Lab ID#: 1012423-01A

No Detections Were Found.

Client Sample ID: VSP-121510-MID CAR

Lab ID#: 1012423-02A

No Detections Were Found.

Client Sample ID: VSP-121510-MID CAR DUP

Lab ID#: 1012423-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	1.2	1.9	8.0	13

Client Sample ID: VSP-121510-POST OX

Lab ID#: 1012423-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	59	96	240	390

Client Sample ID: VSP-121510-INF

Lab ID#: 1012423-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	640	23000	2000	75000
Toluene	640	110000	2400	400000
Ethyl Benzene	640	15000	2800	63000
m,p-Xylene	640	220000	2800	950000
o-Xylene	640	88000	2800	380000
1,2,4-Trimethylbenzene	640	64000	3100	320000
1,3,5-Trimethylbenzene	640	20000	3100	99000
TPH ref. to Gasoline (MW=100)	13000	7100000	52000	29000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121510-EFF

Lab ID#: 1012423-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122822**	**Date of Collection:**	**12/15/10 3:00:00 PM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**12/28/10 10:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	88	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121510-MID CAR

Lab ID#: 1012423-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122823**	**Date of Collection:**	**12/15/10 3:10:00 PM**
Dil. Factor:	**2.35**	**Date of Analysis:**	**12/28/10 11:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	8.0	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	59	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121510-MID CAR DUP

Lab ID#: 1012423-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122824**	**Date of Collection:**	**12/15/10 3:10:00 PM**
Dil. Factor:	**2.37**	**Date of Analysis:**	**12/28/10 11:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	1.9	8.0	13
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	59	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121510-POST OX

Lab ID#: 1012423-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122825**	**Date of Collection:**	**12/15/10 3:20:00 PM**
Dil. Factor:	**2.37**	**Date of Analysis:**	**12/29/10 12:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	8.0	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	59	96	240	390

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121510-INF

Lab ID#: 1012423-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b122812**	**Date of Collection:**	**12/15/10 3:28:00 PM**
Dil. Factor:	**128**	**Date of Analysis:**	**12/28/10 01:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	640	23000	2000	75000
Toluene	640	110000	2400	400000
Ethyl Benzene	640	15000	2800	63000
m,p-Xylene	640	220000	2800	950000
o-Xylene	640	88000	2800	380000
Tetrachloroethene	640	Not Detected	4300	Not Detected
Trichloroethene	640	Not Detected	3400	Not Detected
1,2,4-Trimethylbenzene	640	64000	3100	320000
1,3,5-Trimethylbenzene	640	20000	3100	99000
TPH ref. to Gasoline (MW=100)	13000	7100000	52000	29000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1012423-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 11:50 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	83	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1012423-06B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b122808**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 10:22 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1012423-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 08:08 AM**	

Compound	**%Recovery**
Benzene	95
Toluene	96
Ethyl Benzene	98
m,p-Xylene	101
o-Xylene	101
Tetrachloroethene	115
Trichloroethene	98
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1012423-07B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b122802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 06:34 AM**	

Compound	**%Recovery**
Benzene	105
Toluene	103
Ethyl Benzene	102
m,p-Xylene	99
o-Xylene	98
Tetrachloroethene	99
Trichloroethene	102
1,2,4-Trimethylbenzene	87
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1012423-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 08:44 AM**	

Compound	**%Recovery**
Benzene	96
Toluene	94
Ethyl Benzene	95
m,p-Xylene	94
o-Xylene	94
Tetrachloroethene	114
Trichloroethene	99
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	91
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1012423-08AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**x122804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 09:20 AM**	

Compound	**%Recovery**
Benzene	96
Toluene	93
Ethyl Benzene	94
m,p-Xylene	93
o-Xylene	95
Tetrachloroethene	112
Trichloroethene	98
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	91
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1012423-08B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b122803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 07:32 AM**	

Compound	**%Recovery**
Benzene	107
Toluene	104
Ethyl Benzene	107
m,p-Xylene	103
o-Xylene	103
Tetrachloroethene	99
Trichloroethene	105
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	108	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1012423-08BB

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**b122804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/10 08:27 AM**	

Compound	**%Recovery**
Benzene	106
Toluene	105
Ethyl Benzene	109
m,p-Xylene	105
o-Xylene	105
Tetrachloroethene	102
Trichloroethene	104
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	110
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: KMEP/SILVERCROFT
Project Name: ST010022.0018/00002 mk

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-121518-EFF	1357	12/15/18	15:00	TO15 + TPH	-27.0	-2.0		
02A	VSP-121510-MID CAR	36566	↓	15:10	↓	-27.0	-2.0		
03A	VSP-121510-MID CAR DUP	35628	↓	15:10	↓	-27.0	-2.0		
04A	VSP-121510-POST OX	1462	↓	15:20	↓	-27.0	-2.0		
05A	VSP-121510-INF	9318	↓	15:28	↓	-27.0	-1.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/16/10 14:10	FED EX	12/16/10 14:10
		[illegible] ATL	12/17/10 0940

Notes: TOTALIZER = 196838

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FED EX	5729576001604	N/A	GOOD	Yes No None	1012423

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

7/20/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: SILVERCROFT
Project #: STO1002219.00002
Workorder #: 1107115

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 7/7/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1107115

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO1002219.00002 SILVERCROFT
DATE RECEIVED:	07/07/2011	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/20/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-070511-EFF	Modified TO-15	3.2 "Hg	15 psi
02A	VSP-070511-MID CAR	Modified TO-15	3.6 "Hg	15 psi
03A	VSP-070511-POST OX	Modified TO-15	3.2 "Hg	15 psi
04A	VSP-070511-	Modified TO-15	3.4 "Hg	15 psi
05A	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 07/20/11

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1107115

Four 1 Liter Summa Canister samples were received on July 07, 2011. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-070511- due to the presence of high level target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-070511- was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-070511-EFF

Lab ID#: 1107115-01A

No Detections Were Found.

Client Sample ID: VSP-070511-MID CAR

Lab ID#: 1107115-02A

No Detections Were Found.

Client Sample ID: VSP-070511-POST OX

Lab ID#: 1107115-03A

No Detections Were Found.

Client Sample ID: VSP-070511-

Lab ID#: 1107115-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	460	31000	1400	98000
Toluene	460	43000	1700	160000
Ethyl Benzene	460	1400	2000	5900
m,p-Xylene	460	150000	2000	650000
o-Xylene	460	67000	2000	290000
1,2,4-Trimethylbenzene	460	41000	2200	200000
1,3,5-Trimethylbenzene	460	16000	2200	79000
TPH ref. to Gasoline (MW=100)	23000	5100000	93000	21000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-070511-EFF

Lab ID#: 1107115-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071222**	**Date of Collection:**	**7/5/11 6:15:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**7/13/11 07:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	125	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-070511-MID CAR

Lab ID#: 1107115-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071224**	**Date of Collection:**	**7/5/11 6:20:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**7/13/11 07:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	127	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-070511-POST OX

Lab ID#: 1107115-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071225**	**Date of Collection:**	**7/5/11 6:25:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**7/13/11 08:54 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	128	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-070511-

Lab ID#: 1107115-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071228**	**Date of Collection:**	**7/5/11 6:35:00 PM**
Dil. Factor:	**912**	**Date of Analysis:**	**7/13/11 10:51 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	460	31000	1400	98000
Toluene	460	43000	1700	160000
Ethyl Benzene	460	1400	2000	5900
m,p-Xylene	460	150000	2000	650000
o-Xylene	460	67000	2000	290000
Tetrachloroethene	460	Not Detected	3100	Not Detected
Trichloroethene	460	Not Detected	2400	Not Detected
1,2,4-Trimethylbenzene	460	41000	2200	200000
1,3,5-Trimethylbenzene	460	16000	2200	79000
TPH ref. to Gasoline (MW=100)	23000	5100000	93000	21000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	171 Q	70-130
4-Bromofluorobenzene	115	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1107115-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071212**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/11 06:20 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: CCV

Lab ID#: 1107115-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/11 02:55 PM**	

Compound	**%Recovery**
Benzene	112
Toluene	110
Ethyl Benzene	117
m,p-Xylene	119
o-Xylene	121
Tetrachloroethene	112
Trichloroethene	114
1,2,4-Trimethylbenzene	128
1,3,5-Trimethylbenzene	123
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1107115-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/11 03:16 PM**	

Compound	**%Recovery**
Benzene	95
Toluene	92
Ethyl Benzene	95
m,p-Xylene	98
o-Xylene	100
Tetrachloroethene	91
Trichloroethene	118
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1107115-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p071207**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/12/11 03:33 PM**	

Compound	**%Recovery**
Benzene	90
Toluene	87
Ethyl Benzene	91
m,p-Xylene	96
o-Xylene	94
Tetrachloroethene	87
Trichloroethene	110
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) MATT TANI / M Tani
Company ARCADIS-US Email MICHAEL.NESKY@ARCADIS-US.COM
Address 4201 N 87th ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9353 Fax 480 905-9311

Project Info:
P.O. #
Project # AT01002219.00002
Project Name SILVERCRAFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-070511-EFF	36475	7/05/11	18:15	TO 15 + TPH	-29.5	-1		
02A	VSP-070511-MID CAT	34603	↓	18:20	↓	-29	-1		
03A	VSP-070511-POST OX	36532	↓	18:25	↓	-30	-1		
04A	VSP-070511-	36386	↓	18:35	↓	-30	-1		
	~~VSP-~~ MW BAD CAN/NOT USED	36451	↓	—	NOT USED	-8.5			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M Tani	7/6/11 12:15	FEDEX KINKO'S	7/6/11 12:15
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible] ATL	7-7-11 0910
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No None	1107115

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

8/18/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP Silvercroft
Project #: ST01022.0019.00002
Workorder #: 1108144

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 8/5/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1108144

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	ST01022.0019.00002 KMEP Silvercroft
DATE RECEIVED:	08/05/2011	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	08/18/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-080311-EFF	Modified TO-15	3.5 "Hg	15 psi
02A	VSP-080311-MIDCRB	Modified TO-15	4.0 "Hg	15 psi
03A	VSP-080311-POSTOX	Modified TO-15	3.0 "Hg	15 psi
04A	VSP-080311-POSTOX DUP	Modified TO-15	3.0 "Hg	15 psi
05A	VSP-080311-INF	Modified TO-15	3.0 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 08/18/11

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1108144

Five 1 Liter Summa Canister samples were received on August 05, 2011. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-080311-EFF

Lab ID#: 1108144-01A

No Detections Were Found.

Client Sample ID: VSP-080311-MIDCRB

Lab ID#: 1108144-02A

No Detections Were Found.

Client Sample ID: VSP-080311-POSTOX

Lab ID#: 1108144-03A

No Detections Were Found.

Client Sample ID: VSP-080311-POSTOX DUP

Lab ID#: 1108144-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
m,p-Xylene	1.1	1.2	4.9	5.0
1,2,4-Trimethylbenzene	1.1	1.1	5.5	5.6

Client Sample ID: VSP-080311-INF

Lab ID#: 1108144-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	10000	890	32000
Toluene	280	22000	1000	82000
Ethyl Benzene	280	1400	1200	6300
m,p-Xylene	280	77000	1200	340000
o-Xylene	280	34000	1200	150000
1,2,4-Trimethylbenzene	280	23000	1400	110000
1,3,5-Trimethylbenzene	280	8600	1400	42000
TPH ref. to Gasoline (MW=100)	14000	3700000	57000	15000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-080311-EFF

Lab ID#: 1108144-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081309**	**Date of Collection:**	**8/3/11 1:20:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**8/13/11 12:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-080311-MIDCRB

Lab ID#: 1108144-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081311**	**Date of Collection:**	**8/3/11 1:30:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**8/13/11 01:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-080311-POSTOX

Lab ID#: 1108144-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081312**	**Date of Collection:**	**8/3/11 1:40:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**8/13/11 02:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-080311-POSTOX DUP

Lab ID#: 1108144-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081313**	**Date of Collection:**	**8/3/11 1:40:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**8/13/11 02:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	1.2	4.9	5.0
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	1.1	5.5	5.6
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-080311-INF

Lab ID#: 1108144-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081318**	**Date of Collection:**	**8/3/11 1:50:00 PM**
Dil. Factor:	**560**	**Date of Analysis:**	**8/13/11 05:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	10000	890	32000
Toluene	280	22000	1000	82000
Ethyl Benzene	280	1400	1200	6300
m,p-Xylene	280	77000	1200	340000
o-Xylene	280	34000	1200	150000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	23000	1400	110000
1,3,5-Trimethylbenzene	280	8600	1400	42000
TPH ref. to Gasoline (MW=100)	14000	3700000	57000	15000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	110	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1108144-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081307**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/11 11:45 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1108144-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/11 09:27 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	104
Ethyl Benzene	108
m,p-Xylene	113
o-Xylene	112
Tetrachloroethene	107
Trichloroethene	106
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1108144-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/11 09:47 AM**	

Compound	**%Recovery**
Benzene	106
Toluene	105
Ethyl Benzene	113
m,p-Xylene	118
o-Xylene	115
Tetrachloroethene	111
Trichloroethene	108
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1108144-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p081304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/13/11 10:13 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	103
Ethyl Benzene	105
m,p-Xylene	111
o-Xylene	108
Tetrachloroethene	103
Trichloroethene	106
1,2,4-Trimethylbenzene	105
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager: Michael Nesky
Collected by: (Print and Sign) M. Tani / M. Tani
Company: Arcadis Email:
Address: 14201 N. 87th St. 135 City: Scottsdale State: Az Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: ST01022.0019.00002
Project Name: KMEP-Silverado

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-080311-EFF	9516	8/3/11	1320	TO15 (TPH)	-29	-1		
02A	VSP-080311-MIDCRB	12363	↓	1330	↓	-29	-1		
03A	VSP-080311-POST OX	9710Z	↓	1340	↓	-29	-1		
04A	VSP-080311-POST OX DUP	9331	↓	1340	↓	-29	-1		
05A	VSP-080311-INF	36528	↓	1350	↓	-29	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	8/4/11 1150	Fed Ex	8/4/11 1150
		B. Wittholder ATL	8/5/11 0900

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No None	1108144

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

10/13/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP SILVERCROFT
Project #: st010022.0022.00002
Workorder #: 1109615

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 9/30/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1109615

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	st010022.0022.00002 KMEP SILVERCROFT
DATE RECEIVED:	09/30/2011	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/13/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-092811- EFF	Modified TO-15	4.4 "Hg	15 psi
02A	VSP-092811- MID CAR	Modified TO-15	4.8 "Hg	15 psi
03A	VSP-092811- MID CAR DUP	Modified TO-15	4.0 "Hg	15 psi
04A	VSP-092811 - POST OX	Modified TO-15	3.6 "Hg	15 psi
05A	VSP-092811 - INF	Modified TO-15	3.6 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 10/13/11

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1109615

Five 1 Liter Summa Canister samples were received on September 30, 2011. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-092811 - INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-092811- EFF

Lab ID#: 1109615-01A

No Detections Were Found.

Client Sample ID: VSP-092811- MID CAR

Lab ID#: 1109615-02A

No Detections Were Found.

Client Sample ID: VSP-092811- MID CAR DUP

Lab ID#: 1109615-03A

No Detections Were Found.

Client Sample ID: VSP-092811 - POST OX

Lab ID#: 1109615-04A

No Detections Were Found.

Client Sample ID: VSP-092811 - INF

Lab ID#: 1109615-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	580	6300	1800	20000
Toluene	580	15000	2200	57000
Ethyl Benzene	580	1200	2500	5400
m,p-Xylene	580	130000	2500	570000
o-Xylene	580	57000	2500	240000
1,2,4-Trimethylbenzene	580	35000	2800	170000
1,3,5-Trimethylbenzene	580	12000	2800	61000
TPH ref. to Gasoline (MW=100)	29000	6600000	120000	27000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092811- EFF

Lab ID#: 1109615-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100111**	**Date of Collection:**	**9/28/11 5:20:00 PM**
Dil. Factor:	**2.37**	**Date of Analysis:**	**10/1/11 01:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	8.0	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	59	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	109	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092811- MID CAR

Lab ID#: 1109615-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100112**	**Date of Collection:**	**9/28/11 5:30:00 PM**
Dil. Factor:	**2.40**	**Date of Analysis:**	**10/1/11 02:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	111	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092811- MID CAR DUP

Lab ID#: 1109615-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100113**	**Date of Collection:**	**9/28/11 5:30:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/1/11 02:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	111	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092811 - POST OX

Lab ID#: 1109615-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100114**	**Date of Collection:**	**9/28/11 5:38:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**10/1/11 03:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	90	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	111	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-092811 - INF

Lab ID#: 1109615-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100116**	**Date of Collection:**	**9/28/11 5:45:00 PM**
Dil. Factor:	**1150**	**Date of Analysis:**	**10/1/11 04:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	580	6300	1800	20000
Toluene	580	15000	2200	57000
Ethyl Benzene	580	1200	2500	5400
m,p-Xylene	580	130000	2500	570000
o-Xylene	580	57000	2500	240000
Tetrachloroethene	580	Not Detected	3900	Not Detected
Trichloroethene	580	Not Detected	3100	Not Detected
1,2,4-Trimethylbenzene	580	35000	2800	170000
1,3,5-Trimethylbenzene	580	12000	2800	61000
TPH ref. to Gasoline (MW=100)	29000	6600000	120000	27000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	122	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1109615-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/1/11 10:44 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	111	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1109615-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/1/11 08:38 AM**	

Compound	**%Recovery**
Benzene	91
Toluene	93
Ethyl Benzene	102
m,p-Xylene	105
o-Xylene	104
Tetrachloroethene	109
Trichloroethene	93
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	101
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	120	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1109615-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/1/11 09:15 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	94
Ethyl Benzene	98
m,p-Xylene	102
o-Xylene	99
Tetrachloroethene	105
Trichloroethene	95
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	115	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1109615-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p100104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/1/11 09:32 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	92
Ethyl Benzene	98
m,p-Xylene	104
o-Xylene	101
Tetrachloroethene	105
Trichloroethene	94
1,2,4-Trimethylbenzene	102
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	118	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS Email:
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0022.00002
Project Name: KMEP SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-092811-EFF	8028	9/28/11	17:20	TO 15	-28	-2		
02A	VSP-092811-MID CAR	37701	↓	17:30	↓	-28	-2		
03A	VSP-092811-MID CAR DUP	36438	↓	17:30	↓	-28	-2		
04A	VSP-092811-POST OX	3007	↓	17:38	↓	-28	-2		
05A	VSP-092811-INF	35666	↓	17:45	↓	-28	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	9/29/11 11:05	FED Ex Kinkos	9/29/11 11:05
		AR	09/30/11 0850

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FED EX	8742 0120 4430	NA	GOOD	Yes No None	1109615

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

10/31/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP Silvercroft
Project #: STO10022.0020.00002
Workorder #: 1110331

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 10/18/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1110331

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	STO10022.0020.00002 KMEP Silvercroft
DATE RECEIVED:	10/18/2011	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	10/31/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-101311-EFF	Modified TO-15	4.0 "Hg	5 psi
02A	VSP-101311-MID CAR	Modified TO-15	3.5 "Hg	5 psi
03A	VSP-101311-MID CAR DUP	Modified TO-15	4.0 "Hg	5 psi
04A	VSP-101311-POST OX	Modified TO-15	4.0 "Hg	5 psi
05A	VSP-101311-INF	Modified TO-15	3.5 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 10/31/11

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1110331

Five 1 Liter Summa Canister samples were received on October 18, 2011. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-101311-INF due to the presence of high level target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in samples VSP-101311-POST OX and VSP-101311-INF was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-101311-EFF

Lab ID#: 1110331-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	0.78	1.4	2.9	5.4
TPH ref. to Gasoline (MW=100)	39	74	160	300

Client Sample ID: VSP-101311-MID CAR

Lab ID#: 1110331-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	54	66	220	270

Client Sample ID: VSP-101311-MID CAR DUP

Lab ID#: 1110331-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	39	88	160	360

Client Sample ID: VSP-101311-POST OX

Lab ID#: 1110331-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	39	98	160	400

Client Sample ID: VSP-101311-INF

Lab ID#: 1110331-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	4600	970	15000
Toluene	300	10000	1100	38000
Ethyl Benzene	300	1300	1300	5500
m,p-Xylene	300	120000	1300	510000
o-Xylene	300	54000	1300	230000
1,2,4-Trimethylbenzene	300	32000	1500	160000

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-101311-INF

Lab ID#: 1110331-05A

1,3,5-Trimethylbenzene	300	12000	1500	61000
TPH ref. to Gasoline (MW=100)	15000	6000000	62000	24000000

Air Toxics LTD.
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Client Sample ID: VSP-101311-EFF

Lab ID#: 1110331-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101821**	**Date of Collection:**	**10/13/11 4:00:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/19/11 01:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	1.4	2.9	5.4
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	74	160	300

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	125	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-101311-MID CAR

Lab ID#: 1110331-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101828**	**Date of Collection:**	**10/13/11 4:10:00 PM**
Dil. Factor:	**2.14**	**Date of Analysis:**	**10/19/11 06:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.4	Not Detected
Toluene	1.1	Not Detected	4.0	Not Detected
Ethyl Benzene	1.1	Not Detected	4.6	Not Detected
m,p-Xylene	1.1	Not Detected	4.6	Not Detected
o-Xylene	1.1	Not Detected	4.6	Not Detected
Tetrachloroethene	1.1	Not Detected	7.2	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.2	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	54	66	220	270

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	128	70-130
4-Bromofluorobenzene	88	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-101311-MID CAR DUP

Lab ID#: 1110331-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101825**	**Date of Collection:**	**10/13/11 4:10:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/19/11 03:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	88	160	360

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-101311-POST OX

Lab ID#: 1110331-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101826**	**Date of Collection:**	**10/13/11 4:20:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**10/19/11 04:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	98	160	400

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	139 Q	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-101311-INF

Lab ID#: 1110331-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101824**	**Date of Collection:**	**10/13/11 4:30:00 PM**
Dil. Factor:	**608**	**Date of Analysis:**	**10/19/11 02:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	4600	970	15000
Toluene	300	10000	1100	38000
Ethyl Benzene	300	1300	1300	5500
m,p-Xylene	300	120000	1300	510000
o-Xylene	300	54000	1300	230000
Tetrachloroethene	300	Not Detected	2100	Not Detected
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	32000	1500	160000
1,3,5-Trimethylbenzene	300	12000	1500	61000
TPH ref. to Gasoline (MW=100)	15000	6000000	62000	24000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	142 Q	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1110331-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101820**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/19/11 12:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	125	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1110331-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/18/11 09:07 PM**	

Compound	**%Recovery**
Benzene	86
Toluene	83
Ethyl Benzene	87
m,p-Xylene	86
o-Xylene	87
Tetrachloroethene	83
Trichloroethene	83
1,2,4-Trimethylbenzene	84
1,3,5-Trimethylbenzene	89
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1110331-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101808**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/18/11 09:44 PM**	

Compound	**%Recovery**
Benzene	103
Toluene	98
Ethyl Benzene	105
m,p-Xylene	105
o-Xylene	104
Tetrachloroethene	100
Trichloroethene	102
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1110331-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o101809**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/18/11 10:01 PM**	

Compound	**%Recovery**
Benzene	103
Toluene	98
Ethyl Benzene	104
m,p-Xylene	104
o-Xylene	104
Tetrachloroethene	97
Trichloroethene	101
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0020.00002
Project Name: KMEP SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-101311-EFF	35639	10/13/11	16:00	TO 15	-27.5	-2		
02A	VSP-101311-MID CAR	34100	↓	16:10	↓	-28	-2		
03A	VSP-101311-MID CAR DUP	3391	↓	16:10	↓	-28	-2		
04A	VSP-101311-POST OX	37700	↓	16:20	↓	-28	-2		
05A	VSP-101311-INF	34149	↓	16:30	↓	-28	-2		

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Mark Hammer 10/17/11 12:55	FED EX KINKOS 10/17/11 12:55
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
	[illegible] 10/18/11 0850
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FED EX		NA	GOOD	Yes No (None)	1110331

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

12/10/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP Silvercroft
Project #: STO10022.0020.00002
Workorder #: 1111415

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 11/22/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1111415

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	STO10022.0020.00002 KMEP Silvercroft
DATE RECEIVED:	11/22/2011	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/10/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-111811-EFF	Modified TO-15	2.8 "Hg	5 psi
02A	VSP-111811-MIDCRB	Modified TO-15	2.8 "Hg	5 psi
03A	VSP-111811-POST OX	Modified TO-15	3.6 "Hg	5 psi
04A	VSP-111811-POST OX-DUP	Modified TO-15	3.0 "Hg	5 psi
05A	VSP-111811-INF	Modified TO-15	3.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 12/10/11

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1111415

Five 1 Liter Summa Canister samples were received on November 22, 2011. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-111811-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-111811-EFF

Lab ID#: 1111415-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	37	82	150	340

Client Sample ID: VSP-111811-MIDCRB

Lab ID#: 1111415-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	37	70	150	290

Client Sample ID: VSP-111811-POST OX

Lab ID#: 1111415-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	0.76	1.2	2.9	4.5
m,p-Xylene	0.76	0.82	3.3	3.6
1,2,4-Trimethylbenzene	0.76	0.79	3.7	3.9
TPH ref. to Gasoline (MW=100)	38	80	160	330

Client Sample ID: VSP-111811-POST OX-DUP

Lab ID#: 1111415-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
m,p-Xylene	0.74	0.88	3.2	3.8
1,2,4-Trimethylbenzene	0.74	0.84	3.7	4.1
TPH ref. to Gasoline (MW=100)	37	66	150	270

Client Sample ID: VSP-111811-INF

Lab ID#: 1111415-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	500	3300	1600	11000
Toluene	500	5100	1900	19000

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-111811-INF

Lab ID#: 1111415-05A

Ethyl Benzene	500	1200	2200	5300
m,p-Xylene	500	89000	2200	390000
o-Xylene	500	46000	2200	200000
1,2,4-Trimethylbenzene	500	42000	2400	210000
1,3,5-Trimethylbenzene	500	16000	2400	80000
TPH ref. to Gasoline (MW=100)	25000	4000000	100000	16000000

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Laboratory Services Since 1989

Client Sample ID: VSP-111811-EFF

Lab ID#: 1111415-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112513**	**Date of Collection:**	**11/18/11 3:40:00 PM**
Dil. Factor:	**1.48**	**Date of Analysis:**	**11/26/11 08:17 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	37	82	150	340

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	78	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111811-MIDCRB

Lab ID#: 1111415-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112514**	**Date of Collection:**	**11/18/11 3:45:00 PM**
Dil. Factor:	**1.48**	**Date of Analysis:**	**11/26/11 08:52 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	37	70	150	290

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111811-POST OX

Lab ID#: 1111415-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112517**	**Date of Collection:**	**11/18/11 3:52:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**11/26/11 10:06 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	1.2	2.9	4.5
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	0.82	3.3	3.6
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	0.79	3.7	3.9
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	80	160	330

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111811-POST OX-DUP

Lab ID#: 1111415-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112515**	**Date of Collection:**	**11/18/11 3:52:00 PM**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/26/11 09:17 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	0.88	3.2	3.8
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	0.84	3.7	4.1
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	37	66	150	270

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	86	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-111811-INF

Lab ID#: 1111415-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112518**	**Date of Collection:**	**11/18/11 3:57:00 PM**
Dil. Factor:	**993**	**Date of Analysis:**	**11/26/11 10:34 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	500	3300	1600	11000
Toluene	500	5100	1900	19000
Ethyl Benzene	500	1200	2200	5300
m,p-Xylene	500	89000	2200	390000
o-Xylene	500	46000	2200	200000
Tetrachloroethene	500	Not Detected	3400	Not Detected
Trichloroethene	500	Not Detected	2700	Not Detected
1,2,4-Trimethylbenzene	500	42000	2400	210000
1,3,5-Trimethylbenzene	500	16000	2400	80000
TPH ref. to Gasoline (MW=100)	25000	4000000	100000	16000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1111415-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/25/11 06:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	80	70-130
4-Bromofluorobenzene	98	70-130

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Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1111415-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/25/11 04:10 PM**	

Compound	**%Recovery**
Benzene	96
Toluene	89
Ethyl Benzene	104
m,p-Xylene	104
o-Xylene	103
Tetrachloroethene	98
Trichloroethene	90
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	75	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1111415-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/25/11 04:51 PM**	

Compound	**%Recovery**
Benzene	90
Toluene	80
Ethyl Benzene	93
m,p-Xylene	94
o-Xylene	94
Tetrachloroethene	89
Trichloroethene	84
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	74	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1111415-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o112504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/25/11 05:08 PM**	

Compound	**%Recovery**
Benzene	88
Toluene	81
Ethyl Benzene	93
m,p-Xylene	95
o-Xylene	95
Tetrachloroethene	89
Trichloroethene	83
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	96
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	72	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Neeley
Collected by: (Print and Sign) M. Tani / M. Tani
Company: Arcadis Email: michael.neeley@arcadis-us.com
Address: 14201 N. 87th St., 135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: ST010022.0020.00002
Project Name: KMEP-Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-111811-EFF	2130	11/18/11	1540	TO15 (+ TPH)	-29	Ø		
02A	VSP-111811-MID CRB	12042	↓	1545	↓	-28	Ø		
03A	VSP-111811-POST OX	2120	↓	1552	↓	-28	Ø		
04A	VSP-111811-POST OX-DUP	37671	↓	1552	↓	-28	Ø		
05A	VSP-111811-INF	37717	↓	1557	↓	-29	Ø		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	11/21/11 0910	FedEx office	11/21/11 0910
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		ATL	11/22/11 0710
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
gage would "Ø" to -2 or -4. So called final psi "Ø". No Note

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FEDEX		NA	Good	Yes No None	1111415

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

12/29/2011
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: STO10022.0020/00002
Project #: KMEP/SILVERCROFT
Workorder #: 1112402

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 12/19/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1112402

Work Order Summary

CLIENT:	Mr. Michael Nesky ARCADIS, Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable ARCADIS, Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	KMEP/SILVERCROFT STO10022.0020/00002
DATE RECEIVED:	12/19/2011	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/29/2011		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-121511-EFF	Modified TO-15	3.6 "Hg	5 psi
02A	VSP-121511-MID CAR	Modified TO-15	4.0 "Hg	5 psi
03A	VSP-121511-MID CAR DUP	Modified TO-15	4.0 "Hg	5 psi
04A	VSP-121511-POST OX	Modified TO-15	3.6 "Hg	5 psi
05A	VSP-121511-INF	Modified TO-15	3.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 12/29/11

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1112402

Five 1 Liter Summa Canister samples were received on December 19, 2011. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-121511-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Air Toxics LTD.
Laboratory Services Since 1989

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-121511-EFF

Lab ID#: 1112402-01A

No Detections Were Found.

Client Sample ID: VSP-121511-MID CAR

Lab ID#: 1112402-02A

No Detections Were Found.

Client Sample ID: VSP-121511-MID CAR DUP

Lab ID#: 1112402-03A

No Detections Were Found.

Client Sample ID: VSP-121511-POST OX

Lab ID#: 1112402-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	0.76	0.87	2.9	3.3

Client Sample ID: VSP-121511-INF

Lab ID#: 1112402-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	2400	710	7800
Toluene	220	6300	840	24000
Ethyl Benzene	220	850	970	3700
m,p-Xylene	220	64000	970	280000
o-Xylene	220	34000	970	150000
1,2,4-Trimethylbenzene	220	36000	1100	180000
1,3,5-Trimethylbenzene	220	13000	1100	66000
TPH ref. to Gasoline (MW=100)	11000	3400000	46000	14000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121511-EFF

Lab ID#: 1112402-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122010**	**Date of Collection:**	**12/15/11 2:25:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**12/20/11 03:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121511-MID CAR

Lab ID#: 1112402-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122011**	**Date of Collection:**	**12/15/11 2:35:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**12/20/11 04:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	83	70-130
1,2-Dichloroethane-d4	83	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121511-MID CAR DUP

Lab ID#: 1112402-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122012**	**Date of Collection:**	**12/15/11 2:35:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**12/20/11 05:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	82	70-130
1,2-Dichloroethane-d4	84	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121511-POST OX

Lab ID#: 1112402-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122013**	**Date of Collection:**	**12/15/11 2:40:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**12/20/11 05:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	0.87	2.9	3.3
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-121511-INF

Lab ID#: 1112402-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122020**	**Date of Collection:**	**12/15/11 2:50:00 PM**
Dil. Factor:	**447**	**Date of Analysis:**	**12/20/11 10:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	2400	710	7800
Toluene	220	6300	840	24000
Ethyl Benzene	220	850	970	3700
m,p-Xylene	220	64000	970	280000
o-Xylene	220	34000	970	150000
Tetrachloroethene	220	Not Detected	1500	Not Detected
Trichloroethene	220	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	220	36000	1100	180000
1,3,5-Trimethylbenzene	220	13000	1100	66000
TPH ref. to Gasoline (MW=100)	11000	3400000	46000	14000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	85	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	103	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1112402-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122009**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/20/11 02:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1112402-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/20/11 10:10 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	95
Ethyl Benzene	99
m,p-Xylene	98
o-Xylene	100
Tetrachloroethene	103
Trichloroethene	102
1,2,4-Trimethylbenzene	104
1,3,5-Trimethylbenzene	104
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	84	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1112402-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/20/11 10:47 AM**	

Compound	**%Recovery**
Benzene	82
Toluene	86
Ethyl Benzene	91
m,p-Xylene	91
o-Xylene	92
Tetrachloroethene	93
Trichloroethene	94
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	86	70-130
1,2-Dichloroethane-d4	86	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1112402-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**m122004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/20/11 11:25 AM**	

Compound	**%Recovery**
Benzene	80
Toluene	84
Ethyl Benzene	89
m,p-Xylene	89
o-Xylene	91
Tetrachloroethene	92
Trichloroethene	91
1,2,4-Trimethylbenzene	92
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	85	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9359

Project Info:
P.O. #:
Project #: KMEP/SILVERCROFT
Project Name: ST010022.0020/00002

Turn Around Time: ☒ Normal ☐ Rush ____ specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-121511-EFF	11897	12/15/11	14:25	TO 15 + TPH	-28.0	-2.0		
02A	VSP-121511-MID CAR	36480	↓	14:35	↓	-28.0	-2.0		
03A	VSP-121511-MID CAR DUP	37358		14:35		-27.5	-2.0		
04A	VSP-121511-POST OX	1349		14:40		-27.5	-2.0		
05A	VSP-121511-INF	12042		14:50		-26.0	-1.0		
						TOTALIZER =			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/16/11 10:25	FED EX KINKO'S	12/16/11 10:25
		AR	12/19/11 0945

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FED EX	8742 0120 4934	NA	GOOD	Yes No None	1112402

Form 1293 rev.11

Air Toxics LTD.
Laboratory Services Since 1989

2/13/2012
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: STO10022.0020.00002
Workorder #: 1202039

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 2/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori
Project Manager

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1202039

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 130 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO10022.0020.00002
DATE RECEIVED:	02/01/2012	**CONTACT:**	KMEP/Silvercroft Kyle Vagadori
DATE COMPLETED:	02/13/2012		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-013012-EFF	Modified TO-15	4.0 "Hg	5 psi
02A	VSP-013012-Post Ox	Modified TO-15	3.5 "Hg	5 psi
03A	VSP-013012-Post Ox dup	Modified TO-15	3.5 "Hg	5 psi
04A	VSP-013012-MIDCRB	Modified TO-15	3.0 "Hg	5 psi
05A	VSP-013012-INF	Modified TO-15	4.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman

DATE: 02/13/12

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1202039

Five 1 Liter Summa Canister samples were received on February 01, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-013012-INF due to the presence of high level target species.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-013012-EFF

Lab ID#: 1202039-01A

No Detections Were Found.

Client Sample ID: VSP-013012-Post Ox

Lab ID#: 1202039-02A

No Detections Were Found.

Client Sample ID: VSP-013012-Post Ox dup

Lab ID#: 1202039-03A

No Detections Were Found.

Client Sample ID: VSP-013012-MIDCRB

Lab ID#: 1202039-04A

No Detections Were Found.

Client Sample ID: VSP-013012-INF

Lab ID#: 1202039-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	310	1900	990	6200
Toluene	310	3300	1200	12000
Ethyl Benzene	310	510	1300	2200
m,p-Xylene	310	51000	1300	220000
o-Xylene	310	27000	1300	120000
1,2,4-Trimethylbenzene	310	23000	1500	120000
1,3,5-Trimethylbenzene	310	9400	1500	46000
TPH ref. to Gasoline (MW=100)	16000	3000000	63000	12000000

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-013012-EFF

Lab ID#: 1202039-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020319**	**Date of Collection:**	**1/30/12 5:10:00 PM**
Dil. Factor:	**1.55**	**Date of Analysis:**	**2/3/12 09:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.78	Not Detected	2.5	Not Detected
Toluene	0.78	Not Detected	2.9	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Tetrachloroethene	0.78	Not Detected	5.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.8	Not Detected
TPH ref. to Gasoline (MW=100)	39	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-013012-Post Ox

Lab ID#: 1202039-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020320**	**Date of Collection:**	**1/30/12 5:17:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**2/3/12 10:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-013012-Post Ox dup

Lab ID#: 1202039-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020321**	**Date of Collection:**	**1/30/12 5:17:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**2/3/12 11:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-013012-MIDCRB

Lab ID#: 1202039-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3020820**	**Date of Collection:**	**1/30/12 5:35:00 PM**
Dil. Factor:	**1.49**	**Date of Analysis:**	**2/8/12 05:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	37	Not Detected	150	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	108	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: VSP-013012-INF

Lab ID#: 1202039-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3020824**	**Date of Collection:**	**1/30/12 5:41:00 PM**
Dil. Factor:	**620**	**Date of Analysis:**	**2/8/12 09:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	310	1900	990	6200
Toluene	310	3300	1200	12000
Ethyl Benzene	310	510	1300	2200
m,p-Xylene	310	51000	1300	220000
o-Xylene	310	27000	1300	120000
Tetrachloroethene	310	Not Detected	2100	Not Detected
Trichloroethene	310	Not Detected	1700	Not Detected
1,2,4-Trimethylbenzene	310	23000	1500	120000
1,3,5-Trimethylbenzene	310	9400	1500	46000
TPH ref. to Gasoline (MW=100)	16000	3000000	63000	12000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1202039-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020306**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/12 11:24 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1202039-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3020806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/12 09:15 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1202039-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/12 08:27 AM**	

Compound	**%Recovery**
Benzene	89
Toluene	87
Ethyl Benzene	87
m,p-Xylene	85
o-Xylene	84
Tetrachloroethene	90
Trichloroethene	94
1,2,4-Trimethylbenzene	79
1,3,5-Trimethylbenzene	82
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1202039-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3020802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/12 07:23 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	104
Ethyl Benzene	107
m,p-Xylene	106
o-Xylene	110
Tetrachloroethene	107
Trichloroethene	110
1,2,4-Trimethylbenzene	113
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1202039-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/12 09:29 AM**	

Compound	**%Recovery**
Benzene	87
Toluene	83
Ethyl Benzene	84
m,p-Xylene	81
o-Xylene	80
Tetrachloroethene	88
Trichloroethene	92
1,2,4-Trimethylbenzene	73
1,3,5-Trimethylbenzene	76
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1202039-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2020304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/3/12 10:02 AM**	

Compound	**%Recovery**
Benzene	85
Toluene	80
Ethyl Benzene	79
m,p-Xylene	74
o-Xylene	75
Tetrachloroethene	89
Trichloroethene	91
1,2,4-Trimethylbenzene	64 Q
1,3,5-Trimethylbenzene	67 Q
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1202039-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3020803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/12 08:05 AM**	

Compound	**%Recovery**
Benzene	110
Toluene	108
Ethyl Benzene	109
m,p-Xylene	109
o-Xylene	113
Tetrachloroethene	108
Trichloroethene	116
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1202039-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3020804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/8/12 08:22 AM**	

Compound	**%Recovery**
Benzene	112
Toluene	109
Ethyl Benzene	113
m,p-Xylene	111
o-Xylene	115
Tetrachloroethene	112
Trichloroethene	119
1,2,4-Trimethylbenzene	118
1,3,5-Trimethylbenzene	120
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	109	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nasby
Collected by: (Print and Sign) M. Tani / TANI
Company: Arcadis Email: (on file)
Address: 14201 N. 87th St. City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: ST010022.0020.00052
Project Name: KMEP/Silverado

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-013012-EFF	9534	1/30/12	1710	TO15 (+TPN)	-28	-1		
02A	VSP-013012-PostOx	9515		1717		-28	-1		
03A	VSP-013012-PostOx dup	9495		1717		-27	-1		
04A	VSP-013012-MIDCRB	97108		1735		-28	-1		
05A	VSP-013012-INF	9368		1741		-28	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	1/31/12 1130	Fed Ex Office	1/31/12 1130
		[illegible]	2.1.12 0850

Notes:
Sorry for Corrections!
(20881.5 ex hrs)

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No None	1202030

Form 1293 rev.11

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3/10/2012
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP Silvercroft
Project #: STO10022.0021.00002
Workorder #: 1202586

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 2/27/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1202586

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0018
FAX:	480-905-9353	**PROJECT #**	STO10022.0021.00002 KMEP Silvercroft
DATE RECEIVED:	02/27/2012	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	03/10/2012		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-022312-EFF	Modified TO-15	4.5 "Hg	5 psi
02A	VSP-022312-MID CAR	Modified TO-15	4.5 "Hg	5 psi
03A	VSP-022312-MID CAR DUP	Modified TO-15	4.5 "Hg	5 psi
04A	VSP-022312-POST OX	Modified TO-15	4.5 "Hg	5 psi
05A	VSP-022312-INF	Modified TO-15	4.5 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 03/10/12

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1202586

Five 1 Liter Summa Canister samples were received on February 27, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-022312-INF was outside laboratory control limits due to high level hydrocarbon matrix interference. The surrogate recovery is flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-022312-EFF

Lab ID#: 1202586-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2,4-Trimethylbenzene	0.79	1.1	3.9	5.5

Client Sample ID: VSP-022312-MID CAR

Lab ID#: 1202586-02A

No Detections Were Found.

Client Sample ID: VSP-022312-MID CAR DUP

Lab ID#: 1202586-03A

No Detections Were Found.

Client Sample ID: VSP-022312-POST OX

Lab ID#: 1202586-04A

No Detections Were Found.

Client Sample ID: VSP-022312-INF

Lab ID#: 1202586-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	160	1800	500	5700
Toluene	160	3100	600	12000
Ethyl Benzene	160	610	690	2600
m,p-Xylene	160	59000	690	250000
o-Xylene	160	31000	690	130000
Tetrachloroethene	160	1600	1100	11000
1,2,4-Trimethylbenzene	160	34000	780	170000
1,3,5-Trimethylbenzene	160	13000	780	64000
TPH ref. to Gasoline (MW=100)	7900	2800000	32000	11000000

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Client Sample ID: VSP-022312-EFF

Lab ID#: 1202586-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030323**	**Date of Collection:**	**2/23/12 5:05:00 PM**
Dil. Factor:	**1.58**	**Date of Analysis:**	**3/3/12 09:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.79	Not Detected	2.5	Not Detected
Toluene	0.79	Not Detected	3.0	Not Detected
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	Not Detected	3.4	Not Detected
o-Xylene	0.79	Not Detected	3.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.79	1.1	3.9	5.5
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
TPH ref. to Gasoline (MW=100)	40	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VSP-022312-MID CAR

Lab ID#: 1202586-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030509**	**Date of Collection:**	**2/23/12 5:10:00 PM**
Dil. Factor:	**2.08**	**Date of Analysis:**	**3/5/12 01:23 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.0	Not Detected	3.3	Not Detected
Toluene	1.0	Not Detected	3.9	Not Detected
Ethyl Benzene	1.0	Not Detected	4.5	Not Detected
m,p-Xylene	1.0	Not Detected	4.5	Not Detected
o-Xylene	1.0	Not Detected	4.5	Not Detected
Tetrachloroethene	1.0	Not Detected	7.0	Not Detected
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
TPH ref. to Gasoline (MW=100)	52	Not Detected	210	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-022312-MID CAR DUP

Lab ID#: 1202586-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030510**	**Date of Collection:**	**2/23/12 5:10:00 PM**
Dil. Factor:	**2.08**	**Date of Analysis:**	**3/5/12 01:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.0	Not Detected	3.3	Not Detected
Toluene	1.0	Not Detected	3.9	Not Detected
Ethyl Benzene	1.0	Not Detected	4.5	Not Detected
m,p-Xylene	1.0	Not Detected	4.5	Not Detected
o-Xylene	1.0	Not Detected	4.5	Not Detected
Tetrachloroethene	1.0	Not Detected	7.0	Not Detected
Trichloroethene	1.0	Not Detected	5.6	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.1	Not Detected
TPH ref. to Gasoline (MW=100)	52	Not Detected	210	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-022312-POST OX

Lab ID#: 1202586-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030511**	**Date of Collection:**	**2/23/12 5:20:00 PM**
Dil. Factor:	**1.58**	**Date of Analysis:**	**3/5/12 02:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.79	Not Detected	2.5	Not Detected
Toluene	0.79	Not Detected	3.0	Not Detected
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	Not Detected	3.4	Not Detected
o-Xylene	0.79	Not Detected	3.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Trichloroethene	0.79	Not Detected	4.2	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
TPH ref. to Gasoline (MW=100)	40	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-022312-INF

Lab ID#: 1202586-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030514**	**Date of Collection:**	**2/23/12 5:25:00 PM**
Dil. Factor:	**316**	**Date of Analysis:**	**3/5/12 03:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	160	1800	500	5700
Toluene	160	3100	600	12000
Ethyl Benzene	160	610	690	2600
m,p-Xylene	160	59000	690	250000
o-Xylene	160	31000	690	130000
Tetrachloroethene	160	1600	1100	11000
Trichloroethene	160	Not Detected	850	Not Detected
1,2,4-Trimethylbenzene	160	34000	780	170000
1,3,5-Trimethylbenzene	160	13000	780	64000
TPH ref. to Gasoline (MW=100)	7900	2800000	32000	11000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	147 Q	70-130
4-Bromofluorobenzene	120	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1202586-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030307**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/12 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1202586-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030507**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/5/12 12:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: CCV

Lab ID#: 1202586-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/12 09:04 AM**	

Compound	**%Recovery**
Benzene	93
Toluene	90
Ethyl Benzene	94
m,p-Xylene	98
o-Xylene	100
Tetrachloroethene	91
Trichloroethene	93
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1202586-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/5/12 09:55 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	92
Ethyl Benzene	98
m,p-Xylene	100
o-Xylene	102
Tetrachloroethene	95
Trichloroethene	96
1,2,4-Trimethylbenzene	110
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1202586-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/12 09:24 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	94
Ethyl Benzene	100
m,p-Xylene	106
o-Xylene	108
Tetrachloroethene	99
Trichloroethene	103
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCSD

Lab ID#: 1202586-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/3/12 09:41 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	96
Ethyl Benzene	98
m,p-Xylene	104
o-Xylene	107
Tetrachloroethene	97
Trichloroethene	102
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCS

Lab ID#: 1202586-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/5/12 11:02 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	100
Ethyl Benzene	106
m,p-Xylene	112
o-Xylene	114
Tetrachloroethene	105
Trichloroethene	106
1,2,4-Trimethylbenzene	119
1,3,5-Trimethylbenzene	118
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1202586-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p030505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/5/12 11:19 AM**	

Compound	**%Recovery**
Benzene	105
Toluene	100
Ethyl Benzene	106
m,p-Xylene	112
o-Xylene	113
Tetrachloroethene	104
Trichloroethene	106
1,2,4-Trimethylbenzene	123
1,3,5-Trimethylbenzene	120
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	102	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company ARCADIS-US Email MICHAEL.NESKY@ARCADIS-US.COM
Address 14201 N 87TH ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax 480 905-9353

Project Info:
P.O. #
Project # ST010022.0021.00002
Project Name KMEP SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-022312-EFF	2221	2/23/12	17:05	TO15 + TPH	-28	-2		
02A	VSP-022312-MID CAR	2054	↓	17:10	↓	-27.5	-2		
03A	VSP-022312-MID CAR DUP	37403	↓	17:10	↓	-28	-2		
04A	VSP-022312-POST OX	33708	↓	17:20	↓	-28	-2		
05A	VSP-022312-INF	34620	↓	17:25	↓	-26	-2		
	NOT USED / LOW VAC	2205	→	→	→	-10			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	2/24/12 12:10	FEDEX KINKO'S	2/24/12 12:10
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		MV AIR	2/27/12 0830
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FED EX		NA	GOOD	Yes No None	1202000

Form 1293 rev.11

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4/5/2012
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: ST010022.0021.00002
Workorder #: 1203495

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 3/22/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1203495

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0021.00002
DATE RECEIVED:	03/22/2012	**CONTACT:**	KMEP/Silvercroft Kyle Vagadori
DATE COMPLETED:	04/05/2012		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-032012-EFF	Modified TO-15	3.6 "Hg	5 psi
02A	VSP-032012-EFF DUP	Modified TO-15	3.0 "Hg	5 psi
03A	VSP-032012-MID CRB	Modified TO-15	3.4 "Hg	5 psi
04A	VSP-032012-POST OX	Modified TO-15	3.0 "Hg	5 psi
05A	VSP-032012-INF	Modified TO-15	3.0 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 04/05/12

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1203495

Five 1 Liter Summa Canister samples were received on March 22, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-032012-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-032012-EFF

Lab ID#: 1203495-01A

No Detections Were Found.

Client Sample ID: VSP-032012-EFF DUP

Lab ID#: 1203495-02A

No Detections Were Found.

Client Sample ID: VSP-032012-MID CRB

Lab ID#: 1203495-03A

No Detections Were Found.

Client Sample ID: VSP-032012-POST OX

Lab ID#: 1203495-04A

No Detections Were Found.

Client Sample ID: VSP-032012-INF

Lab ID#: 1203495-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	370	2500	1200	8000
Toluene	370	5200	1400	20000
Ethyl Benzene	370	770	1600	3300
m,p-Xylene	370	69000	1600	300000
o-Xylene	370	34000	1600	150000
1,2,4-Trimethylbenzene	370	36000	1800	180000
1,3,5-Trimethylbenzene	370	13000	1800	66000
TPH ref. to Gasoline (MW=100)	19000	2600000	76000	11000000

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Client Sample ID: VSP-032012-EFF

Lab ID#: 1203495-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032415**	**Date of Collection:**	**3/20/12 3:15:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**3/24/12 03:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	Not Detected	160	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VSP-032012-EFF DUP

Lab ID#: 1203495-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032416**	**Date of Collection:**	**3/20/12 3:15:00 PM**
Dil. Factor:	**1.49**	**Date of Analysis:**	**3/24/12 04:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	37	Not Detected	150	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: VSP-032012-MID CRB

Lab ID#: 1203495-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032417**	**Date of Collection:**	**3/20/12 3:22:00 PM**
Dil. Factor:	**1.51**	**Date of Analysis:**	**3/24/12 04:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.8	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.1	Not Detected
Trichloroethene	0.76	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	Not Detected	150	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: VSP-032012-POST OX

Lab ID#: 1203495-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032418**	**Date of Collection:**	**3/20/12 3:27:00 PM**
Dil. Factor:	**1.49**	**Date of Analysis:**	**3/24/12 05:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	37	Not Detected	150	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: VSP-032012-INF

Lab ID#: 1203495-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032419**	**Date of Collection:**	**3/20/12 3:33:00 PM**
Dil. Factor:	**745**	**Date of Analysis:**	**3/24/12 05:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	370	2500	1200	8000
Toluene	370	5200	1400	20000
Ethyl Benzene	370	770	1600	3300
m,p-Xylene	370	69000	1600	300000
o-Xylene	370	34000	1600	150000
Tetrachloroethene	370	Not Detected	2500	Not Detected
Trichloroethene	370	Not Detected	2000	Not Detected
1,2,4-Trimethylbenzene	370	36000	1800	180000
1,3,5-Trimethylbenzene	370	13000	1800	66000
TPH ref. to Gasoline (MW=100)	19000	2600000	76000	11000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1203495-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032408**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/12 11:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV

Lab ID#: 1203495-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/12 08:26 AM**	

Compound	**%Recovery**
Benzene	121
Toluene	118
Ethyl Benzene	116
m,p-Xylene	114
o-Xylene	114
Tetrachloroethene	120
Trichloroethene	121
1,2,4-Trimethylbenzene	112
1,3,5-Trimethylbenzene	110
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS

Lab ID#: 1203495-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/12 09:49 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	97
Ethyl Benzene	98
m,p-Xylene	96
o-Xylene	96
Tetrachloroethene	102
Trichloroethene	100
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCSD

Lab ID#: 1203495-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3032406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/12 10:17 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	97
Ethyl Benzene	95
m,p-Xylene	97
o-Xylene	97
Tetrachloroethene	99
Trichloroethene	100
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	103	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael.Nesky@arcadis-us.com
Collected by: (Print and Sign) M. Tami / M. Tami
Company: Arcadis Email:
Address: 14201 N. 87th St #135 City: Scottsdale State: AZ Zip: 85224
Phone: 480-905-9311 Fax: 480-905-9355

Project Info:
P.O. #:
Project #: ST010022.0021.00002
Project Name: KMEP/Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-032012-EFF	37317	3/20/12	1515	TO15 (+TPH)	-28.5	-1		
02A	" - " - EFF DUP	35618	↓	1515	↓	-28.5	-1		
03A	" - " - MID CRB	35604	↓	1522	↓	-28.5	-1		
04A	" - " - POST OX	34090	↓	1527	↓	-28	-1		
05A	" - " - INF	31790	↓	1533	↓	-29	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tami	3/21/12 1420	FedEx Office	3/21/12 1420
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		B. Whittaker AIL	3/22/12 0850
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes: cans from ADEQ/North plume (F&B)
NOT USED: # 20748
Totalizer: 387572 | # 37311, 37375

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No None	1203495

Form 1293 rev.11

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5/7/2012
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #: ST010022.0021.00002
Workorder #: 1204514

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 4/24/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1204514

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0021.00002
DATE RECEIVED:	04/24/2012	**CONTACT:**	KMEP/SILVERCROFT Kyle Vagadori
DATE COMPLETED:	05/07/2012		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-042012-EFF	Modified TO-15	3.4 "Hg	5 psi
02A	VSP-042012-MID CAR	Modified TO-15	3.6 "Hg	5 psi
03A	VSP-042012-MID CAR DUP	Modified TO-15	3.5 "Hg	5 psi
04A	VSP-042012-POST OX	Modified TO-15	3.6 "Hg	5 psi
05A	VSP-042012-INF	Modified TO-15	2.8 "Hg	5 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda D. Freeman

DATE: 05/07/12

Laboratory Director

Certfication numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1204514

Five 1 Liter Summa Canister samples were received on April 24, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-042012-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-042012-EFF

Lab ID#: 1204514-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2,4-Trimethylbenzene	0.76	0.75 J	3.7	3.7 J
TPH ref. to Gasoline (MW=100)	38	140	150	580

Client Sample ID: VSP-042012-MID CAR

Lab ID#: 1204514-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	0.76	1.7	2.9	6.5
m,p-Xylene	0.76	4.3	3.3	19
o-Xylene	0.76	2.6	3.3	11
1,2,4-Trimethylbenzene	0.76	3.8	3.7	18
1,3,5-Trimethylbenzene	0.76	1.6	3.7	7.9
TPH ref. to Gasoline (MW=100)	38	330	160	1300

Client Sample ID: VSP-042012-MID CAR DUP

Lab ID#: 1204514-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.76	9.3	5.2	63
1,2,4-Trimethylbenzene	0.76	2.0	3.7	10
TPH ref. to Gasoline (MW=100)	38	270	160	1100

Client Sample ID: VSP-042012-POST OX

Lab ID#: 1204514-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	1.2	2.4	4.0
Toluene	0.76	0.80	2.9	3.0
TPH ref. to Gasoline (MW=100)	38	200	160	810

Client Sample ID: VSP-042012-INF

Lab ID#: 1204514-05A

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-042012-INF

Lab ID#: 1204514-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	92	1200	300	4000
Toluene	92	2900	350	11000
Ethyl Benzene	92	350	400	1500
m,p-Xylene	92	35000	400	150000
o-Xylene	92	19000	400	81000
Tetrachloroethene	92	140	630	940
1,2,4-Trimethylbenzene	92	15000	450	74000
1,3,5-Trimethylbenzene	92	6900	450	34000
TPH ref. to Gasoline (MW=100)	4600	2500000	19000	10000000

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Client Sample ID: VSP-042012-EFF

Lab ID#: 1204514-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042624**	**Date of Collection:**	**4/20/12 5:10:00 PM**
Dil. Factor:	**1.51**	**Date of Analysis:**	**4/26/12 10:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.8	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.1	Not Detected
Trichloroethene	0.76	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.76	0.75 J	3.7	3.7 J
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	140	150	580

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	119	70-130

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Client Sample ID: VSP-042012-MID CAR

Lab ID#: 1204514-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042625**	**Date of Collection:**	**4/20/12 5:15:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/26/12 11:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	1.7	2.9	6.5
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	4.3	3.3	19
o-Xylene	0.76	2.6	3.3	11
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	3.8	3.7	18
1,3,5-Trimethylbenzene	0.76	1.6	3.7	7.9
TPH ref. to Gasoline (MW=100)	38	330	160	1300

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	110	70-130

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Client Sample ID: VSP-042012-MID CAR DUP

Lab ID#: 1204514-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042626**	**Date of Collection:**	**4/20/12 5:15:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/26/12 11:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	Not Detected	2.4	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	9.3	5.2	63
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	2.0	3.7	10
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	270	160	1100

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	79	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VSP-042012-POST OX

Lab ID#: 1204514-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042627**	**Date of Collection:**	**4/20/12 5:25:00 PM**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/27/12 12:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.76	1.2	2.4	4.0
Toluene	0.76	0.80	2.9	3.0
Ethyl Benzene	0.76	Not Detected	3.3	Not Detected
m,p-Xylene	0.76	Not Detected	3.3	Not Detected
o-Xylene	0.76	Not Detected	3.3	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected
Trichloroethene	0.76	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	38	200	160	810

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VSP-042012-INF

Lab ID#: 1204514-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042628**	**Date of Collection:**	**4/20/12 5:30:00 PM**
Dil. Factor:	**185**	**Date of Analysis:**	**4/27/12 01:05 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	92	1200	300	4000
Toluene	92	2900	350	11000
Ethyl Benzene	92	350	400	1500
m,p-Xylene	92	35000	400	150000
o-Xylene	92	19000	400	81000
Tetrachloroethene	92	140	630	940
Trichloroethene	92	Not Detected	500	Not Detected
1,2,4-Trimethylbenzene	92	15000	450	74000
1,3,5-Trimethylbenzene	92	6900	450	34000
TPH ref. to Gasoline (MW=100)	4600	2500000	19000	10000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	112	70-130
1,2-Dichloroethane-d4	83	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1204514-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/12 11:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: CCV

Lab ID#: 1204514-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/12 09:07 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	89
Ethyl Benzene	90
m,p-Xylene	89
o-Xylene	89
Tetrachloroethene	86
Trichloroethene	86
1,2,4-Trimethylbenzene	88
1,3,5-Trimethylbenzene	90
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1204514-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/12 09:44 AM**	

Compound	**%Recovery**
Benzene	96
Toluene	86
Ethyl Benzene	100
m,p-Xylene	101
o-Xylene	100
Tetrachloroethene	95
Trichloroethene	99
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	83	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1204514-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**o042604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/12 10:21 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	100
Ethyl Benzene	99
m,p-Xylene	99
o-Xylene	97
Tetrachloroethene	92
Trichloroethene	95
1,2,4-Trimethylbenzene	92
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	82	70-130
4-Bromofluorobenzene	101	70-130

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0021.00002
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-042012-EFF	9322	4/20/12	17:10	TO15 + TPH	-28	-2		
02A	VSP-042012-MID CAR	34608	↓	17:15	↓	-28	-2		
03A	VSP-042012-MID CAR DUP	14520		17:15		-28	-2		
04A	VSP-042012-POST OX	9443		17:25		-28	-2		
05A	VSP-042012-INF	34658	↓	17:30	↓	-26	-1		
					TOTALIZER = 22401				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	4/23/12 15:25	FEDEX	4/23/12 15:25
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		B Whitcher ATL	4/24/12 0850
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No None	1204514

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12/11/2012
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: STO10022.0022.00002
Workorder #: 1211472

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1211472

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO10022.0022.00002
DATE RECEIVED:	11/26/2012	**CONTACT:**	KMEP/Silvercroft Kyle Vagadori
DATE COMPLETED:	12/11/2012		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-112112-EFF	Modified TO-15	3.5 "Hg	15 psi
02A	VSP-112112-MID CARB	Modified TO-15	3.5 "Hg	15 psi
03A	VSP-112112-POST OX	Modified TO-15	3.5 "Hg	15 psi
04A	VSP-112112-INF	Modified TO-15	3.5 "Hg	15 psi
05A	VSP-112112-INF DUP	Modified TO-15	3.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 12/11/12

Certfication numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1211472

Five 1 Liter Summa Canister samples were received on November 26, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-112112-INF and VSP-112112-INF DUP due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-112112-EFF

Lab ID#: 1211472-01A

No Detections Were Found.

Client Sample ID: VSP-112112-MID CARB

Lab ID#: 1211472-02A

No Detections Were Found.

Client Sample ID: VSP-112112-POST OX

Lab ID#: 1211472-03A

No Detections Were Found.

Client Sample ID: VSP-112112-INF

Lab ID#: 1211472-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	12000	980	37000
Toluene	300	18000	1200	67000
Ethyl Benzene	300	670	1300	2900
m,p-Xylene	300	35000	1300	150000
o-Xylene	300	20000	1300	86000
1,2,4-Trimethylbenzene	300	15000	1500	75000
1,3,5-Trimethylbenzene	300	8300	1500	41000
TPH ref. to Gasoline (MW=100)	15000	3500000	62000	14000000

Client Sample ID: VSP-112112-INF DUP

Lab ID#: 1211472-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	230	11000	730	34000
Toluene	230	17000	860	63000
Ethyl Benzene	230	630	990	2700
m,p-Xylene	230	34000	990	140000
o-Xylene	230	20000	990	85000
1,2,4-Trimethylbenzene	230	14000	1100	72000
1,3,5-Trimethylbenzene	230	8000	1100	39000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-112112-INF DUP

Lab ID#: 1211472-05A

TPH ref. to Gasoline (MW=100)	11000	3700000	47000	15000000

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Client Sample ID: VSP-112112-EFF

Lab ID#: 1211472-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112716**	**Date of Collection:**	**11/21/12 12:30:00 P**
Dil. Factor:	**2.29**	**Date of Analysis:**	**11/27/12 06:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VSP-112112-MID CARB

Lab ID#: 1211472-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112717**	**Date of Collection:**	**11/21/12 12:36:00 P**
Dil. Factor:	**2.29**	**Date of Analysis:**	**11/27/12 07:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-112112-POST OX

Lab ID#: 1211472-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112718**	**Date of Collection:**	**11/21/12 12:44:00 P**
Dil. Factor:	**2.29**	**Date of Analysis:**	**11/27/12 08:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VSP-112112-INF

Lab ID#: 1211472-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112719**	**Date of Collection:**	**11/21/12 12:52:00 P**
Dil. Factor:	**611**	**Date of Analysis:**	**11/27/12 08:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	12000	980	37000
Toluene	300	18000	1200	67000
Ethyl Benzene	300	670	1300	2900
m,p-Xylene	300	35000	1300	150000
o-Xylene	300	20000	1300	86000
Tetrachloroethene	300	Not Detected	2100	Not Detected
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	15000	1500	75000
1,3,5-Trimethylbenzene	300	8300	1500	41000
TPH ref. to Gasoline (MW=100)	15000	3500000	62000	14000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VSP-112112-INF DUP

Lab ID#: 1211472-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112720**	**Date of Collection:**	**11/21/12 12:52:00 P**
Dil. Factor:	**458**	**Date of Analysis:**	**11/27/12 09:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	230	11000	730	34000
Toluene	230	17000	860	63000
Ethyl Benzene	230	630	990	2700
m,p-Xylene	230	34000	990	140000
o-Xylene	230	20000	990	85000
Tetrachloroethene	230	Not Detected	1600	Not Detected
Trichloroethene	230	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	230	14000	1100	72000
1,3,5-Trimethylbenzene	230	8000	1100	39000
TPH ref. to Gasoline (MW=100)	11000	3700000	47000	15000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1211472-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/27/12 12:45 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1211472-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/27/12 09:33 AM**	

Compound	**%Recovery**
Benzene	84
Toluene	93
Ethyl Benzene	95
m,p-Xylene	98
o-Xylene	98
Tetrachloroethene	83
Trichloroethene	79
1,2,4-Trimethylbenzene	95
1,3,5-Trimethylbenzene	90
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCS

Lab ID#: 1211472-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/27/12 10:38 AM**	

Compound	**%Recovery**
Benzene	77
Toluene	83
Ethyl Benzene	87
m,p-Xylene	90
o-Xylene	90
Tetrachloroethene	74
Trichloroethene	73
1,2,4-Trimethylbenzene	85
1,3,5-Trimethylbenzene	83
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCSD

Lab ID#: 1211472-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p112705**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/27/12 11:18 AM**	

Compound	**%Recovery**
Benzene	77
Toluene	83
Ethyl Benzene	87
m,p-Xylene	90
o-Xylene	90
Tetrachloroethene	74
Trichloroethene	73
1,2,4-Trimethylbenzene	85
1,3,5-Trimethylbenzene	83
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	103	70-130

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) TANI / M. Tani
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0022.00002
Project Name: KMEP/SILVERCRAFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-112112-EFF	22967	11/21/12	12:30	TO15 + TPH	-28.5	-1.0		
02A	VSP-112112-MID CARB	35548	↓	12:36	↓	-28.5	-1.0		
03A	VSP-112112-POST OX	12385		12:44		-29	-1.0		
04A	VSP-112112-INF	36485		12:52		-29	-1.0		
05A	VSP-112112-INF DUP	12372		12:52		-28.5	-1.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	11/22/12 1425	SHIPNMAIL EXPRESS (FED EX)	11/22/12 1425
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		B. Whitehead ATL	11/26/12 0945
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No None	1211472

Form 1293 rev.11

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1/8/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: ST010022.0023.00000
Workorder #: 1212387

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 12/18/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1212387

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0023.00000
DATE RECEIVED:	12/18/2012	**CONTACT:**	KMEP/Silvercroft Kyle Vagadori
DATE COMPLETED:	01/08/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-121412-EFF	Modified TO-15	2.0 "Hg	15 psi
02A	VSP-121412-MID CARB	Modified TO-15	3.0 "Hg	15 psi
03A	VSP-121412-POST OX	Modified TO-15	3.0 "Hg	15 psi
04A	VSP-121412-INF	Modified TO-15	3.5 "Hg	15 psi
05A	VSP-121412-INF DUP	Modified TO-15	2.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
06C	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
07C	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA
08C	LCS	Modified TO-15	NA	NA
08CC	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 01/08/13

Certfication numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1212387

Five 1 Liter Summa Canister samples were received on December 18, 2012. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-121412-INF and VSP-121412-INF DUP due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-121412-EFF

Lab ID#: 1212387-01A

No Detections Were Found.

Client Sample ID: VSP-121412-MID CARB

Lab ID#: 1212387-02A

No Detections Were Found.

Client Sample ID: VSP-121412-POST OX

Lab ID#: 1212387-03A

No Detections Were Found.

Client Sample ID: VSP-121412-INF

Lab ID#: 1212387-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	110	5300	360	17000
Toluene	110	13000	430	48000
Ethyl Benzene	110	640	500	2800
m,p-Xylene	110	46000	500	200000
o-Xylene	110	28000	500	120000
Tetrachloroethene	110	120	780	830
1,2,4-Trimethylbenzene	110	28000	560	140000
1,3,5-Trimethylbenzene	110	11000	560	56000
TPH ref. to Gasoline (MW=100)	2300	4000000	9400	16000000

Client Sample ID: VSP-121412-INF DUP

Lab ID#: 1212387-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	92	5000	290	16000
Toluene	92	12000	340	46000
Ethyl Benzene	92	600	400	2600
m,p-Xylene	92	44000	400	190000
o-Xylene	92	27000	400	120000
Tetrachloroethene	92	130	620	910

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-121412-INF DUP

Lab ID#: 1212387-05A

1,2,4-Trimethylbenzene	92	27000	450	130000
1,3,5-Trimethylbenzene	92	11000	450	54000
TPH ref. to Gasoline (MW=100)	1800	3600000	7500	15000000

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Client Sample ID: VSP-121412-EFF

Lab ID#: 1212387-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122808**	**Date of Collection:**	**12/14/12 10:29:00 A**
Dil. Factor:	**2.16**	**Date of Analysis:**	**12/28/12 02:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.4	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	Not Detected	4.7	Not Detected
o-Xylene	1.1	Not Detected	4.7	Not Detected
Tetrachloroethene	1.1	Not Detected	7.3	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	54	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VSP-121412-MID CARB

Lab ID#: 1212387-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122923**	**Date of Collection:**	**12/14/12**
Dil. Factor:	**4.48**	**Date of Analysis:**	**12/30/12 09:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	2.2	Not Detected	7.2	Not Detected
Toluene	2.2	Not Detected	8.4	Not Detected
Ethyl Benzene	2.2	Not Detected	9.7	Not Detected
m,p-Xylene	2.2	Not Detected	9.7	Not Detected
o-Xylene	2.2	Not Detected	9.7	Not Detected
Tetrachloroethene	2.2	Not Detected	15	Not Detected
Trichloroethene	2.2	Not Detected	12	Not Detected
1,2,4-Trimethylbenzene	2.2	Not Detected	11	Not Detected
1,3,5-Trimethylbenzene	2.2	Not Detected	11	Not Detected
TPH ref. to Gasoline (MW=100)	110	Not Detected	460	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	74	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	116	70-130

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Client Sample ID: VSP-121412-POST OX

Lab ID#: 1212387-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122924**	**Date of Collection:**	**12/14/12 10:43:00 A**
Dil. Factor:	**4.48**	**Date of Analysis:**	**12/30/12 10:19 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	2.2	Not Detected	7.2	Not Detected
Toluene	2.2	Not Detected	8.4	Not Detected
Ethyl Benzene	2.2	Not Detected	9.7	Not Detected
m,p-Xylene	2.2	Not Detected	9.7	Not Detected
o-Xylene	2.2	Not Detected	9.7	Not Detected
Tetrachloroethene	2.2	Not Detected	15	Not Detected
Trichloroethene	2.2	Not Detected	12	Not Detected
1,2,4-Trimethylbenzene	2.2	Not Detected	11	Not Detected
1,3,5-Trimethylbenzene	2.2	Not Detected	11	Not Detected
TPH ref. to Gasoline (MW=100)	110	Not Detected	460	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	73	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	113	70-130

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Client Sample ID: VSP-121412-INF

Lab ID#: 1212387-04A

EPA METHOD TO-15 GC/MS

File Name:	**14010307**	**Date of Collection:**	**12/14/12 10:50:00 A**
Dil. Factor:	**22.9**	**Date of Analysis:**	**1/3/13 11:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	110	5300	360	17000
Toluene	110	13000	430	48000
Ethyl Benzene	110	640	500	2800
m,p-Xylene	110	46000	500	200000
o-Xylene	110	28000	500	120000
Tetrachloroethene	110	120	780	830
Trichloroethene	110	Not Detected	620	Not Detected
1,2,4-Trimethylbenzene	110	28000	560	140000
1,3,5-Trimethylbenzene	110	11000	560	56000
TPH ref. to Gasoline (MW=100)	2300	4000000	9400	16000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VSP-121412-INF DUP

Lab ID#: 1212387-05A

EPA METHOD TO-15 GC/MS

File Name:	**14010308**	**Date of Collection:**	**12/14/12 10:50:00 A**
Dil. Factor:	**18.3**	**Date of Analysis:**	**1/3/13 11:54 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	92	5000	290	16000
Toluene	92	12000	340	46000
Ethyl Benzene	92	600	400	2600
m,p-Xylene	92	44000	400	190000
o-Xylene	92	27000	400	120000
Tetrachloroethene	92	130	620	910
Trichloroethene	92	Not Detected	490	Not Detected
1,2,4-Trimethylbenzene	92	27000	450	130000
1,3,5-Trimethylbenzene	92	11000	450	54000
TPH ref. to Gasoline (MW=100)	1800	3600000	7500	15000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1212387-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/12 01:37 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1212387-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122911**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/29/12 04:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	73	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	117	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1212387-06C

EPA METHOD TO-15 GC/MS

File Name:	**14010306**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/13 10:59 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1212387-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/12 09:13 AM**	

Compound	**%Recovery**
Benzene	96
Toluene	96
Ethyl Benzene	105
m,p-Xylene	110
o-Xylene	109
Tetrachloroethene	101
Trichloroethene	95
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV

Lab ID#: 1212387-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122906**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/29/12 01:43 PM**	

Compound	**%Recovery**
Benzene	76
Toluene	76
Ethyl Benzene	97
m,p-Xylene	102
o-Xylene	102
Tetrachloroethene	94
Trichloroethene	73
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	106
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	76	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	119	70-130

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Client Sample ID: CCV

Lab ID#: 1212387-07C

EPA METHOD TO-15 GC/MS

File Name:	**14010302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/13 08:43 AM**	

Compound	**%Recovery**
Benzene	83
Toluene	85
Ethyl Benzene	87
m,p-Xylene	86
o-Xylene	90
Tetrachloroethene	88
Trichloroethene	87
1,2,4-Trimethylbenzene	90
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCS

Lab ID#: 1212387-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/12 10:25 AM**	

Compound	**%Recovery**
Benzene	92
Toluene	92
Ethyl Benzene	100
m,p-Xylene	106
o-Xylene	105
Tetrachloroethene	95
Trichloroethene	92
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 1212387-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/28/12 10:54 AM**	

Compound	**%Recovery**
Benzene	96
Toluene	94
Ethyl Benzene	102
m,p-Xylene	108
o-Xylene	107
Tetrachloroethene	96
Trichloroethene	93
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCS

Lab ID#: 1212387-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122908**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/29/12 02:59 PM**	

Compound	**%Recovery**
Benzene	75
Toluene	74
Ethyl Benzene	95
m,p-Xylene	101
o-Xylene	100
Tetrachloroethene	90
Trichloroethene	72
1,2,4-Trimethylbenzene	101
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	75	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	118	70-130

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Client Sample ID: LCSD

Lab ID#: 1212387-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p122909**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/29/12 03:33 PM**	

Compound	**%Recovery**
Benzene	75
Toluene	74
Ethyl Benzene	94
m,p-Xylene	100
o-Xylene	100
Tetrachloroethene	89
Trichloroethene	71
1,2,4-Trimethylbenzene	101
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	75	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	117	70-130

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Client Sample ID: LCS

Lab ID#: 1212387-08C

EPA METHOD TO-15 GC/MS

File Name:	**14010303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/13 09:16 AM**	

Compound	**%Recovery**
Benzene	77
Toluene	79
Ethyl Benzene	82
m,p-Xylene	82
o-Xylene	82
Tetrachloroethene	82
Trichloroethene	81
1,2,4-Trimethylbenzene	86
1,3,5-Trimethylbenzene	88
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 1212387-08CC

EPA METHOD TO-15 GC/MS

File Name:	**14010304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/3/13 09:45 AM**	

Compound	**%Recovery**
Benzene	76
Toluene	78
Ethyl Benzene	80
m,p-Xylene	79
o-Xylene	80
Tetrachloroethene	81
Trichloroethene	80
1,2,4-Trimethylbenzene	83
1,3,5-Trimethylbenzene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer MH
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0023.00000
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-121412-EFF	9363	12/14/12	10:29	TO 15 + TPH	-28	0		
02A	VSP-121412-MID CARB	94902	↓		↓	-28	-1		
03A	VSP-121412-POST OX	9475		10:43		-27	-1		
04A	VSP-121412-INF	9474		10:50		-28	-1		
05A	VSP-121412-INF DUP	9441	↓	10:50	↓	-28	0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/17/12 14:25	FedEx Kinko's	12/17/12 14:25
		[signature]	12/18/12 1100

Notes: GAUGE STICKING.

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		N/A	Good	Yes No None	1212387

Form 1293 rev.11

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1/28/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: ST010022.0023
Workorder #: 1301163

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 1/10/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1301163

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0023 KMEP/Silvercroft
DATE RECEIVED:	01/10/2013	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	01/27/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-010813-EFF	Modified TO-15	3.5 "Hg	15 psi
02A	VSP-010813-MID CRB	Modified TO-15	3.0 "Hg	15 psi
03A	VSP-010813-POST OX	Modified TO-15	2.5 "Hg	15 psi
04A	VSP-010813-INF	Modified TO-15	3.0 "Hg	15 psi
05A	VSP-010813-INF DUP	Modified TO-15	3.5 "Hg	15 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 01/28/13

Certfication numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1301163

Five 1 Liter Summa Canister samples were received on January 10, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

The date of sample collection noted on the Chain of Custody appeared to be inaccurate by a factor of one year. The sample collection year was assumed to be 2013.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

The recovery of surrogate 1,2-Dichloroethane-d4 in samples VSP-010813-INF and VSP-010813-INF DUP was outside laboratory control limits due to high level hydrocarbon matrix interference. The surrogate recovery is flagged.

Dilution was performed on samples VSP-010813-INF and VSP-010813-INF DUP due to the presence of high level target species.

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-010813-EFF

Lab ID#: 1301163-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	9.8	5.7	48
Freon 114	1.1	1.2	8.0	8.4
Ethanol	4.6	21	8.6	40

Client Sample ID: VSP-010813-MID CRB

Lab ID#: 1301163-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	12	5.5	58
Ethanol	4.5	9.4	8.4	18

Client Sample ID: VSP-010813-POST OX

Lab ID#: 1301163-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	7.3	5.4	36
Ethanol	4.4	8.5	8.3	16
Toluene	1.1	5.5	4.1	21
m,p-Xylene	1.1	7.9	4.8	34
o-Xylene	1.1	2.2	4.8	9.5
4-Ethyltoluene	1.1	1.9	5.4	9.5
1,3,5-Trimethylbenzene	1.1	1.6	5.4	7.7
1,2,4-Trimethylbenzene	1.1	3.0	5.4	14
TPH ref. to Gasoline (MW=100)	55	60	220	240

Client Sample ID: VSP-010813-INF

Lab ID#: 1301163-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methyl tert-butyl ether	110	16000	400	58000
Hexane	110	69000	390	240000
Cyclohexane	110	35000	380	120000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-010813-INF

Lab ID#: 1301163-04A

2,2,4-Trimethylpentane	110	150000 E	520	700000 E
Benzene	110	3200	360	10000
Heptane	110	30000	460	120000
Toluene	110	6300	420	24000
Ethyl Benzene	110	340	490	1500
m,p-Xylene	110	59000	490	260000
o-Xylene	110	35000	490	150000
Cumene	110	220	550	1100
Propylbenzene	110	290	550	1400
4-Ethyltoluene	110	32000	550	160000
1,3,5-Trimethylbenzene	110	13000	550	66000
1,2,4-Trimethylbenzene	110	34000	550	160000
TPH ref. to Gasoline (MW=100)	2200	2400000	9200	9700000

Client Sample ID: VSP-010813-INF DUP

Lab ID#: 1301163-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methyl tert-butyl ether	110	16000	410	58000
Hexane	110	68000	400	240000
Cyclohexane	110	34000	390	120000
2,2,4-Trimethylpentane	110	150000 E	530	690000 E
Benzene	110	3000	360	9800
Heptane	110	29000	470	120000
Toluene	110	6200	430	23000
Ethyl Benzene	110	340	500	1500
m,p-Xylene	110	60000	500	260000
o-Xylene	110	36000	500	160000
Cumene	110	230	560	1100
Propylbenzene	110	290	560	1400
4-Ethyltoluene	110	34000	560	170000
1,3,5-Trimethylbenzene	110	14000	560	70000
1,2,4-Trimethylbenzene	110	36000	560	180000
TPH ref. to Gasoline (MW=100)	2300	2400000	9400	9600000

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Client Sample ID: VSP-010813-EFF

Lab ID#: 1301163-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011608**	**Date of Collection:**	**1/8/13 3:38:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**1/16/13 02:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	9.8	5.7	48
Freon 114	1.1	1.2	8.0	8.4
Chloromethane	11	Not Detected	24	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	11	Not Detected	44	Not Detected
Chloroethane	4.6	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.4	Not Detected
Ethanol	4.6	21	8.6	40
Freon 113	1.1	Not Detected	8.8	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Acetone	11	Not Detected	27	Not Detected
2-Propanol	4.6	Not Detected	11	Not Detected
Carbon Disulfide	4.6	Not Detected	14	Not Detected
3-Chloropropene	4.6	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	40	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.1	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Hexane	1.1	Not Detected	4.0	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.6	Not Detected	14	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.4	Not Detected
Chloroform	1.1	Not Detected	5.6	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Cyclohexane	1.1	Not Detected	3.9	Not Detected
Carbon Tetrachloride	1.1	Not Detected	7.2	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.3	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
Heptane	1.1	Not Detected	4.7	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.3	Not Detected
1,4-Dioxane	4.6	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.7	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.2	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.7	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.2	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
2-Hexanone	4.6	Not Detected	19	Not Detected

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Client Sample ID: VSP-010813-EFF

Lab ID#: 1301163-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011608**	**Date of Collection:**	**1/8/13 3:38:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**1/16/13 02:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.8	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Chlorobenzene	1.1	Not Detected	5.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Styrene	1.1	Not Detected	4.9	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.6	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.9	Not Detected
Propylbenzene	1.1	Not Detected	5.6	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.9	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
1,2,4-Trichlorobenzene	4.6	Not Detected	34	Not Detected
Hexachlorobutadiene	4.6	Not Detected	49	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VSP-010813-MID CRB

Lab ID#: 1301163-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011610**	**Date of Collection:**	**1/8/13 3:47:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**1/16/13 03:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	12	5.5	58
Freon 114	1.1	Not Detected	7.8	Not Detected
Chloromethane	11	Not Detected	23	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	11	Not Detected	43	Not Detected
Chloroethane	4.5	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.3	Not Detected
Ethanol	4.5	9.4	8.4	18
Freon 113	1.1	Not Detected	8.6	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Acetone	11	Not Detected	27	Not Detected
2-Propanol	4.5	Not Detected	11	Not Detected
Carbon Disulfide	4.5	Not Detected	14	Not Detected
3-Chloropropene	4.5	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	39	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Hexane	1.1	Not Detected	3.9	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.5	Not Detected	13	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.3	Not Detected
Chloroform	1.1	Not Detected	5.5	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	7.0	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.2	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.5	Not Detected
Heptane	1.1	Not Detected	4.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.2	Not Detected
1,4-Dioxane	4.5	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.5	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
2-Hexanone	4.5	Not Detected	18	Not Detected

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Client Sample ID: VSP-010813-MID CRB

Lab ID#: 1301163-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011610**	**Date of Collection:**	**1/8/13 3:47:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**1/16/13 03:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.5	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.6	Not Detected
Chlorobenzene	1.1	Not Detected	5.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Styrene	1.1	Not Detected	4.8	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.5	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.7	Not Detected
Propylbenzene	1.1	Not Detected	5.5	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.8	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,2,4-Trichlorobenzene	4.5	Not Detected	33	Not Detected
Hexachlorobutadiene	4.5	Not Detected	48	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-010813-POST OX

Lab ID#: 1301163-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011611**	**Date of Collection:**	**1/8/13 3:56:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**1/16/13 04:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	7.3	5.4	36
Freon 114	1.1	Not Detected	7.7	Not Detected
Chloromethane	11	Not Detected	23	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	11	Not Detected	43	Not Detected
Chloroethane	4.4	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.2	Not Detected
Ethanol	4.4	8.5	8.3	16
Freon 113	1.1	Not Detected	8.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Acetone	11	Not Detected	26	Not Detected
2-Propanol	4.4	Not Detected	11	Not Detected
Carbon Disulfide	4.4	Not Detected	14	Not Detected
3-Chloropropene	4.4	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	38	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Hexane	1.1	Not Detected	3.9	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.4	Not Detected	13	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	Not Detected	5.4	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.9	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.1	Not Detected
Benzene	1.1	Not Detected	3.5	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	Not Detected	4.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.1	Not Detected
1,4-Dioxane	4.4	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.4	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.5	Not Detected
Toluene	1.1	5.5	4.1	21
trans-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
2-Hexanone	4.4	Not Detected	18	Not Detected

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Client Sample ID: VSP-010813-POST OX

Lab ID#: 1301163-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011611**	**Date of Collection:**	**1/8/13 3:56:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**1/16/13 04:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.4	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Chlorobenzene	1.1	Not Detected	5.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	7.9	4.8	34
o-Xylene	1.1	2.2	4.8	9.5
Styrene	1.1	Not Detected	4.7	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.4	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.6	Not Detected
Propylbenzene	1.1	Not Detected	5.4	Not Detected
4-Ethyltoluene	1.1	1.9	5.4	9.5
1,3,5-Trimethylbenzene	1.1	1.6	5.4	7.7
1,2,4-Trimethylbenzene	1.1	3.0	5.4	14
1,3-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.7	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,2,4-Trichlorobenzene	4.4	Not Detected	33	Not Detected
Hexachlorobutadiene	4.4	Not Detected	47	Not Detected
TPH ref. to Gasoline (MW=100)	55	60	220	240

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: VSP-010813-INF

Lab ID#: 1301163-04A

EPA METHOD TO-15 GC/MS

File Name:	**14012244**	**Date of Collection:**	**1/8/13 4:05:00 PM**
Dil. Factor:	**22.4**	**Date of Analysis:**	**1/23/13 11:38 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	110	Not Detected	550	Not Detected
Freon 114	110	Not Detected	780	Not Detected
Chloromethane	450	Not Detected	920	Not Detected
Vinyl Chloride	110	Not Detected	290	Not Detected
1,3-Butadiene	110	Not Detected	250	Not Detected
Bromomethane	110	Not Detected	430	Not Detected
Chloroethane	450	Not Detected	1200	Not Detected
Freon 11	110	Not Detected	630	Not Detected
Ethanol	450	Not Detected	840	Not Detected
Freon 113	110	Not Detected	860	Not Detected
1,1-Dichloroethene	110	Not Detected	440	Not Detected
Acetone	450	Not Detected	1100	Not Detected
2-Propanol	450	Not Detected	1100	Not Detected
Carbon Disulfide	110	Not Detected	350	Not Detected
3-Chloropropene	450	Not Detected	1400	Not Detected
Methylene Chloride	110	Not Detected	390	Not Detected
Methyl tert-butyl ether	110	16000	400	58000
trans-1,2-Dichloroethene	110	Not Detected	440	Not Detected
Hexane	110	69000	390	240000
1,1-Dichloroethane	110	Not Detected	450	Not Detected
2-Butanone (Methyl Ethyl Ketone)	450	Not Detected	1300	Not Detected
cis-1,2-Dichloroethene	110	Not Detected	440	Not Detected
Tetrahydrofuran	110	Not Detected	330	Not Detected
Chloroform	110	Not Detected	550	Not Detected
1,1,1-Trichloroethane	110	Not Detected	610	Not Detected
Cyclohexane	110	35000	380	120000
Carbon Tetrachloride	110	Not Detected	700	Not Detected
2,2,4-Trimethylpentane	110	150000 E	520	700000 E
Benzene	110	3200	360	10000
1,2-Dichloroethane	110	Not Detected	450	Not Detected
Heptane	110	30000	460	120000
Trichloroethene	110	Not Detected	600	Not Detected
1,2-Dichloropropane	110	Not Detected	520	Not Detected
1,4-Dioxane	450	Not Detected	1600	Not Detected
Bromodichloromethane	110	Not Detected	750	Not Detected
cis-1,3-Dichloropropene	110	Not Detected	510	Not Detected
4-Methyl-2-pentanone	110	Not Detected	460	Not Detected
Toluene	110	6300	420	24000
trans-1,3-Dichloropropene	110	Not Detected	510	Not Detected
1,1,2-Trichloroethane	110	Not Detected	610	Not Detected
Tetrachloroethene	110	Not Detected	760	Not Detected
2-Hexanone	450	Not Detected	1800	Not Detected

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Client Sample ID: VSP-010813-INF

Lab ID#: 1301163-04A

EPA METHOD TO-15 GC/MS

File Name:	**14012244**	**Date of Collection:**	**1/8/13 4:05:00 PM**
Dil. Factor:	**22.4**	**Date of Analysis:**	**1/23/13 11:38 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	110	Not Detected	950	Not Detected
1,2-Dibromoethane (EDB)	110	Not Detected	860	Not Detected
Chlorobenzene	110	Not Detected	520	Not Detected
Ethyl Benzene	110	340	490	1500
m,p-Xylene	110	59000	490	260000
o-Xylene	110	35000	490	150000
Styrene	110	Not Detected	480	Not Detected
Bromoform	110	Not Detected	1200	Not Detected
Cumene	110	220	550	1100
1,1,2,2-Tetrachloroethane	110	Not Detected	770	Not Detected
Propylbenzene	110	290	550	1400
4-Ethyltoluene	110	32000	550	160000
1,3,5-Trimethylbenzene	110	13000	550	66000
1,2,4-Trimethylbenzene	110	34000	550	160000
1,3-Dichlorobenzene	110	Not Detected	670	Not Detected
1,4-Dichlorobenzene	110	Not Detected	670	Not Detected
alpha-Chlorotoluene	110	Not Detected	580	Not Detected
1,2-Dichlorobenzene	110	Not Detected	670	Not Detected
1,2,4-Trichlorobenzene	450	Not Detected	3300	Not Detected
Hexachlorobutadiene	450	Not Detected	4800	Not Detected
TPH ref. to Gasoline (MW=100)	2200	2400000	9200	9700000

E = Exceeds instrument calibration range.
Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	133 Q	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VSP-010813-INF DUP

Lab ID#: 1301163-05A

EPA METHOD TO-15 GC/MS

File Name:	**14012245**	**Date of Collection:**	**1/8/13 4:05:00 PM**
Dil. Factor:	**22.9**	**Date of Analysis:**	**1/23/13 12:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	110	Not Detected	570	Not Detected
Freon 114	110	Not Detected	800	Not Detected
Chloromethane	460	Not Detected	940	Not Detected
Vinyl Chloride	110	Not Detected	290	Not Detected
1,3-Butadiene	110	Not Detected	250	Not Detected
Bromomethane	110	Not Detected	440	Not Detected
Chloroethane	460	Not Detected	1200	Not Detected
Freon 11	110	Not Detected	640	Not Detected
Ethanol	460	Not Detected	860	Not Detected
Freon 113	110	Not Detected	880	Not Detected
1,1-Dichloroethene	110	Not Detected	450	Not Detected
Acetone	460	Not Detected	1100	Not Detected
2-Propanol	460	Not Detected	1100	Not Detected
Carbon Disulfide	110	Not Detected	360	Not Detected
3-Chloropropene	460	Not Detected	1400	Not Detected
Methylene Chloride	110	Not Detected	400	Not Detected
Methyl tert-butyl ether	110	16000	410	58000
trans-1,2-Dichloroethene	110	Not Detected	450	Not Detected
Hexane	110	68000	400	240000
1,1-Dichloroethane	110	Not Detected	460	Not Detected
2-Butanone (Methyl Ethyl Ketone)	460	Not Detected	1400	Not Detected
cis-1,2-Dichloroethene	110	Not Detected	450	Not Detected
Tetrahydrofuran	110	Not Detected	340	Not Detected
Chloroform	110	Not Detected	560	Not Detected
1,1,1-Trichloroethane	110	Not Detected	620	Not Detected
Cyclohexane	110	34000	390	120000
Carbon Tetrachloride	110	Not Detected	720	Not Detected
2,2,4-Trimethylpentane	110	150000 E	530	690000 E
Benzene	110	3000	360	9800
1,2-Dichloroethane	110	Not Detected	460	Not Detected
Heptane	110	29000	470	120000
Trichloroethene	110	Not Detected	620	Not Detected
1,2-Dichloropropane	110	Not Detected	530	Not Detected
1,4-Dioxane	460	Not Detected	1600	Not Detected
Bromodichloromethane	110	Not Detected	770	Not Detected
cis-1,3-Dichloropropene	110	Not Detected	520	Not Detected
4-Methyl-2-pentanone	110	Not Detected	470	Not Detected
Toluene	110	6200	430	23000
trans-1,3-Dichloropropene	110	Not Detected	520	Not Detected
1,1,2-Trichloroethane	110	Not Detected	620	Not Detected
Tetrachloroethene	110	Not Detected	780	Not Detected
2-Hexanone	460	Not Detected	1900	Not Detected

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Client Sample ID: VSP-010813-INF DUP

Lab ID#: 1301163-05A

EPA METHOD TO-15 GC/MS

File Name:	**14012245**	**Date of Collection:**	**1/8/13 4:05:00 PM**
Dil. Factor:	**22.9**	**Date of Analysis:**	**1/23/13 12:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	110	Not Detected	980	Not Detected
1,2-Dibromoethane (EDB)	110	Not Detected	880	Not Detected
Chlorobenzene	110	Not Detected	530	Not Detected
Ethyl Benzene	110	340	500	1500
m,p-Xylene	110	60000	500	260000
o-Xylene	110	36000	500	160000
Styrene	110	Not Detected	490	Not Detected
Bromoform	110	Not Detected	1200	Not Detected
Cumene	110	230	560	1100
1,1,2,2-Tetrachloroethane	110	Not Detected	790	Not Detected
Propylbenzene	110	290	560	1400
4-Ethyltoluene	110	34000	560	170000
1,3,5-Trimethylbenzene	110	14000	560	70000
1,2,4-Trimethylbenzene	110	36000	560	180000
1,3-Dichlorobenzene	110	Not Detected	690	Not Detected
1,4-Dichlorobenzene	110	Not Detected	690	Not Detected
alpha-Chlorotoluene	110	Not Detected	590	Not Detected
1,2-Dichlorobenzene	110	Not Detected	690	Not Detected
1,2,4-Trichlorobenzene	460	Not Detected	3400	Not Detected
Hexachlorobutadiene	460	Not Detected	4900	Not Detected
TPH ref. to Gasoline (MW=100)	2300	2400000	9400	9600000

E = Exceeds instrument calibration range.
Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.
Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	134 Q	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1301163-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 01:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1301163-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 01:22 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1301163-06B

EPA METHOD TO-15 GC/MS

File Name:	**14012237**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/23/13 07:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	Not Detected	38	Not Detected
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1301163-06B

EPA METHOD TO-15 GC/MS

File Name:	**14012237**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/23/13 07:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: CCV

Lab ID#: 1301163-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 09:40 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	95
Chloromethane	96
Vinyl Chloride	94
1,3-Butadiene	98
Bromomethane	99
Chloroethane	97
Freon 11	96
Ethanol	94
Freon 113	95
1,1-Dichloroethene	102
Acetone	91
2-Propanol	97
Carbon Disulfide	94
3-Chloropropene	99
Methylene Chloride	95
Methyl tert-butyl ether	122
trans-1,2-Dichloroethene	100
Hexane	100
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	102
cis-1,2-Dichloroethene	96
Tetrahydrofuran	102
Chloroform	96
1,1,1-Trichloroethane	97
Cyclohexane	99
Carbon Tetrachloride	97
2,2,4-Trimethylpentane	101
Benzene	97
1,2-Dichloroethane	96
Heptane	102
Trichloroethene	92
1,2-Dichloropropane	97
1,4-Dioxane	101
Bromodichloromethane	97
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	106
Toluene	97
trans-1,3-Dichloropropene	103
1,1,2-Trichloroethane	96
Tetrachloroethene	94
2-Hexanone	101

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Client Sample ID: CCV

Lab ID#: 1301163-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 09:40 AM**	

Compound	**%Recovery**
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	98
Chlorobenzene	94
Ethyl Benzene	99
m,p-Xylene	102
o-Xylene	102
Styrene	110
Bromoform	102
Cumene	103
1,1,2,2-Tetrachloroethane	95
Propylbenzene	99
4-Ethyltoluene	101
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	94
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	95
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	94
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV

Lab ID#: 1301163-07B

EPA METHOD TO-15 GC/MS

File Name:	**14012233**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/13 09:36 PM**	

Compound	%Recovery
Freon 12	110
Freon 114	112
Chloromethane	118
Vinyl Chloride	97
1,3-Butadiene	102
Bromomethane	112
Chloroethane	104
Freon 11	111
Ethanol	111
Freon 113	98
1,1-Dichloroethene	112
Acetone	102
2-Propanol	102
Carbon Disulfide	87
3-Chloropropene	89
Methylene Chloride	108
Methyl tert-butyl ether	93
trans-1,2-Dichloroethene	103
Hexane	100
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	97
Tetrahydrofuran	102
Chloroform	102
1,1,1-Trichloroethane	94
Cyclohexane	94
Carbon Tetrachloride	103
2,2,4-Trimethylpentane	99
Benzene	99
1,2-Dichloroethane	108
Heptane	99
Trichloroethene	102
1,2-Dichloropropane	101
1,4-Dioxane	103
Bromodichloromethane	98
cis-1,3-Dichloropropene	85
4-Methyl-2-pentanone	95
Toluene	96
trans-1,3-Dichloropropene	84
1,1,2-Trichloroethane	98
Tetrachloroethene	100
2-Hexanone	94

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Client Sample ID: CCV

Lab ID#: 1301163-07B

EPA METHOD TO-15 GC/MS

File Name:	**14012233**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/13 09:36 PM**	

Compound	**%Recovery**
Dibromochloromethane	97
1,2-Dibromoethane (EDB)	98
Chlorobenzene	102
Ethyl Benzene	96
m,p-Xylene	94
o-Xylene	98
Styrene	97
Bromoform	93
Cumene	99
1,1,2,2-Tetrachloroethane	102
Propylbenzene	104
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	110
1,2,4-Trimethylbenzene	103
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	81
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	98
Hexachlorobutadiene	108
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCS

Lab ID#: 1301163-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 10:31 AM**	

Compound	%Recovery
Freon 12	89
Freon 114	90
Chloromethane	94
Vinyl Chloride	89
1,3-Butadiene	90
Bromomethane	90
Chloroethane	90
Freon 11	88
Ethanol	54 Q
Freon 113	88
1,1-Dichloroethene	100
Acetone	81
2-Propanol	92
Carbon Disulfide	107
3-Chloropropene	105
Methylene Chloride	89
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	104
Hexane	92
1,1-Dichloroethane	90
2-Butanone (Methyl Ethyl Ketone)	92
cis-1,2-Dichloroethene	91
Tetrahydrofuran	92
Chloroform	90
1,1,1-Trichloroethane	91
Cyclohexane	93
Carbon Tetrachloride	90
2,2,4-Trimethylpentane	92
Benzene	89
1,2-Dichloroethane	88
Heptane	93
Trichloroethene	86
1,2-Dichloropropane	89
1,4-Dioxane	89
Bromodichloromethane	88
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	94
Toluene	88
trans-1,3-Dichloropropene	94
1,1,2-Trichloroethane	89
Tetrachloroethene	87
2-Hexanone	90

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Client Sample ID: LCS

Lab ID#: 1301163-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 10:31 AM**	

Compound	**%Recovery**
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	91
Chlorobenzene	89
Ethyl Benzene	91
m,p-Xylene	95
o-Xylene	95
Styrene	100
Bromoform	93
Cumene	96
1,1,2,2-Tetrachloroethane	91
Propylbenzene	93
4-Ethyltoluene	91
1,3,5-Trimethylbenzene	94
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	95
1,2-Dichlorobenzene	91
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1301163-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 10:57 AM**	

Compound	**%Recovery**
Freon 12	90
Freon 114	92
Chloromethane	105
Vinyl Chloride	91
1,3-Butadiene	92
Bromomethane	94
Chloroethane	90
Freon 11	90
Ethanol	54 Q
Freon 113	90
1,1-Dichloroethene	102
Acetone	83
2-Propanol	92
Carbon Disulfide	110
3-Chloropropene	108
Methylene Chloride	89
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	108
Hexane	94
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	96
cis-1,2-Dichloroethene	94
Tetrahydrofuran	94
Chloroform	93
1,1,1-Trichloroethane	93
Cyclohexane	96
Carbon Tetrachloride	92
2,2,4-Trimethylpentane	94
Benzene	92
1,2-Dichloroethane	89
Heptane	96
Trichloroethene	89
1,2-Dichloropropane	92
1,4-Dioxane	92
Bromodichloromethane	91
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	100
Toluene	90
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	90
Tetrachloroethene	88
2-Hexanone	91

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Client Sample ID: LCSD

Lab ID#: 1301163-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p011604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/16/13 10:57 AM**	

Compound	**%Recovery**
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	92
Chlorobenzene	91
Ethyl Benzene	94
m,p-Xylene	98
o-Xylene	97
Styrene	102
Bromoform	93
Cumene	98
1,1,2,2-Tetrachloroethane	92
Propylbenzene	96
4-Ethyltoluene	93
1,3,5-Trimethylbenzene	96
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	91
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	92
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	93
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS
Lab ID#: 1301163-08B
EPA METHOD TO-15 GC/MS

File Name:	**14012234**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/13 10:10 PM**	

Compound	%Recovery
Freon 12	114
Freon 114	111
Chloromethane	122
Vinyl Chloride	98
1,3-Butadiene	103
Bromomethane	107
Chloroethane	102
Freon 11	113
Ethanol	104
Freon 113	98
1,1-Dichloroethene	116
Acetone	101
2-Propanol	106
Carbon Disulfide	110
3-Chloropropene	104
Methylene Chloride	105
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	117
Hexane	98
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	99
Tetrahydrofuran	99
Chloroform	107
1,1,1-Trichloroethane	100
Cyclohexane	97
Carbon Tetrachloride	106
2,2,4-Trimethylpentane	97
Benzene	103
1,2-Dichloroethane	111
Heptane	98
Trichloroethene	103
1,2-Dichloropropane	101
1,4-Dioxane	104
Bromodichloromethane	103
cis-1,3-Dichloropropene	88
4-Methyl-2-pentanone	94
Toluene	96
trans-1,3-Dichloropropene	85
1,1,2-Trichloroethane	101
Tetrachloroethene	100
2-Hexanone	92

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Client Sample ID: LCS

Lab ID#: 1301163-08B

EPA METHOD TO-15 GC/MS

File Name:	**14012234**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/13 10:10 PM**	

Compound	**%Recovery**
Dibromochloromethane	99
1,2-Dibromoethane (EDB)	100
Chlorobenzene	103
Ethyl Benzene	96
m,p-Xylene	100
o-Xylene	98
Styrene	100
Bromoform	96
Cumene	101
1,1,2,2-Tetrachloroethane	109
Propylbenzene	106
4-Ethyltoluene	103
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	103
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	86
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCSD

Lab ID#: 1301163-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14012235**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/13 10:46 PM**	

Compound	%Recovery
Freon 12	112
Freon 114	110
Chloromethane	123
Vinyl Chloride	99
1,3-Butadiene	102
Bromomethane	111
Chloroethane	103
Freon 11	112
Ethanol	102
Freon 113	98
1,1-Dichloroethene	117
Acetone	104
2-Propanol	102
Carbon Disulfide	108
3-Chloropropene	103
Methylene Chloride	107
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	120
Hexane	97
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	97
Tetrahydrofuran	98
Chloroform	106
1,1,1-Trichloroethane	98
Cyclohexane	97
Carbon Tetrachloride	108
2,2,4-Trimethylpentane	97
Benzene	101
1,2-Dichloroethane	109
Heptane	99
Trichloroethene	104
1,2-Dichloropropane	100
1,4-Dioxane	101
Bromodichloromethane	102
cis-1,3-Dichloropropene	88
4-Methyl-2-pentanone	94
Toluene	97
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	103
Tetrachloroethene	103
2-Hexanone	93

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Client Sample ID: LCSD

Lab ID#: 1301163-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14012235**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 1/22/13 10:46 PM**	

Compound	**%Recovery**
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	103
Chlorobenzene	106
Ethyl Benzene	97
m,p-Xylene	101
o-Xylene	101
Styrene	100
Bromoform	100
Cumene	104
1,1,2,2-Tetrachloroethane	111
Propylbenzene	107
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	110
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	105
alpha-Chlorotoluene	86
1,2-Dichlorobenzene	110
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Matt Tani / M. Tani
Company: Arcadis Email: on file
Address: City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: ST010022.0023.
Project Name: KMEP/Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-010812-EFF	36464	1/8/12	1538	TO15 (TPH)	27.5	-1		
02A	VSP-010812-MID CRB	15733	↓	1547	↓	↓	↓		
03A	VSP-010812-POST OX	36502		1556					
04A	VSP-010812-INF	36433		1605					
05A	VSP-010812-INF DUP	34149		1605					

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	1/9/12 1330	FedEx Office	1/9/12 1330
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Katie Peckham	01/10/13 0845
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	good	Yes No (None)	1301163

Form 1293 rev.11

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6/11/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #:
Workorder #: 1305561

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 5/25/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Maria Barajas at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Maria Barajas

Maria Barajas

Project Manager

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WORK ORDER #: 1305561

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	ST007937.0013.00000
FAX:	480-905-9353	**PROJECT #**	KMEP/SILVERCROFT
DATE RECEIVED:	05/25/2013	**CONTACT:**	Maria Barajas
DATE COMPLETED:	06/07/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-051613-EFF	Modified TO-15	6.6 "Hg	15 psi
02A	VSP-051613-INF	Modified TO-15	7.0 "Hg	15 psi
03A	Lab Blank	Modified TO-15	NA	NA
04A	CCV	Modified TO-15	NA	NA
05A	LCS	Modified TO-15	NA	NA
05AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 06/11/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1305561

Two 1 Liter Summa Canister samples were received on May 25, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

The Chain of Custody was missing method information. ATL proceeded with the analysis as per the original contract or verbal agreement.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-051613-EFF and VSP-051613-INF due to the presence of high level target and non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-051613-EFF

Lab ID#: 1305561-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	520	19000	1700	60000
Toluene	520	76000	2000	280000
Ethyl Benzene	520	12000	2200	52000
m,p-Xylene	520	32000	2200	140000
o-Xylene	520	11000	2200	46000
1,2,4-Trimethylbenzene	520	4800	2600	24000
1,3,5-Trimethylbenzene	520	1700	2600	8300
TPH ref. to Gasoline (MW=100)	26000	1600000	110000	6400000

Client Sample ID: VSP-051613-INF

Lab ID#: 1305561-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.3	240	17	760
Toluene	5.3	760	20	2900
Ethyl Benzene	5.3	110	23	480
m,p-Xylene	5.3	310	23	1300
o-Xylene	5.3	110	23	470
1,2,4-Trimethylbenzene	5.3	38	26	180
1,3,5-Trimethylbenzene	5.3	13	26	64
TPH ref. to Gasoline (MW=100)	260	12000	1100	50000

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Client Sample ID: VSP-051613-EFF

Lab ID#: 1305561-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j053020**	**Date of Collection:**	**5/16/13 3:03:00 PM**
Dil. Factor:	**1040**	**Date of Analysis:**	**5/30/13 07:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	520	19000	1700	60000
Toluene	520	76000	2000	280000
Ethyl Benzene	520	12000	2200	52000
m,p-Xylene	520	32000	2200	140000
o-Xylene	520	11000	2200	46000
Tetrachloroethene	520	Not Detected	3500	Not Detected
Trichloroethene	520	Not Detected	2800	Not Detected
1,2,4-Trimethylbenzene	520	4800	2600	24000
1,3,5-Trimethylbenzene	520	1700	2600	8300
TPH ref. to Gasoline (MW=100)	26000	1600000	110000	6400000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VSP-051613-INF

Lab ID#: 1305561-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j053019**	**Date of Collection:**	**5/16/13 2:55:00 PM**
Dil. Factor:	**10.6**	**Date of Analysis:**	**5/30/13 06:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.3	240	17	760
Toluene	5.3	760	20	2900
Ethyl Benzene	5.3	110	23	480
m,p-Xylene	5.3	310	23	1300
o-Xylene	5.3	110	23	470
Tetrachloroethene	5.3	Not Detected	36	Not Detected
Trichloroethene	5.3	Not Detected	28	Not Detected
1,2,4-Trimethylbenzene	5.3	38	26	180
1,3,5-Trimethylbenzene	5.3	13	26	64
TPH ref. to Gasoline (MW=100)	260	12000	1100	50000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1305561-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j053007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/30/13 12:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 1305561-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j053002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/30/13 09:48 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	96
Ethyl Benzene	99
m,p-Xylene	104
o-Xylene	100
Tetrachloroethene	98
Trichloroethene	94
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	85	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCS

Lab ID#: 1305561-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j053003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/30/13 10:26 AM**	

Compound	**%Recovery**
Benzene	99
Toluene	85
Ethyl Benzene	92
m,p-Xylene	103
o-Xylene	104
Tetrachloroethene	97
Trichloroethene	92
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	91
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCSD

Lab ID#: 1305561-05AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j053004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/30/13 11:14 AM**	

Compound	**%Recovery**
Benzene	99
Toluene	91
Ethyl Benzene	92
m,p-Xylene	104
o-Xylene	102
Tetrachloroethene	98
Trichloroethene	94
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	110	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 4201 N 8th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9311

Project Info:
P.O. #: ST007937.0013.00000 ST009737 MAH
Project #: ~~ST010022.0022~~ MAH
Project Name: KMEP / SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-051613-EFF	22967	5/16/13	1503		-26.5	-2.0		
02A	VSP-051613-INF	36527	5/16/13	1455		-27.0	-2.5		
	BAD CAN	36451				-2			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	5/24/13 16:45	FEDEX KINKO'S	5/24/13 16:45
		Katie Deckr ATL	05/25/13 0900

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	good	Yes No None	1305561

Form 1293 rev.11

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7/8/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: Silvercroft
Project #: ST010022.0023.0002
Workorder #: 1306375

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 6/21/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Maria Barajas at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Maria Barajas

Maria Barajas

Project Manager

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WORK ORDER #: 1306375

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0023.0002 Silvercroft
DATE RECEIVED:	06/21/2013	**CONTACT:**	Maria Barajas
DATE COMPLETED:	07/08/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-061913-Eff	Modified TO-15	2.2 "Hg	15.1 psi
02A	VSP-061913-MIDCAR	Modified TO-15	3.1 "Hg	15.1 psi
03A	VSP-061913-MIDCAR DUP	Modified TO-15	2.4 "Hg	14.8 psi
04A	VSP-061913-POST OX	Modified TO-15	1.4 "Hg	14.9 psi
05A	VSP-061913-INF	Modified TO-15	2 "Hg	15.2 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 07/08/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1306375

Five 1 Liter Summa Canister samples were received on June 21, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-061913-INF due to the presence of high level target and non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-061913-Eff

Lab ID#: 1306375-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	11	5.4	54
Ethanol	4.4	9.1	8.2	17
Acetone	11	17	26	40
1,4-Dioxane	4.4	33	16	120

Client Sample ID: VSP-061913-MIDCAR

Lab ID#: 1306375-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	9.4	5.6	47
Ethanol	4.5	16	8.5	31
Acetone	11	14	27	34

Client Sample ID: VSP-061913-MIDCAR DUP

Lab ID#: 1306375-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	9.4	5.4	47
Freon 114	1.1	1.1	7.6	7.7
Ethanol	4.4	9.4	8.2	18
Acetone	11	14	26	32
Benzene	1.1	1.2	3.5	3.7
m,p-Xylene	1.1	3.7	4.7	16

Client Sample ID: VSP-061913-POST OX

Lab ID#: 1306375-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	9.2	5.2	46
Ethanol	4.2	56	8.0	110
Acetone	10	130	25	320
2-Butanone (Methyl Ethyl Ketone)	4.2	4.6	12	14

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-061913-POST OX

Lab ID#: 1306375-04A

Benzene	1.0	1.2	3.4	4.0
Heptane	1.0	1.4	4.3	5.9

Client Sample ID: VSP-061913-INF

Lab ID#: 1306375-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Methyl tert-butyl ether	110	11000	390	40000
Hexane	110	78000	380	280000
Cyclohexane	110	40000	380	140000
2,2,4-Trimethylpentane	110	160000 E	510	770000 E
Benzene	110	4600	350	15000
Heptane	110	35000	450	140000
Toluene	110	8200	410	31000
Ethyl Benzene	110	520	470	2300
m,p-Xylene	110	44000	470	190000
o-Xylene	110	33000	470	140000
Propylbenzene	110	190	540	950
4-Ethyltoluene	110	30000	540	150000
1,3,5-Trimethylbenzene	110	13000	540	65000
1,2,4-Trimethylbenzene	110	30000	540	150000
TPH ref. to Gasoline (MW=100)	2200	2400000	8900	10000000

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Client Sample ID: VSP-061913-Eff

Lab ID#: 1306375-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062613**	**Date of Collection:**	**6/19/13 8:55:00 PM**
Dil. Factor:	**2.19**	**Date of Analysis:**	**6/26/13 10:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	11	5.4	54
Freon 114	1.1	Not Detected	7.6	Not Detected
Chloromethane	11	Not Detected	23	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	11	Not Detected	42	Not Detected
Chloroethane	4.4	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.2	Not Detected
Ethanol	4.4	9.1	8.2	17
Freon 113	1.1	Not Detected	8.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Acetone	11	17	26	40
2-Propanol	4.4	Not Detected	11	Not Detected
Carbon Disulfide	4.4	Not Detected	14	Not Detected
3-Chloropropene	4.4	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	38	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	3.9	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Hexane	1.1	Not Detected	3.8	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.4	Not Detected	13	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	Not Detected	5.3	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.9	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.1	Not Detected
Benzene	1.1	Not Detected	3.5	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	Not Detected	4.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.1	Not Detected
1,4-Dioxane	4.4	33	16	120
Bromodichloromethane	1.1	Not Detected	7.3	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.4	Not Detected
2-Hexanone	4.4	Not Detected	18	Not Detected

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Client Sample ID: VSP-061913-Eff

Lab ID#: 1306375-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062613**	**Date of Collection:**	**6/19/13 8:55:00 PM**
Dil. Factor:	**2.19**	**Date of Analysis:**	**6/26/13 10:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.3	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Chlorobenzene	1.1	Not Detected	5.0	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Styrene	1.1	Not Detected	4.7	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.4	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.5	Not Detected
Propylbenzene	1.1	Not Detected	5.4	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.7	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,2,4-Trichlorobenzene	4.4	Not Detected	32	Not Detected
Hexachlorobutadiene	4.4	Not Detected	47	Not Detected
TPH ref. to Gasoline (MW=100)	55	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-061913-MIDCAR

Lab ID#: 1306375-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062614**	**Date of Collection:**	**6/19/13 9:05:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**6/26/13 11:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	9.4	5.6	47
Freon 114	1.1	Not Detected	7.9	Not Detected
Chloromethane	11	Not Detected	23	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	11	Not Detected	44	Not Detected
Chloroethane	4.5	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.3	Not Detected
Ethanol	4.5	16	8.5	31
Freon 113	1.1	Not Detected	8.7	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Acetone	11	14	27	34
2-Propanol	4.5	Not Detected	11	Not Detected
Carbon Disulfide	4.5	Not Detected	14	Not Detected
3-Chloropropene	4.5	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	39	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.1	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Hexane	1.1	Not Detected	4.0	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.5	Not Detected	13	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.3	Not Detected
Chloroform	1.1	Not Detected	5.5	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Cyclohexane	1.1	Not Detected	3.9	Not Detected
Carbon Tetrachloride	1.1	Not Detected	7.1	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.3	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
Heptane	1.1	Not Detected	4.6	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.2	Not Detected
1,4-Dioxane	4.5	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.6	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
2-Hexanone	4.5	Not Detected	18	Not Detected

eurofins | Air Toxics

Client Sample ID: VSP-061913-MIDCAR

Lab ID#: 1306375-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062614**	**Date of Collection:**	**6/19/13 9:05:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**6/26/13 11:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.6	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.7	Not Detected
Chlorobenzene	1.1	Not Detected	5.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Styrene	1.1	Not Detected	4.8	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.6	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.8	Not Detected
Propylbenzene	1.1	Not Detected	5.6	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.8	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.8	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.8	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.8	Not Detected
1,2,4-Trichlorobenzene	4.5	Not Detected	34	Not Detected
Hexachlorobutadiene	4.5	Not Detected	48	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-061913-MIDCAR DUP

Lab ID#: 1306375-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062615**	**Date of Collection:**	**6/19/13 9:17:00 PM**
Dil. Factor:	**2.18**	**Date of Analysis:**	**6/27/13 08:46 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.1	9.4	5.4	47
Freon 114	1.1	1.1	7.6	7.7
Chloromethane	11	Not Detected	22	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	11	Not Detected	42	Not Detected
Chloroethane	4.4	Not Detected	12	Not Detected
Freon 11	1.1	Not Detected	6.1	Not Detected
Ethanol	4.4	9.4	8.2	18
Freon 113	1.1	Not Detected	8.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Acetone	11	14	26	32
2-Propanol	4.4	Not Detected	11	Not Detected
Carbon Disulfide	4.4	Not Detected	14	Not Detected
3-Chloropropene	4.4	Not Detected	14	Not Detected
Methylene Chloride	11	Not Detected	38	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	3.9	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Hexane	1.1	Not Detected	3.8	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.4	Not Detected	13	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	Not Detected	5.3	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.8	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.1	Not Detected
Benzene	1.1	1.2	3.5	3.7
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	Not Detected	4.5	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.0	Not Detected
1,4-Dioxane	4.4	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.3	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	4.9	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	4.9	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.4	Not Detected
2-Hexanone	4.4	Not Detected	18	Not Detected

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Client Sample ID: VSP-061913-MIDCAR DUP

Lab ID#: 1306375-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062615**	**Date of Collection:**	**6/19/13 9:17:00 PM**
Dil. Factor:	**2.18**	**Date of Analysis:**	**6/27/13 08:46 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.1	Not Detected	9.3	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Chlorobenzene	1.1	Not Detected	5.0	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	3.7	4.7	16
o-Xylene	1.1	Not Detected	4.7	Not Detected
Styrene	1.1	Not Detected	4.6	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.4	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.5	Not Detected
Propylbenzene	1.1	Not Detected	5.4	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.6	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,2,4-Trichlorobenzene	4.4	Not Detected	32	Not Detected
Hexachlorobutadiene	4.4	Not Detected	46	Not Detected
TPH ref. to Gasoline (MW=100)	54	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VSP-061913-POST OX

Lab ID#: 1306375-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062616**	**Date of Collection:**	**6/19/13 9:17:00 PM**
Dil. Factor:	**2.11**	**Date of Analysis:**	**6/27/13 09:25 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	9.2	5.2	46
Freon 114	1.0	Not Detected	7.4	Not Detected
Chloromethane	10	Not Detected	22	Not Detected
Vinyl Chloride	1.0	Not Detected	2.7	Not Detected
1,3-Butadiene	1.0	Not Detected	2.3	Not Detected
Bromomethane	10	Not Detected	41	Not Detected
Chloroethane	4.2	Not Detected	11	Not Detected
Freon 11	1.0	Not Detected	5.9	Not Detected
Ethanol	4.2	56	8.0	110
Freon 113	1.0	Not Detected	8.1	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.2	Not Detected
Acetone	10	130	25	320
2-Propanol	4.2	Not Detected	10	Not Detected
Carbon Disulfide	4.2	Not Detected	13	Not Detected
3-Chloropropene	4.2	Not Detected	13	Not Detected
Methylene Chloride	10	Not Detected	37	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.8	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.2	Not Detected
Hexane	1.0	Not Detected	3.7	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.2	4.6	12	14
cis-1,2-Dichloroethene	1.0	Not Detected	4.2	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.1	Not Detected
Chloroform	1.0	Not Detected	5.2	Not Detected
1,1,1-Trichloroethane	1.0	Not Detected	5.8	Not Detected
Cyclohexane	1.0	Not Detected	3.6	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.6	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.9	Not Detected
Benzene	1.0	1.2	3.4	4.0
1,2-Dichloroethane	1.0	Not Detected	4.3	Not Detected
Heptane	1.0	1.4	4.3	5.9
Trichloroethene	1.0	Not Detected	5.7	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.9	Not Detected
1,4-Dioxane	4.2	Not Detected	15	Not Detected
Bromodichloromethane	1.0	Not Detected	7.1	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.8	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.3	Not Detected
Toluene	1.0	Not Detected	4.0	Not Detected
trans-1,3-Dichloropropene	1.0	Not Detected	4.8	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.8	Not Detected
Tetrachloroethene	1.0	Not Detected	7.2	Not Detected
2-Hexanone	4.2	Not Detected	17	Not Detected

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Client Sample ID: VSP-061913-POST OX

Lab ID#: 1306375-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062616**	**Date of Collection:**	**6/19/13 9:17:00 PM**
Dil. Factor:	**2.11**	**Date of Analysis:**	**6/27/13 09:25 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.0	Not Detected	9.0	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	8.1	Not Detected
Chlorobenzene	1.0	Not Detected	4.8	Not Detected
Ethyl Benzene	1.0	Not Detected	4.6	Not Detected
m,p-Xylene	1.0	Not Detected	4.6	Not Detected
o-Xylene	1.0	Not Detected	4.6	Not Detected
Styrene	1.0	Not Detected	4.5	Not Detected
Bromoform	1.0	Not Detected	11	Not Detected
Cumene	1.0	Not Detected	5.2	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	7.2	Not Detected
Propylbenzene	1.0	Not Detected	5.2	Not Detected
4-Ethyltoluene	1.0	Not Detected	5.2	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.2	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.2	Not Detected
1,3-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.5	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.3	Not Detected
1,2,4-Trichlorobenzene	4.2	Not Detected	31	Not Detected
Hexachlorobutadiene	4.2	Not Detected	45	Not Detected
TPH ref. to Gasoline (MW=100)	53	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-061913-INF

Lab ID#: 1306375-05A

EPA METHOD TO-15 GC/MS

File Name:	**14062713**	**Date of Collection:**	**6/19/13 9:30:00 PM**
Dil. Factor:	**21.8**	**Date of Analysis:**	**6/27/13 06:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	110	Not Detected	540	Not Detected
Freon 114	110	Not Detected	760	Not Detected
Chloromethane	440	Not Detected	900	Not Detected
Vinyl Chloride	110	Not Detected	280	Not Detected
1,3-Butadiene	110	Not Detected	240	Not Detected
Bromomethane	110	Not Detected	420	Not Detected
Chloroethane	440	Not Detected	1200	Not Detected
Freon 11	110	Not Detected	610	Not Detected
Ethanol	440	Not Detected	820	Not Detected
Freon 113	110	Not Detected	840	Not Detected
1,1-Dichloroethene	110	Not Detected	430	Not Detected
Acetone	440	Not Detected	1000	Not Detected
2-Propanol	440	Not Detected	1100	Not Detected
Carbon Disulfide	110	Not Detected	340	Not Detected
3-Chloropropene	440	Not Detected	1400	Not Detected
Methylene Chloride	110	Not Detected	380	Not Detected
Methyl tert-butyl ether	110	11000	390	40000
trans-1,2-Dichloroethene	110	Not Detected	430	Not Detected
Hexane	110	78000	380	280000
1,1-Dichloroethane	110	Not Detected	440	Not Detected
2-Butanone (Methyl Ethyl Ketone)	440	Not Detected	1300	Not Detected
cis-1,2-Dichloroethene	110	Not Detected	430	Not Detected
Tetrahydrofuran	110	Not Detected	320	Not Detected
Chloroform	110	Not Detected	530	Not Detected
1,1,1-Trichloroethane	110	Not Detected	590	Not Detected
Cyclohexane	110	40000	380	140000
Carbon Tetrachloride	110	Not Detected	680	Not Detected
2,2,4-Trimethylpentane	110	160000 E	510	770000 E
Benzene	110	4600	350	15000
1,2-Dichloroethane	110	Not Detected	440	Not Detected
Heptane	110	35000	450	140000
Trichloroethene	110	Not Detected	580	Not Detected
1,2-Dichloropropane	110	Not Detected	500	Not Detected
1,4-Dioxane	440	Not Detected	1600	Not Detected
Bromodichloromethane	110	Not Detected	730	Not Detected
cis-1,3-Dichloropropene	110	Not Detected	490	Not Detected
4-Methyl-2-pentanone	110	Not Detected	450	Not Detected
Toluene	110	8200	410	31000
trans-1,3-Dichloropropene	110	Not Detected	490	Not Detected
1,1,2-Trichloroethane	110	Not Detected	590	Not Detected
Tetrachloroethene	110	Not Detected	740	Not Detected
2-Hexanone	440	Not Detected	1800	Not Detected

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Client Sample ID: VSP-061913-INF

Lab ID#: 1306375-05A

EPA METHOD TO-15 GC/MS

File Name:	**14062713**	**Date of Collection:**	**6/19/13 9:30:00 PM**
Dil. Factor:	**21.8**	**Date of Analysis:**	**6/27/13 06:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	110	Not Detected	930	Not Detected
1,2-Dibromoethane (EDB)	110	Not Detected	840	Not Detected
Chlorobenzene	110	Not Detected	500	Not Detected
Ethyl Benzene	110	520	470	2300
m,p-Xylene	110	44000	470	190000
o-Xylene	110	33000	470	140000
Styrene	110	Not Detected	460	Not Detected
Bromoform	110	Not Detected	1100	Not Detected
Cumene	110	Not Detected	540	Not Detected
1,1,2,2-Tetrachloroethane	110	Not Detected	750	Not Detected
Propylbenzene	110	190	540	950
4-Ethyltoluene	110	30000	540	150000
1,3,5-Trimethylbenzene	110	13000	540	65000
1,2,4-Trimethylbenzene	110	30000	540	150000
1,3-Dichlorobenzene	110	Not Detected	660	Not Detected
1,4-Dichlorobenzene	110	Not Detected	660	Not Detected
alpha-Chlorotoluene	110	Not Detected	560	Not Detected
1,2-Dichlorobenzene	110	Not Detected	660	Not Detected
1,2,4-Trichlorobenzene	440	Not Detected	3200	Not Detected
Hexachlorobutadiene	440	Not Detected	4600	Not Detected
TPH ref. to Gasoline (MW=100)	2200	2400000	8900	10000000

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1306375-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062609**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 07:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1306375-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062609**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 07:43 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1306375-06B

EPA METHOD TO-15 GC/MS

File Name:	**14062706**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 01:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 114	5.0	Not Detected	35	Not Detected
Chloromethane	20	Not Detected	41	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,3-Butadiene	5.0	Not Detected	11	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	20	Not Detected	53	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Ethanol	20	Not Detected	38	Not Detected
Freon 113	5.0	Not Detected	38	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
Acetone	20	Not Detected	48	Not Detected
2-Propanol	20	Not Detected	49	Not Detected
Carbon Disulfide	5.0	Not Detected	16	Not Detected
3-Chloropropene	20	Not Detected	63	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Hexane	5.0	Not Detected	18	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
2-Butanone (Methyl Ethyl Ketone)	20	Not Detected	59	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Tetrahydrofuran	5.0	Not Detected	15	Not Detected
Chloroform	5.0	Not Detected	24	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	27	Not Detected
Cyclohexane	5.0	Not Detected	17	Not Detected
Carbon Tetrachloride	5.0	Not Detected	31	Not Detected
2,2,4-Trimethylpentane	5.0	Not Detected	23	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Heptane	5.0	Not Detected	20	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,4-Dioxane	20	Not Detected	72	Not Detected
Bromodichloromethane	5.0	Not Detected	34	Not Detected
cis-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
4-Methyl-2-pentanone	5.0	Not Detected	20	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
trans-1,3-Dichloropropene	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
2-Hexanone	20	Not Detected	82	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 1306375-06B

EPA METHOD TO-15 GC/MS

File Name:	**14062706**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 01:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	5.0	Not Detected	42	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	38	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Styrene	5.0	Not Detected	21	Not Detected
Bromoform	5.0	Not Detected	52	Not Detected
Cumene	5.0	Not Detected	24	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	34	Not Detected
Propylbenzene	5.0	Not Detected	24	Not Detected
4-Ethyltoluene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
alpha-Chlorotoluene	5.0	Not Detected	26	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2,4-Trichlorobenzene	20	Not Detected	150	Not Detected
Hexachlorobutadiene	20	Not Detected	210	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: CCV

Lab ID#: 1306375-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 12:47 PM**	

Compound	%Recovery
Freon 12	100
Freon 114	99
Chloromethane	103
Vinyl Chloride	97
1,3-Butadiene	94
Bromomethane	104
Chloroethane	97
Freon 11	100
Ethanol	98
Freon 113	98
1,1-Dichloroethene	96
Acetone	97
2-Propanol	100
Carbon Disulfide	96
3-Chloropropene	92
Methylene Chloride	98
Methyl tert-butyl ether	104
trans-1,2-Dichloroethene	96
Hexane	103
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	101
cis-1,2-Dichloroethene	97
Tetrahydrofuran	97
Chloroform	98
1,1,1-Trichloroethane	98
Cyclohexane	98
Carbon Tetrachloride	100
2,2,4-Trimethylpentane	98
Benzene	98
1,2-Dichloroethane	98
Heptane	98
Trichloroethene	92
1,2-Dichloropropane	96
1,4-Dioxane	101
Bromodichloromethane	99
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	99
Toluene	96
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	99
Tetrachloroethene	97
2-Hexanone	102

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Client Sample ID: CCV

Lab ID#: 1306375-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 12:47 PM**	

Compound	**%Recovery**
Dibromochloromethane	100
1,2-Dibromoethane (EDB)	101
Chlorobenzene	99
Ethyl Benzene	98
m,p-Xylene	95
o-Xylene	97
Styrene	101
Bromoform	102
Cumene	98
1,1,2,2-Tetrachloroethane	98
Propylbenzene	98
4-Ethyltoluene	100
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	104
1,2-Dichlorobenzene	100
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	91
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: CCV

Lab ID#: 1306375-07B

EPA METHOD TO-15 GC/MS

File Name:	**14062702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 10:59 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	96
Chloromethane	98
Vinyl Chloride	79
1,3-Butadiene	71
Bromomethane	100
Chloroethane	94
Freon 11	97
Ethanol	91
Freon 113	92
1,1-Dichloroethene	90
Acetone	95
2-Propanol	76
Carbon Disulfide	85
3-Chloropropene	83
Methylene Chloride	94
Methyl tert-butyl ether	83
trans-1,2-Dichloroethene	94
Hexane	92
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	89
cis-1,2-Dichloroethene	90
Tetrahydrofuran	87
Chloroform	95
1,1,1-Trichloroethane	92
Cyclohexane	90
Carbon Tetrachloride	93
2,2,4-Trimethylpentane	90
Benzene	103
1,2-Dichloroethane	103
Heptane	102
Trichloroethene	98
1,2-Dichloropropane	99
1,4-Dioxane	92
Bromodichloromethane	101
cis-1,3-Dichloropropene	90
4-Methyl-2-pentanone	97
Toluene	98
trans-1,3-Dichloropropene	91
1,1,2-Trichloroethane	104
Tetrachloroethene	102
2-Hexanone	89

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Client Sample ID: CCV

Lab ID#: 1306375-07B

EPA METHOD TO-15 GC/MS

File Name:	**14062702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 10:59 AM**	

Compound	**%Recovery**
Dibromochloromethane	106
1,2-Dibromoethane (EDB)	103
Chlorobenzene	99
Ethyl Benzene	98
m,p-Xylene	101
o-Xylene	97
Styrene	99
Bromoform	108
Cumene	102
1,1,2,2-Tetrachloroethane	104
Propylbenzene	103
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	105
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	101
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	98
Hexachlorobutadiene	104
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCS

Lab ID#: 1306375-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062603f**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 01:58 PM**	

Compound	**%Recovery**
Freon 12	100
Freon 114	98
Chloromethane	101
Vinyl Chloride	98
1,3-Butadiene	92
Bromomethane	101
Chloroethane	97
Freon 11	99
Ethanol	71
Freon 113	98
1,1-Dichloroethene	100
Acetone	96
2-Propanol	97
Carbon Disulfide	117
3-Chloropropene	104
Methylene Chloride	97
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	105
Hexane	93
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	97
Tetrahydrofuran	92
Chloroform	98
1,1,1-Trichloroethane	98
Cyclohexane	96
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	94
Benzene	98
1,2-Dichloroethane	98
Heptane	95
Trichloroethene	92
1,2-Dichloropropane	96
1,4-Dioxane	94
Bromodichloromethane	98
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	93
Toluene	94
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	94
Tetrachloroethene	94
2-Hexanone	93

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Client Sample ID: LCS

Lab ID#: 1306375-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062603f**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 01:58 PM**	

Compound	**%Recovery**
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	98
Chlorobenzene	97
Ethyl Benzene	95
m,p-Xylene	93
o-Xylene	94
Styrene	96
Bromoform	96
Cumene	96
1,1,2,2-Tetrachloroethane	97
Propylbenzene	96
4-Ethyltoluene	92
1,3,5-Trimethylbenzene	96
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	97
1,2,4-Trichlorobenzene	95
Hexachlorobutadiene	90
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCSD

Lab ID#: 1306375-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 03:14 PM**	

Compound	**%Recovery**
Freon 12	101
Freon 114	99
Chloromethane	103
Vinyl Chloride	98
1,3-Butadiene	94
Bromomethane	104
Chloroethane	98
Freon 11	101
Ethanol	71
Freon 113	100
1,1-Dichloroethene	101
Acetone	97
2-Propanol	98
Carbon Disulfide	118
3-Chloropropene	104
Methylene Chloride	98
Methyl tert-butyl ether	104
trans-1,2-Dichloroethene	105
Hexane	94
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	97
Tetrahydrofuran	94
Chloroform	99
1,1,1-Trichloroethane	100
Cyclohexane	97
Carbon Tetrachloride	99
2,2,4-Trimethylpentane	95
Benzene	99
1,2-Dichloroethane	97
Heptane	96
Trichloroethene	92
1,2-Dichloropropane	95
1,4-Dioxane	95
Bromodichloromethane	98
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	96
Toluene	94
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	94
Tetrachloroethene	93
2-Hexanone	91

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Client Sample ID: LCSD

Lab ID#: 1306375-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p062604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/13 03:14 PM**	

Compound	**%Recovery**
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	97
Chlorobenzene	96
Ethyl Benzene	94
m,p-Xylene	92
o-Xylene	94
Styrene	95
Bromoform	95
Cumene	95
1,1,2,2-Tetrachloroethane	96
Propylbenzene	95
4-Ethyltoluene	92
1,3,5-Trimethylbenzene	95
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	96
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	89
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS
Lab ID#: 1306375-08B
EPA METHOD TO-15 GC/MS

File Name:	**14062703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 11:26 AM**	

Compound	%Recovery
Freon 12	107
Freon 114	104
Chloromethane	109
Vinyl Chloride	88
1,3-Butadiene	80
Bromomethane	83
Chloroethane	95
Freon 11	107
Ethanol	95
Freon 113	98
1,1-Dichloroethene	107
Acetone	99
2-Propanol	92
Carbon Disulfide	116
3-Chloropropene	104
Methylene Chloride	104
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	116
Hexane	98
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	97
Tetrahydrofuran	93
Chloroform	106
1,1,1-Trichloroethane	104
Cyclohexane	100
Carbon Tetrachloride	105
2,2,4-Trimethylpentane	96
Benzene	113
1,2-Dichloroethane	115
Heptane	109
Trichloroethene	110
1,2-Dichloropropane	111
1,4-Dioxane	105
Bromodichloromethane	113
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	104
Toluene	105
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	113
Tetrachloroethene	108
2-Hexanone	101

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Client Sample ID: LCS
Lab ID#: 1306375-08B
EPA METHOD TO-15 GC/MS

File Name:	**14062703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 11:26 AM**	

Compound	**%Recovery**
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	115
Chlorobenzene	108
Ethyl Benzene	105
m,p-Xylene	109
o-Xylene	108
Styrene	116
Bromoform	115
Cumene	111
1,1,2,2-Tetrachloroethane	114
Propylbenzene	114
4-Ethyltoluene	111
1,3,5-Trimethylbenzene	113
1,2,4-Trimethylbenzene	109
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	109
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: LCSD

Lab ID#: 1306375-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14062704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 11:52 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	105
Chloromethane	108
Vinyl Chloride	88
1,3-Butadiene	78
Bromomethane	81
Chloroethane	90
Freon 11	108
Ethanol	91
Freon 113	97
1,1-Dichloroethene	108
Acetone	100
2-Propanol	93
Carbon Disulfide	116
3-Chloropropene	104
Methylene Chloride	101
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	115
Hexane	97
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	95
Tetrahydrofuran	93
Chloroform	106
1,1,1-Trichloroethane	103
Cyclohexane	99
Carbon Tetrachloride	107
2,2,4-Trimethylpentane	95
Benzene	114
1,2-Dichloroethane	114
Heptane	107
Trichloroethene	110
1,2-Dichloropropane	109
1,4-Dioxane	102
Bromodichloromethane	112
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	103
Toluene	104
trans-1,3-Dichloropropene	101
1,1,2-Trichloroethane	114
Tetrachloroethene	108
2-Hexanone	99

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Client Sample ID: LCSD

Lab ID#: 1306375-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14062704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/27/13 11:52 AM**	

Compound	**%Recovery**
Dibromochloromethane	117
1,2-Dibromoethane (EDB)	114
Chlorobenzene	108
Ethyl Benzene	106
m,p-Xylene	109
o-Xylene	107
Styrene	116
Bromoform	116
Cumene	112
1,1,2,2-Tetrachloroethane	116
Propylbenzene	115
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	115
1,2,4-Trimethylbenzene	110
1,3-Dichlorobenzene	109
1,4-Dichlorobenzene	110
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	109
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	100
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	105	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9533

Project Info:
P.O. #:
Project #: ST010022.0023.00002
Project Name: SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-061913-EFF	14520	6/19/13	20:55	TO15 + TPH	-25	-2		
02A	VSP-061913-MID CAR	37421		21:05		-26	-1		
03A	VSP-061913-MID CAR DUP	30814		21:17		-25	-1		
04A	VSP-061913-POST OX	2115		21:17		-26	-1		
05A	VSP-061913-INF	30826		21:30		-27	-1		
						GAUGE IS BAD. MAH			

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	1520 6/20/13	FED EX	6/20/13 1515:00
		[illegible]	6.21.13 0945

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No None	1306375

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8/4/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #: STO1022.0023.00002
Workorder #: 1307402

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 7/22/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Maria Barajas at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Maria Barajas

Maria Barajas

Project Manager

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WORK ORDER #: 1307402

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	STO1022.0023.00002
DATE RECEIVED:	07/22/2013	**CONTACT:**	KMEP/SILVERCROFT Maria Barajas
DATE COMPLETED:	08/04/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-071913-EFF	Modified TO-15	4.1 "Hg	14.8 psi
02A	VSP-071913-MID CAR	Modified TO-15	4.3 "Hg	14.5 psi
03A	VSP-071913-POST OX	Modified TO-15	3.7 "Hg	14.8 psi
04A	VSP-071913-INF	Modified TO-15	3.1 "Hg	14.9 psi
05A	VSP-071913-INF DUP	Modified TO-15	3.3 "Hg	15.1 psi
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 08/04/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1307402

Five 1 Liter Summa Canister samples were received on July 22, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-071913-INF and VSP-071913-INF DUP due to the presence of high level target and non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-071913-EFF

Lab ID#: 1307402-01A

No Detections Were Found.

Client Sample ID: VSP-071913-MID CAR

Lab ID#: 1307402-02A

No Detections Were Found.

Client Sample ID: VSP-071913-POST OX

Lab ID#: 1307402-03A

No Detections Were Found.

Client Sample ID: VSP-071913-INF

Lab ID#: 1307402-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	4200	720	13000
Toluene	220	7100	840	27000
Ethyl Benzene	220	390	970	1700
m,p-Xylene	220	45000	970	200000
o-Xylene	220	32000	970	140000
1,2,4-Trimethylbenzene	220	30000	1100	140000
1,3,5-Trimethylbenzene	220	13000	1100	65000
TPH ref. to Gasoline (MW=100)	11000	2900000	46000	12000000

Client Sample ID: VSP-071913-INF DUP

Lab ID#: 1307402-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	230	4500	720	14000
Toluene	230	7500	860	28000
Ethyl Benzene	230	420	980	1800
m,p-Xylene	230	48000	980	210000
o-Xylene	230	34000	980	150000
1,2,4-Trimethylbenzene	230	30000	1100	150000
1,3,5-Trimethylbenzene	230	14000	1100	68000

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-071913-INF DUP

Lab ID#: 1307402-05A

TPH ref. to Gasoline (MW=100)	11000	3100000	46000	13000000

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Client Sample ID: VSP-071913-EFF

Lab ID#: 1307402-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072611**	**Date of Collection:**	**7/19/13 3:30:00 PM**
Dil. Factor:	**2.32**	**Date of Analysis:**	**7/26/13 03:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VSP-071913-MID CAR

Lab ID#: 1307402-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072612**	**Date of Collection:**	**7/19/13 3:35:00 PM**
Dil. Factor:	**2.32**	**Date of Analysis:**	**7/26/13 03:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: VSP-071913-POST OX

Lab ID#: 1307402-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072613**	**Date of Collection:**	**7/19/13 3:45:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**7/26/13 04:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VSP-071913-INF

Lab ID#: 1307402-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072615**	**Date of Collection:**	**7/19/13 4:00:00 PM**
Dil. Factor:	**448**	**Date of Analysis:**	**7/26/13 06:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	4200	720	13000
Toluene	220	7100	840	27000
Ethyl Benzene	220	390	970	1700
m,p-Xylene	220	45000	970	200000
o-Xylene	220	32000	970	140000
Tetrachloroethene	220	Not Detected	1500	Not Detected
Trichloroethene	220	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	220	30000	1100	140000
1,3,5-Trimethylbenzene	220	13000	1100	65000
TPH ref. to Gasoline (MW=100)	11000	2900000	46000	12000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VSP-071913-INF DUP

Lab ID#: 1307402-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072616**	**Date of Collection:**	**7/19/13 4:00:00 PM**
Dil. Factor:	**454**	**Date of Analysis:**	**7/26/13 07:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	230	4500	720	14000
Toluene	230	7500	860	28000
Ethyl Benzene	230	420	980	1800
m,p-Xylene	230	48000	980	210000
o-Xylene	230	34000	980	150000
Tetrachloroethene	230	Not Detected	1500	Not Detected
Trichloroethene	230	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	230	30000	1100	150000
1,3,5-Trimethylbenzene	230	14000	1100	68000
TPH ref. to Gasoline (MW=100)	11000	3100000	46000	13000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1307402-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/26/13 12:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1307402-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/26/13 11:00 AM**	

Compound	**%Recovery**
Benzene	86
Toluene	82
Ethyl Benzene	95
m,p-Xylene	96
o-Xylene	92
Tetrachloroethene	85
Trichloroethene	87
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: LCS

Lab ID#: 1307402-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/26/13 09:43 AM**	

Compound	**%Recovery**
Benzene	86
Toluene	81
Ethyl Benzene	92
m,p-Xylene	94
o-Xylene	91
Tetrachloroethene	83
Trichloroethene	86
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCSD

Lab ID#: 1307402-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2072604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/26/13 10:24 AM**	

Compound	**%Recovery**
Benzene	87
Toluene	81
Ethyl Benzene	92
m,p-Xylene	95
o-Xylene	92
Tetrachloroethene	84
Trichloroethene	86
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	93
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 965-9311 Fax: 480-9353

Project Info:
P.O. #:
Project #: ST01022.0023.00002
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-071913-EFF	12033	7/19/13	15:30	TO15 + TPH	-28.5	-2.0		
02A	VSP-071913-MID CAR	34592	↓	15:35	↓	-29.0	-2.0		
03A	VSP-071913-POST OX	34607	↓	15:45	↓	-28.5	-2.0		
04A	VSP-071913-INF	2107	↓	16:00	↓	-28.5	-2.0		
05A	VSP-071913-INF DUP	2113	↓	16:00	↓	-28.5	-2.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	7/20/13 15:45	Fed Ex Kinko's	7/20/13 15:45
		BW Nutcher ATL	7/22/13 1000

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No (None)	1307402

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9/17/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #: ST010022.0024.00001
Workorder #: 1308702

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 8/30/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Maria Barajas at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Maria Barajas

Maria Barajas

Project Manager

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WORK ORDER #: 1308702

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0024.00001
DATE RECEIVED:	08/30/2013	**CONTACT:**	KMEP/SILVERCROFT Maria Barajas
DATE COMPLETED:	09/17/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-082813-EFF	Modified TO-15	3.1 "Hg	15.2 psi
02A	VSP-082813-MID CAR	Modified TO-15	3.5 "Hg	14.8 psi
03A	VSP-082813-POST OX	Modified TO-15	3.3 "Hg	14.6 psi
04A	VSP-082813-INF	Modified TO-15	2.8 "Hg	14.7 psi
05A	Lab Blank	Modified TO-15	NA	NA
05B	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
06B	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA
07B	LCS	Modified TO-15	NA	NA
07BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 09/17/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1308702

Four 1 Liter Summa Canister samples were received on August 30, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

The Chain of Custody (COC) information for sample VSP-082813-MID CAR did not match the entry on the sample tag with regard to sample identification. The information on the COC was used to process and report the sample.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-082813-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-082813-EFF

Lab ID#: 1308702-01A

No Detections Were Found.

Client Sample ID: VSP-082813-MID CAR

Lab ID#: 1308702-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.1	1.3	4.3	5.0

Client Sample ID: VSP-082813-POST OX

Lab ID#: 1308702-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.1	6.2	4.2	24

Client Sample ID: VSP-082813-INF

Lab ID#: 1308702-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	130	2000	420	6400
Toluene	130	2700	490	10000
Ethyl Benzene	130	150	560	660
m,p-Xylene	130	21000	560	91000
o-Xylene	130	16000	560	68000
1,2,4-Trimethylbenzene	130	14000	640	68000
1,3,5-Trimethylbenzene	130	6800	640	33000
TPH ref. to Gasoline (MW=100)	6500	1900000	26000	7600000

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Client Sample ID: VSP-082813-EFF

Lab ID#: 1308702-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091017**	**Date of Collection:**	**8/28/13 2:30:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**9/10/13 08:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-082813-MID CAR

Lab ID#: 1308702-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091018**	**Date of Collection:**	**8/28/13 2:38:00 PM**
Dil. Factor:	**2.27**	**Date of Analysis:**	**9/10/13 09:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	1.3	4.3	5.0
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VSP-082813-POST OX

Lab ID#: 1308702-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091019**	**Date of Collection:**	**8/28/13 2:45:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**9/10/13 10:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	6.2	4.2	24
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VSP-082813-INF

Lab ID#: 1308702-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091120**	**Date of Collection:**	**8/28/13 2:52:00 PM**
Dil. Factor:	**260**	**Date of Analysis:**	**9/12/13 10:25 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	130	2000	420	6400
Toluene	130	2700	490	10000
Ethyl Benzene	130	150	560	660
m,p-Xylene	130	21000	560	91000
o-Xylene	130	16000	560	68000
Tetrachloroethene	130	Not Detected	880	Not Detected
Trichloroethene	130	Not Detected	700	Not Detected
1,2,4-Trimethylbenzene	130	14000	640	68000
1,3,5-Trimethylbenzene	130	6800	640	33000
TPH ref. to Gasoline (MW=100)	6500	1900000	26000	7600000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1308702-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/13 01:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1308702-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/11/13 02:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: CCV

Lab ID#: 1308702-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091004**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/13 11:13 AM**

Compound	**%Recovery**
Benzene	78
Toluene	78
Ethyl Benzene	79
m,p-Xylene	76
o-Xylene	76
Tetrachloroethene	79
Trichloroethene	81
1,2,4-Trimethylbenzene	77
1,3,5-Trimethylbenzene	74
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1308702-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091102**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/11/13 10:50 AM**

Compound	**%Recovery**
Benzene	78
Toluene	77
Ethyl Benzene	80
m,p-Xylene	78
o-Xylene	79
Tetrachloroethene	81
Trichloroethene	80
1,2,4-Trimethylbenzene	79
1,3,5-Trimethylbenzene	75
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCS

Lab ID#: 1308702-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/13 11:53 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	88	70-130
Toluene	85	70-130
Ethyl Benzene	85	70-130
m,p-Xylene	82	70-130
o-Xylene	82	70-130
Tetrachloroethene	88	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	78	70-130
1,3,5-Trimethylbenzene	78	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1308702-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/10/13 12:24 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	86	70-130
Toluene	84	70-130
Ethyl Benzene	88	70-130
m,p-Xylene	86	70-130
o-Xylene	85	70-130
Tetrachloroethene	86	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	84	70-130
1,3,5-Trimethylbenzene	82	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS

Lab ID#: 1308702-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/11/13 11:49 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	86	70-130
Toluene	86	70-130
Ethyl Benzene	88	70-130
m,p-Xylene	86	70-130
o-Xylene	86	70-130
Tetrachloroethene	88	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	87	70-130
1,3,5-Trimethylbenzene	83	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1308702-07BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2091104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/11/13 12:27 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	87	70-130
Toluene	85	70-130
Ethyl Benzene	87	70-130
m,p-Xylene	87	70-130
o-Xylene	86	70-130
Tetrachloroethene	88	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	81	70-130
1,3,5-Trimethylbenzene	81	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	101	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MATT TANI / MICHAEL NESKY
Company: ARCADIS-US Email: ARCADIS-US.COM
Address: 14201 N87th ST #125 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0224.00001
Project Name: KMEP / SILVERCROFT

Turn Around Time: ☒ Normal ☐ Rush ____ specify

Lab Use Only: Pressurized by: Date: Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-082813 - EFF	36408	8/28/13	14:30	TO 15 + TPH	-28.5	-1.0		
02A	VSP-082813 - MID CAR	2222	"	14:38	"	-26.5	-1.0		
03A	VSP-082813 - POST OX	12376	"	14:45	"	-21.0	-1.0		
04A	VSP-082813 - INF	35598	"	14:52	"	-21.0	-1.0		
	NOT USED / LOW VAC.	12373	8/28/13	---	NONE	-11.0	-11.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
Matt Tani	8/29/13 16:25	FED EX	8/29/13 16:25	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
		Katie Yuki	ATL 08/30/13 1030	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals (Intact?)	Work Order #
	fedex		NA	good	Yes No None	1308702

Form 1238 rev. 1

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9/30/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: STO10022.0024
Workorder #: 1309255

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 9/16/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1309255

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	STO10022.0024 KMEP/Silvercroft
DATE RECEIVED:	09/16/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	09/30/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-091213-EFF	Modified TO-15	4.0 "Hg	15 psi
02A	VSP-091213-MIDCAR	Modified TO-15	3.0 "Hg	15 psi
03A	VSP-091213-MIDCARDUP	Modified TO-15	2.5 "Hg	15 psi
04A	VSP-091213-POSTOX	Modified TO-15	3.0 "Hg	15 psi
05A	VSP-091213-INF	Modified TO-15	3.3 "Hg	14.7 psi
06A	Lab Blank	Modified TO-15	NA	NA
06B	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
07B	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA
08AA	LCSD	Modified TO-15	NA	NA
08B	LCS	Modified TO-15	NA	NA
08BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 09/30/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1309255

Five 1 Liter Summa Canister samples were received on September 16, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-091213-INF due to the presence of high level target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-091213-INF was outside laboratory control limits due to high level hydrocarbon matrix interference. The surrogate recovery is flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-091213-EFF

Lab ID#: 1309255-01A

No Detections Were Found.

Client Sample ID: VSP-091213-MIDCAR

Lab ID#: 1309255-02A

No Detections Were Found.

Client Sample ID: VSP-091213-MIDCARDUP

Lab ID#: 1309255-03A

No Detections Were Found.

Client Sample ID: VSP-091213-POSTOX

Lab ID#: 1309255-04A

No Detections Were Found.

Client Sample ID: VSP-091213-INF

Lab ID#: 1309255-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	56	2600	180	8500
Toluene	56	2900	210	11000
Ethyl Benzene	56	180	240	800
m,p-Xylene	56	27000	240	120000
o-Xylene	56	22000	240	98000
Tetrachloroethene	56	64	380	430
1,2,4-Trimethylbenzene	56	22000	280	110000
1,3,5-Trimethylbenzene	56	10000	280	50000
TPH ref. to Gasoline (MW=100)	1100	2200000	4600	9000000

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Client Sample ID: VSP-091213-EFF

Lab ID#: 1309255-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092411**	**Date of Collection:**	**9/12/13 6:50:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**9/24/13 03:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: VSP-091213-MIDCAR

Lab ID#: 1309255-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092412**	**Date of Collection:**	**9/12/13 6:55:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**9/24/13 04:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VSP-091213-MIDCARDUP

Lab ID#: 1309255-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092413**	**Date of Collection:**	**9/12/13 6:55:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**9/24/13 04:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	55	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: VSP-091213-POSTOX

Lab ID#: 1309255-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092414**	**Date of Collection:**	**9/12/13 7:05:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**9/24/13 05:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-091213-INF

Lab ID#: 1309255-05A

EPA METHOD TO-15 GC/MS

File Name:	**14092714**	**Date of Collection:**	**9/12/13 7:20:00 PM**
Dil. Factor:	**11.2**	**Date of Analysis:**	**9/27/13 07:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	56	2600	180	8500
Toluene	56	2900	210	11000
Ethyl Benzene	56	180	240	800
m,p-Xylene	56	27000	240	120000
o-Xylene	56	22000	240	98000
Tetrachloroethene	56	64	380	430
Trichloroethene	56	Not Detected	300	Not Detected
1,2,4-Trimethylbenzene	56	22000	280	110000
1,3,5-Trimethylbenzene	56	10000	280	50000
TPH ref. to Gasoline (MW=100)	1100	2200000	4600	9000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	175 Q	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1309255-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092407**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/13 11:53 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1309255-06B

EPA METHOD TO-15 GC/MS

File Name:	**14092706**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/13 03:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: CCV

Lab ID#: 1309255-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/13 09:18 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	99
Ethyl Benzene	102
m,p-Xylene	104
o-Xylene	103
Tetrachloroethene	98
Trichloroethene	96
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: CCV

Lab ID#: 1309255-07B

EPA METHOD TO-15 GC/MS

File Name:	**14092702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/13 01:53 PM**	

Compound	**%Recovery**
Benzene	99
Toluene	98
Ethyl Benzene	92
m,p-Xylene	92
o-Xylene	96
Tetrachloroethene	91
Trichloroethene	97
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCS

Lab ID#: 1309255-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/13 09:55 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	94	70-130
Ethyl Benzene	100	70-130
m,p-Xylene	104	70-130
o-Xylene	102	70-130
Tetrachloroethene	96	70-130
Trichloroethene	93	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3,5-Trimethylbenzene	107	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1309255-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p092404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/24/13 10:14 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	93	70-130
Ethyl Benzene	99	70-130
m,p-Xylene	102	70-130
o-Xylene	100	70-130
Tetrachloroethene	96	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	102	70-130
1,3,5-Trimethylbenzene	106	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCS

Lab ID#: 1309255-08B

EPA METHOD TO-15 GC/MS

File Name:	**14092703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/13 02:30 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	94	70-130
Toluene	91	70-130
Ethyl Benzene	86	70-130
m,p-Xylene	84	70-130
o-Xylene	87	70-130
Tetrachloroethene	85	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	90	70-130
1,3,5-Trimethylbenzene	94	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: LCSD

Lab ID#: 1309255-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14092704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/27/13 02:57 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	94	70-130
Toluene	90	70-130
Ethyl Benzene	86	70-130
m,p-Xylene	83	70-130
o-Xylene	85	70-130
Tetrachloroethene	84	70-130
Trichloroethene	92	70-130
1,2,4-Trimethylbenzene	90	70-130
1,3,5-Trimethylbenzene	93	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	96	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL LESTY
Collected by: (Print and Sign) MARK HAMMER MICHAEL.LESTY@
Company: ARCADIS-US Email: ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: 5T010022.0024
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
_____ specify

Lab Use Only
Pressurized by: BW
Date: 9/13/13
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
04A	VSP-091213-EFF	36483	9/12/13	18:50	TO15 + TPH	-27.5	-2	4.0 psi	15.2
03A	VSP-091213-MID CAR	36493		18:55		-28	-2	3.0 psi	
03A	VSP-091213-MID CAR DUP	8020		18:55		-28	-2	2.5 psi	
04A	VSP-091213-POST OX	34650		19:05		-27.5	-2	3.0 psi	
05A	VSP-091213-INF	AT9311		19:20		-28	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	9/13/13 13:40	FEDEX	9/13/13 13:40
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible]	9/16/13 0945
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		5°A	Good	Yes No (None)	1309255

Form 1263 rev 1

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11/1/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: ST010022.0024
Workorder #: 1310374

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 10/17/2013 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1310374

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	ST010022.0024 KMEP/Silvercroft
DATE RECEIVED:	10/17/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	11/01/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-101513-EFF	TO-15	3.2 "Hg	15 psi
02A	VSP-101513-MIDCAR	TO-15	4.0 "Hg	15 psi
03A	VSP-101513-MIDCAR DUP	TO-15	4.0 "Hg	15 psi
04A	VSP-101513-POST OX	TO-15	2.4 "Hg	15 psi
05A	VSP-101513-INF	TO-15	3.4 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 11/01/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1310374

Five 1 Liter Summa Canister samples were received on October 17, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-101513-INF due to the presence of high level target and non-target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-101513-INF was outside laboratory control limits due to high level hydrocarbon matrix interference. The surrogate recovery is flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-101513-EFF

Lab ID#: 1310374-01A

No Detections Were Found.

Client Sample ID: VSP-101513-MIDCAR

Lab ID#: 1310374-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	1.8	4.4	6.7
m,p-Xylene	1.2	1.6	5.0	6.9

Client Sample ID: VSP-101513-MIDCAR DUP

Lab ID#: 1310374-03A

No Detections Were Found.

Client Sample ID: VSP-101513-POST OX

Lab ID#: 1310374-04A

No Detections Were Found.

Client Sample ID: VSP-101513-INF

Lab ID#: 1310374-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	38	1800	120	5800
Toluene	38	2100	140	7800
Ethyl Benzene	38	160	160	720
m,p-Xylene	38	19000	160	83000
o-Xylene	38	16000	160	68000
Tetrachloroethene	38	76	260	520
1,2,4-Trimethylbenzene	38	16000	190	78000
1,3,5-Trimethylbenzene	38	8000	190	40000
TPH ref. to Gasoline (MW=100)	760	1700000	3100	7000000

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Client Sample ID: VSP-101513-EFF

Lab ID#: 1310374-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103015**	**Date of Collection:**	**10/15/13 5:15:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**10/31/13 07:42 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: VSP-101513-MIDCAR

Lab ID#: 1310374-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103018**	**Date of Collection:**	**10/15/13 5:20:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/31/13 09:56 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	1.8	4.4	6.7
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	1.6	5.0	6.9
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VSP-101513-MIDCAR DUP

Lab ID#: 1310374-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103016**	**Date of Collection:**	**10/15/13 5:20:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**10/31/13 08:35 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VSP-101513-POST OX

Lab ID#: 1310374-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103017**	**Date of Collection:**	**10/15/13 5:30:00 PM**
Dil. Factor:	**2.20**	**Date of Analysis:**	**10/31/13 09:24 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	55	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VSP-101513-INF

Lab ID#: 1310374-05A

EPA METHOD TO-15 GC/MS

File Name:	**14103013**	**Date of Collection: 10/15/13 5:35:00 PM**	
Dil. Factor:	**7.60**	**Date of Analysis: 10/30/13 02:00 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	38	1800	120	5800
Toluene	38	2100	140	7800
Ethyl Benzene	38	160	160	720
m,p-Xylene	38	19000	160	83000
o-Xylene	38	16000	160	68000
Tetrachloroethene	38	76	260	520
Trichloroethene	38	Not Detected	200	Not Detected
1,2,4-Trimethylbenzene	38	16000	190	78000
1,3,5-Trimethylbenzene	38	8000	190	40000
TPH ref. to Gasoline (MW=100)	760	1700000	3100	7000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	138 Q	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1310374-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 08:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1310374-06B

EPA METHOD TO-15 GC/MS

File Name:	**14103012**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 01:33 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 1310374-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 05:17 PM**	

Compound	**%Recovery**
Benzene	95
Toluene	90
Ethyl Benzene	95
m,p-Xylene	96
o-Xylene	96
Tetrachloroethene	99
Trichloroethene	96
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: CCV

Lab ID#: 1310374-07B

EPA METHOD TO-15 GC/MS

File Name:	**14103007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 10:40 AM**	

Compound	**%Recovery**
Benzene	84
Toluene	80
Ethyl Benzene	94
m,p-Xylene	96
o-Xylene	99
Tetrachloroethene	95
Trichloroethene	91
1,2,4-Trimethylbenzene	105
1,3,5-Trimethylbenzene	108
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS

Lab ID#: 1310374-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 05:58 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	104	70-130
Toluene	98	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	103	70-130
o-Xylene	99	70-130
Tetrachloroethene	105	70-130
Trichloroethene	106	70-130
1,2,4-Trimethylbenzene	101	70-130
1,3,5-Trimethylbenzene	103	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCSD

Lab ID#: 1310374-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3103004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 06:26 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	104	70-130
Toluene	97	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	103	70-130
o-Xylene	100	70-130
Tetrachloroethene	104	70-130
Trichloroethene	105	70-130
1,2,4-Trimethylbenzene	102	70-130
1,3,5-Trimethylbenzene	103	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1310374-08B

EPA METHOD TO-15 GC/MS

File Name:	**14103009**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 11:39 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	84	70-130
Toluene	78	70-130
Ethyl Benzene	91	70-130
m,p-Xylene	92	70-130
o-Xylene	93	70-130
Tetrachloroethene	90	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	98	70-130
1,3,5-Trimethylbenzene	102	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: LCSD

Lab ID#: 1310374-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14103010**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/30/13 12:22 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	83	70-130
Toluene	77	70-130
Ethyl Benzene	92	70-130
m,p-Xylene	93	70-130
o-Xylene	93	70-130
Tetrachloroethene	91	70-130
Trichloroethene	89	70-130
1,2,4-Trimethylbenzene	97	70-130
1,3,5-Trimethylbenzene	102	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company ARCADIS-US Email MICHAEL.NESKY@ARCADIS-US.COM
Address 14201 N 87th ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax 480 905-9353

Project Info:
P.O. #
Project # STD10022.0024
Project Name KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-101513-EFF	37417	10/15/13	17:15	TO15 + TPH	-29	-2		
02A	VSP-101513-MID CAR	34100	↓	17:20	↓	-29	-2		
03A	VSP-101513-MID CAR DUP	34591	↓	17:20	↓	-29	-2		
04A	VSP-101513-POST OX	37397	↓	17:30	↓	-28.5	-2		
05A	VSP-101513-INF	37310	↓	17:35	↓	-28	-2		

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Mark Hammer 10/16/13 12:15	FED EX 10/16/13 12:15
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
	Katie Dick ATL 10/17/13 0950
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	good	Yes No None	1310374

Form 1293 rev.11

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12/16/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #: ST010022.0024.00002
Workorder #: 1311474

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 11/25/2013 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1311474

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	ST010022.0024.00002
DATE RECEIVED:	11/25/2013	**CONTACT:**	KMEP/SILVERCROFT Kelly Buettner
DATE COMPLETED:	12/16/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-112113-EFF	TO-15	3.5 "Hg	14.9 psi
02A	VSP-112113-MID CAR	TO-15	3.7 "Hg	15.1 psi
03A	VSP-112113-MID CAR DUP	TO-15	3.7 "Hg	14.7 psi
04A	VSP-112113-POST OX	TO-15	3.3 "Hg	15.1 psi
05A	VSP-112113-INF	TO-15	3.1 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo DATE: 12/16/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1311474

Five 1 Liter Summa Canister samples were received on November 25, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-112113-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-112113-EFF

Lab ID#: 1311474-01A

No Detections Were Found.

Client Sample ID: VSP-112113-MID CAR

Lab ID#: 1311474-02A

No Detections Were Found.

Client Sample ID: VSP-112113-MID CAR DUP

Lab ID#: 1311474-03A

No Detections Were Found.

Client Sample ID: VSP-112113-POST OX

Lab ID#: 1311474-04A

No Detections Were Found.

Client Sample ID: VSP-112113-INF

Lab ID#: 1311474-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	110	1200	360	3800
Toluene	110	1200	420	4700
m,p-Xylene	110	10000	490	44000
o-Xylene	110	7500	490	33000
1,2,4-Trimethylbenzene	110	3900	550	19000
1,3,5-Trimethylbenzene	110	2800	550	14000
TPH ref. to Gasoline (MW=100)	5600	840000	23000	3400000

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Client Sample ID: VSP-112113-EFF

Lab ID#: 1311474-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121116**	**Date of Collection:**	**11/21/13 4:05:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**12/11/13 09:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	110	70-130

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Client Sample ID: VSP-112113-MID CAR

Lab ID#: 1311474-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121117**	**Date of Collection:**	**11/21/13 4:15:00 PM**
Dil. Factor:	**2.31**	**Date of Analysis:**	**12/11/13 09:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VSP-112113-MID CAR DUP

Lab ID#: 1311474-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121119**	**Date of Collection:**	**11/21/13 4:15:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**12/11/13 10:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: VSP-112113-POST OX

Lab ID#: 1311474-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121120**	**Date of Collection:**	**11/21/13 4:30:00 PM**
Dil. Factor:	**2.27**	**Date of Analysis:**	**12/11/13 10:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VSP-112113-INF

Lab ID#: 1311474-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121129**	**Date of Collection:**	**11/21/13 4:42:00 PM**
Dil. Factor:	**225**	**Date of Analysis:**	**12/12/13 12:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	110	1200	360	3800
Toluene	110	1200	420	4700
Ethyl Benzene	110	Not Detected	490	Not Detected
m,p-Xylene	110	10000	490	44000
o-Xylene	110	7500	490	33000
Tetrachloroethene	110	Not Detected	760	Not Detected
Trichloroethene	110	Not Detected	600	Not Detected
1,2,4-Trimethylbenzene	110	3900	550	19000
1,3,5-Trimethylbenzene	110	2800	550	14000
TPH ref. to Gasoline (MW=100)	5600	840000	23000	3400000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1311474-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121108**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/11/13 05:46 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: CCV

Lab ID#: 1311474-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121102**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 12/11/13 01:44 PM**

Compound	**%Recovery**
Benzene	97
Toluene	101
Ethyl Benzene	101
m,p-Xylene	100
o-Xylene	100
Tetrachloroethene	87
Trichloroethene	95
1,2,4-Trimethylbenzene	93
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCS

Lab ID#: 1311474-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/11/13 02:19 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	96	70-130
Toluene	96	70-130
Ethyl Benzene	94	70-130
m,p-Xylene	96	70-130
o-Xylene	94	70-130
Tetrachloroethene	85	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	88	70-130
1,3,5-Trimethylbenzene	94	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: LCSD

Lab ID#: 1311474-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j121104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/11/13 02:51 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	96	70-130
Toluene	96	70-130
Ethyl Benzene	96	70-130
m,p-Xylene	98	70-130
o-Xylene	94	70-130
Tetrachloroethene	87	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	89	70-130
1,3,5-Trimethylbenzene	96	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	107	70-130

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Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hot line (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY

Collected by: (Print and Sign) MARK HAMMER / MICHAEL NESKY

Company: ARCADIS-US Email: ARCADIS-US.COM

Address: 4201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260

Phone: 480 905-9311 Fax: 480 905-9353

Project Info:

P.O. #:

Project #: ST01002.0024.0002

Project Name: KMEP / SILVERCROFT

Turn Around Time:

☒ Normal

☐ Rush

Lab Use Only: Pressurized by: Date: Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psig)
01A	VSP-112113-EFF	35602	11/21/13	16:05	TO-15 + TPH	-29	-2		
02A	VSP-112113-MIDCAR	24402	↓	16:15	↓	-28	-2		
03A	VSP-112113-MIDCAR DUP	34093	↓	16:15	↓	-29	-2		
04A	VSP-112113-POST OX	37410	↓	16:30	↓	-28	-2		
05A	VSP-112113-INF	1002	↓	16:42	↓	-25	-1		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	11/22/13 13:20	FEDEX KINKOS	11/22/13 13:20
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible] ATL	11/25/13 1000
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		N/A	Good	Yes No None	1311474

Form 1203 rev 1

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12/31/2013
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP /SILVERCROFT
Project #: ST010022.0024.00001
Workorder #: 1312242

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 12/13/2013 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1312242

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0017
FAX:	480-905-9353	**PROJECT #**	ST010022.0024.00001 KMEP /SILVERCROFT
DATE RECEIVED:	12/13/2013	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	12/31/2013		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-121213-EFF	TO-15	3.3 "Hg	15 psi
02A	VSP-121213-MID CAR	TO-15	2.6 "Hg	15.1 psi
03A	VSP-121213-POST OX	TO-15	1.8 "Hg	14.7 psi
04A	VSP-121213-INF	TO-15	2.8 "Hg	14.8 psi
05A	VSP-121213-INF DUP	TO-15	3.1 "Hg	15.2 psi
06A	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 12/31/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1312242

Five 1 Liter Summa Canister samples were received on December 13, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-121213-INF and VSP-121213-INF DUP due to the presence of high level target and non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-121213-EFF

Lab ID#: 1312242-01A

No Detections Were Found.

Client Sample ID: VSP-121213-MID CAR

Lab ID#: 1312242-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	56	94	230	380

Client Sample ID: VSP-121213-POST OX

Lab ID#: 1312242-03A

No Detections Were Found.

Client Sample ID: VSP-121213-INF

Lab ID#: 1312242-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	440	63000	1400	200000
Toluene	440	82000	1700	310000
Ethyl Benzene	440	2600	1900	11000
m,p-Xylene	440	37000	1900	160000
o-Xylene	440	21000	1900	92000
1,2,4-Trimethylbenzene	440	4300	2200	21000
1,3,5-Trimethylbenzene	440	4000	2200	20000
TPH ref. to Gasoline (MW=100)	22000	5400000	91000	22000000

Client Sample ID: VSP-121213-INF DUP

Lab ID#: 1312242-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	450	64000	1400	200000
Toluene	450	82000	1700	310000
Ethyl Benzene	450	2600	2000	11000
m,p-Xylene	450	36000	2000	160000
o-Xylene	450	20000	2000	87000

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-121213-INF DUP

Lab ID#: 1312242-05A

1,2,4-Trimethylbenzene	450	4000	2200	19000
1,3,5-Trimethylbenzene	450	3200	2200	16000
TPH ref. to Gasoline (MW=100)	23000	5600000	92000	23000000

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Client Sample ID: VSP-121213-EFF

Lab ID#: 1312242-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122409**	**Date of Collection:**	**12/12/13 3:00:00 PM**
Dil. Factor:	**2.27**	**Date of Analysis:**	**12/24/13 01:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VSP-121213-MID CAR

Lab ID#: 1312242-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122410**	**Date of Collection:**	**12/12/13 3:07:00 PM**
Dil. Factor:	**2.22**	**Date of Analysis:**	**12/24/13 02:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.5	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
TPH ref. to Gasoline (MW=100)	56	94	230	380

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VSP-121213-POST OX

Lab ID#: 1312242-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122416**	**Date of Collection:**	**12/12/13 3:17:00 PM**
Dil. Factor:	**2.13**	**Date of Analysis:**	**12/24/13 05:16 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.4	Not Detected
Toluene	1.1	Not Detected	4.0	Not Detected
Ethyl Benzene	1.1	Not Detected	4.6	Not Detected
m,p-Xylene	1.1	Not Detected	4.6	Not Detected
o-Xylene	1.1	Not Detected	4.6	Not Detected
Tetrachloroethene	1.1	Not Detected	7.2	Not Detected
Trichloroethene	1.1	Not Detected	5.7	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.2	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.2	Not Detected
TPH ref. to Gasoline (MW=100)	53	Not Detected	220	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: VSP-121213-INF

Lab ID#: 1312242-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122412**	**Date of Collection:**	**12/12/13 3:30:00 PM**
Dil. Factor:	**888**	**Date of Analysis:**	**12/24/13 03:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	440	63000	1400	200000
Toluene	440	82000	1700	310000
Ethyl Benzene	440	2600	1900	11000
m,p-Xylene	440	37000	1900	160000
o-Xylene	440	21000	1900	92000
Tetrachloroethene	440	Not Detected	3000	Not Detected
Trichloroethene	440	Not Detected	2400	Not Detected
1,2,4-Trimethylbenzene	440	4300	2200	21000
1,3,5-Trimethylbenzene	440	4000	2200	20000
TPH ref. to Gasoline (MW=100)	22000	5400000	91000	22000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: VSP-121213-INF DUP

Lab ID#: 1312242-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122413**	**Date of Collection:**	**12/12/13 3:30:00 PM**
Dil. Factor:	**904**	**Date of Analysis:**	**12/24/13 03:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	450	64000	1400	200000
Toluene	450	82000	1700	310000
Ethyl Benzene	450	2600	2000	11000
m,p-Xylene	450	36000	2000	160000
o-Xylene	450	20000	2000	87000
Tetrachloroethene	450	Not Detected	3100	Not Detected
Trichloroethene	450	Not Detected	2400	Not Detected
1,2,4-Trimethylbenzene	450	4000	2200	19000
1,3,5-Trimethylbenzene	450	3200	2200	16000
TPH ref. to Gasoline (MW=100)	23000	5600000	92000	23000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1312242-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122407**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/24/13 12:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: CCV

Lab ID#: 1312242-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/24/13 09:41 AM**	

Compound	**%Recovery**
Benzene	95
Toluene	100
Ethyl Benzene	96
m,p-Xylene	96
o-Xylene	96
Tetrachloroethene	87
Trichloroethene	92
1,2,4-Trimethylbenzene	89
1,3,5-Trimethylbenzene	95
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCS

Lab ID#: 1312242-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/24/13 10:11 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	100	70-130
Toluene	102	70-130
Ethyl Benzene	99	70-130
m,p-Xylene	97	70-130
o-Xylene	98	70-130
Tetrachloroethene	88	70-130
Trichloroethene	96	70-130
1,2,4-Trimethylbenzene	90	70-130
1,3,5-Trimethylbenzene	98	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	110	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: LCSD

Lab ID#: 1312242-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j122404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/24/13 10:38 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	100	70-130
Ethyl Benzene	96	70-130
m,p-Xylene	96	70-130
o-Xylene	95	70-130
Tetrachloroethene	88	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	88	70-130
1,3,5-Trimethylbenzene	96	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	107	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #
Project # ST010022.0024.00001
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-121213-EFF	30822	12/12/13	15:00	TO 15 + TPH	-28	-2		
02A	VSP-121213-MID CAR	9318	↓	15:07	↓	-28	-2		
03A	VSP-121213-POST OX	94933		15:17		-27	-1		
04A	VSP-121213-INF	9378		15:30		-28	-2		
05A	VSP-121213-INF DUP	9516	↓	15:30	↓	-28	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/12/13 16:00	FEDEX	12/12/13 16:00
		B. Mitchell AR	12/13/13 1035

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No None	1312242

Form 1293 rev.11

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3/3/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #: ST010022.0027.00002
Workorder #: 1402201

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 2/14/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1402201

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0027.00002
DATE RECEIVED:	02/14/2014	**CONTACT:**	KMEP/SILVERCROFT Kelly Buettner
DATE COMPLETED:	03/03/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-021114-EFF	TO-15	4.5 "Hg	15 psi
02A	VSP-021114-MID CARB	TO-15	3.5 "Hg	15 psi
03A	VSP-021114-POST OX	TO-15	5.0 "Hg	15 psi
04A	VSP-021114-INF	TO-15	4.5 "Hg	15 psi
05A	VSP-021114-INF DUP	TO-15	4.5 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 03/03/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1402201

Five 1 Liter Summa Canister samples were received on February 14, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-021114-INF and VSP-021114-INF DUP due to the presence of high level target species.

The recovery of surrogate 1,2-Dichloroethane-d4 in sample VSP-021114-INF was outside laboratory control limits due to high level hydrocarbon matrix interference. The surrogate recovery is flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-021114-EFF

Lab ID#: 1402201-01A

No Detections Were Found.

Client Sample ID: VSP-021114-MID CARB

Lab ID#: 1402201-02A

No Detections Were Found.

Client Sample ID: VSP-021114-POST OX

Lab ID#: 1402201-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
m,p-Xylene	1.2	1.8	5.2	7.8

Client Sample ID: VSP-021114-INF

Lab ID#: 1402201-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	27000	950	88000
Toluene	300	120000	1100	450000
Ethyl Benzene	300	16000	1300	70000
m,p-Xylene	300	140000	1300	600000
o-Xylene	300	63000	1300	280000
Tetrachloroethene	300	380	2000	2600
1,2,4-Trimethylbenzene	300	24000	1500	120000
1,3,5-Trimethylbenzene	300	11000	1500	53000
TPH ref. to Gasoline (MW=100)	6000	2800000	24000	11000000

Client Sample ID: VSP-021114-INF DUP

Lab ID#: 1402201-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	27000	950	86000
Toluene	300	120000	1100	440000
Ethyl Benzene	300	16000	1300	69000
m,p-Xylene	300	140000	1300	590000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-021114-INF DUP

Lab ID#: 1402201-05A

o-Xylene	300	62000	1300	270000
1,2,4-Trimethylbenzene	300	24000	1500	120000
1,3,5-Trimethylbenzene	300	11000	1500	53000
TPH ref. to Gasoline (MW=100)	6000	2800000	24000	11000000

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Client Sample ID: VSP-021114-EFF

Lab ID#: 1402201-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021923**	**Date of Collection:**	**2/11/14 4:20:00 PM**
Dil. Factor:	**2.38**	**Date of Analysis:**	**2/19/14 09:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	83	70-130

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Client Sample ID: VSP-021114-MID CARB

Lab ID#: 1402201-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021924**	**Date of Collection:**	**2/11/14 4:27:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**2/19/14 10:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	83	70-130

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Client Sample ID: VSP-021114-POST OX

Lab ID#: 1402201-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021925**	**Date of Collection:**	**2/11/14 4:35:00 PM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**2/19/14 10:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	1.8	5.2	7.8
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	83	70-130

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Client Sample ID: VSP-021114-INF

Lab ID#: 1402201-04A

EPA METHOD TO-15 GC/MS

File Name:	**14022623**	**Date of Collection:**	**2/11/14 4:42:00 PM**
Dil. Factor:	**59.5**	**Date of Analysis:**	**2/26/14 09:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	27000	950	88000
Toluene	300	120000	1100	450000
Ethyl Benzene	300	16000	1300	70000
m,p-Xylene	300	140000	1300	600000
o-Xylene	300	63000	1300	280000
Tetrachloroethene	300	380	2000	2600
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	24000	1500	120000
1,3,5-Trimethylbenzene	300	11000	1500	53000
TPH ref. to Gasoline (MW=100)	6000	2800000	24000	11000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	145 Q	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-021114-INF DUP

Lab ID#: 1402201-05A

EPA METHOD TO-15 GC/MS

File Name:	**14022624**	**Date of Collection:**	**2/11/14 4:42:00 PM**
Dil. Factor:	**59.5**	**Date of Analysis:**	**2/26/14 10:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	27000	950	86000
Toluene	300	120000	1100	440000
Ethyl Benzene	300	16000	1300	69000
m,p-Xylene	300	140000	1300	590000
o-Xylene	300	62000	1300	270000
Tetrachloroethene	300	Not Detected	2000	Not Detected
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	24000	1500	120000
1,3,5-Trimethylbenzene	300	11000	1500	53000
TPH ref. to Gasoline (MW=100)	6000	2800000	24000	11000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	125	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1402201-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021907**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/19/14 10:49 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	83	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1402201-06B

EPA METHOD TO-15 GC/MS

File Name:	**14022607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/26/14 01:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 1402201-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021902**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 2/19/14 07:04 AM**

Compound	**%Recovery**
Benzene	103
Toluene	94
Ethyl Benzene	104
m,p-Xylene	98
o-Xylene	99
Tetrachloroethene	89
Trichloroethene	92
1,2,4-Trimethylbenzene	83
1,3,5-Trimethylbenzene	92
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	87	70-130
4-Bromofluorobenzene	86	70-130

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Client Sample ID: CCV

Lab ID#: 1402201-07B

EPA METHOD TO-15 GC/MS

File Name:	**14022602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/26/14 10:31 AM**	

Compound	**%Recovery**
Benzene	110
Toluene	110
Ethyl Benzene	116
m,p-Xylene	117
o-Xylene	117
Tetrachloroethene	114
Trichloroethene	109
1,2,4-Trimethylbenzene	124
1,3,5-Trimethylbenzene	124
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCS

Lab ID#: 1402201-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/19/14 07:40 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	105	70-130
Toluene	96	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	100	70-130
o-Xylene	98	70-130
Tetrachloroethene	91	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	85	70-130
1,3,5-Trimethylbenzene	93	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: LCSD

Lab ID#: 1402201-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**j021904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/19/14 08:32 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	106	70-130
Toluene	94	70-130
Ethyl Benzene	102	70-130
m,p-Xylene	99	70-130
o-Xylene	97	70-130
Tetrachloroethene	90	70-130
Trichloroethene	92	70-130
1,2,4-Trimethylbenzene	83	70-130
1,3,5-Trimethylbenzene	92	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: LCS

Lab ID#: 1402201-08B

EPA METHOD TO-15 GC/MS

File Name:	**14022603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/26/14 11:20 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	112	70-130
Toluene	110	70-130
Ethyl Benzene	110	70-130
m,p-Xylene	110	70-130
o-Xylene	111	70-130
Tetrachloroethene	114	70-130
Trichloroethene	112	70-130
1,2,4-Trimethylbenzene	118	70-130
1,3,5-Trimethylbenzene	122	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCSD

Lab ID#: 1402201-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14022604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/26/14 11:46 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	111	70-130
Toluene	109	70-130
Ethyl Benzene	110	70-130
m,p-Xylene	109	70-130
o-Xylene	108	70-130
Tetrachloroethene	111	70-130
Trichloroethene	109	70-130
1,2,4-Trimethylbenzene	115	70-130
1,3,5-Trimethylbenzene	121	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MATT TANI / Matt Tani
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #
Project #: ST010022.0027.00002
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-021114-EFF	36505	2/11/14	16:20 ~~16:42 MM~~	TO 15 + TPH	-27.5	-2		
MM	~~VSP-021114-EFF DUP~~	~~12802~~		~~16:20 16:42 MM~~		-27	-2		
02A	VSP-021114-MID CARB	34655		16:27		-26.5	-1		
03A	VSP-021114-POST OX	35622		16:35		-26	-2		
04A	VSP-021114-INF	37663 ~~44 MM~~	2/11/14	16:42 ~~16:42 MM~~		-27	-2		
JC 2/14/14	~~05~~ ~~VSP-021114-EFF DUP MM~~								
05A	VSP-021114-INF DUP	12802	2/11/14	16:42		-27	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Matt Tani	2/13/14 13:40	FEDEX	2/13/14 13:40
		[illegible]	2/14/14 1000

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		[illegible]	Good	Yes No None	1402201

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Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER
Company: ARCADIS-US Email:
Address: 4201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0027.00002
Project Name: KMEP/SILVERCROFT

Turn Around Time:
❑ Normal
❑ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
	NOT USED	37671			NONE				
		15752							
		37686							
		36569				-21.5	-21.5		
		36458				-20.5	-20.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	2/13/14 —	FedEx	2/13/14 —
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible]	2/14/14 1000
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
THESE ARE A MIX OF THE TWO ORDERS, PLEASE SEE PACKING SLIPS.
Mark Hammer

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NJ	Good	Yes No None	1402201

Form 1293 rev.11

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3/29/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/ Silvercroft
Project #: ST010022.0027
Workorder #: 1403303

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 3/17/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1403303

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0027 KMEP/ Silvercroft
DATE RECEIVED:	03/17/2014	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	03/29/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-031414-EFF	TO-15	4.3 "Hg	14.8 psi
02A	VSP-031414-MIDCRB	TO-15	3.7 "Hg	15 psi
03A	VSP-031414-POST OX	TO-15	3.9 "Hg	15.2 psi
04A	VSP-031414-INF	TO-15	4.1 "Hg	15.1 psi
05A	Lab Blank	TO-15	NA	NA
05B	Lab Blank	TO-15	NA	NA
06A	CCV	TO-15	NA	NA
06B	CCV	TO-15	NA	NA
07A	LCS	TO-15	NA	NA
07AA	LCSD	TO-15	NA	NA
07B	LCS	TO-15	NA	NA
07BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 03/29/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1403303

Four 1 Liter Summa Canister samples were received on March 17, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-031414-INF due to the presence of high level target and non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-031414-EFF

Lab ID#: 1403303-01A

No Detections Were Found.

Client Sample ID: VSP-031414-MIDCRB

Lab ID#: 1403303-02A

No Detections Were Found.

Client Sample ID: VSP-031414-POST OX

Lab ID#: 1403303-03A

No Detections Were Found.

Client Sample ID: VSP-031414-INF

Lab ID#: 1403303-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	590	16000	1900	52000
Toluene	590	84000	2200	320000
Ethyl Benzene	590	16000	2600	72000
m,p-Xylene	590	180000	2600	800000
o-Xylene	590	87000	2600	380000
1,2,4-Trimethylbenzene	590	33000	2900	160000
1,3,5-Trimethylbenzene	590	15000	2900	73000
TPH ref. to Gasoline (MW=100)	12000	5400000	48000	22000000

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Client Sample ID: VSP-031414-EFF

Lab ID#: 1403303-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032410**	**Date of Collection:**	**3/14/14 10:40:00 AM**
Dil. Factor:	**2.34**	**Date of Analysis:**	**3/24/14 06:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-031414-MIDCRB

Lab ID#: 1403303-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032411**	**Date of Collection:**	**3/14/14 10:47:00 AM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**3/24/14 07:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VSP-031414-POST OX

Lab ID#: 1403303-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032412**	**Date of Collection:**	**3/14/14 10:58:00 AM**
Dil. Factor:	**2.34**	**Date of Analysis:**	**3/24/14 07:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VSP-031414-INF

Lab ID#: 1403303-04A

EPA METHOD TO-15 GC/MS

File Name:	**14032631**	**Date of Collection:**	**3/14/14 11:15:00 AM**
Dil. Factor:	**118**	**Date of Analysis:**	**3/27/14 07:21 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	590	16000	1900	52000
Toluene	590	84000	2200	320000
Ethyl Benzene	590	16000	2600	72000
m,p-Xylene	590	180000	2600	800000
o-Xylene	590	87000	2600	380000
Tetrachloroethene	590	Not Detected	4000	Not Detected
Trichloroethene	590	Not Detected	3200	Not Detected
1,2,4-Trimethylbenzene	590	33000	2900	160000
1,3,5-Trimethylbenzene	590	15000	2900	73000
TPH ref. to Gasoline (MW=100)	12000	5400000	48000	22000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1403303-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/14 02:36 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1403303-05B

EPA METHOD TO-15 GC/MS

File Name:	**14032607**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/14 11:36 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: CCV

Lab ID#: 1403303-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/14 12:07 PM**	

Compound	**%Recovery**
Benzene	92
Toluene	92
Ethyl Benzene	97
m,p-Xylene	99
o-Xylene	97
Tetrachloroethene	94
Trichloroethene	96
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: CCV

Lab ID#: 1403303-06B

EPA METHOD TO-15 GC/MS

File Name:	**14032603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/14 09:09 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	99
Ethyl Benzene	107
m,p-Xylene	110
o-Xylene	109
Tetrachloroethene	104
Trichloroethene	100
1,2,4-Trimethylbenzene	113
1,3,5-Trimethylbenzene	113
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCS

Lab ID#: 1403303-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/14 12:39 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	101	70-130
Toluene	99	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	107	70-130
o-Xylene	102	70-130
Tetrachloroethene	99	70-130
Trichloroethene	102	70-130
1,2,4-Trimethylbenzene	101	70-130
1,3,5-Trimethylbenzene	101	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCSD

Lab ID#: 1403303-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2032404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/24/14 01:10 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	100	70-130
Toluene	98	70-130
Ethyl Benzene	102	70-130
m,p-Xylene	105	70-130
o-Xylene	101	70-130
Tetrachloroethene	100	70-130
Trichloroethene	101	70-130
1,2,4-Trimethylbenzene	96	70-130
1,3,5-Trimethylbenzene	97	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCS

Lab ID#: 1403303-07B

EPA METHOD TO-15 GC/MS

File Name:	**14032604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/14 09:36 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	101	70-130
Toluene	98	70-130
Ethyl Benzene	105	70-130
m,p-Xylene	107	70-130
o-Xylene	106	70-130
Tetrachloroethene	103	70-130
Trichloroethene	101	70-130
1,2,4-Trimethylbenzene	112	70-130
1,3,5-Trimethylbenzene	113	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCSD

Lab ID#: 1403303-07BB

EPA METHOD TO-15 GC/MS

File Name:	**14032605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/26/14 10:08 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	100	70-130
Toluene	97	70-130
Ethyl Benzene	101	70-130
m,p-Xylene	105	70-130
o-Xylene	104	70-130
Tetrachloroethene	100	70-130
Trichloroethene	99	70-130
1,2,4-Trimethylbenzene	108	70-130
1,3,5-Trimethylbenzene	107	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

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Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) M. Tani / M. Tani
Company: Arcadis Email: on file
Address: 14201 N. 87th St, 135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9358

Project Info:
P.O. #:
Project #: ST010022.0027
Project Name: KMEP/Silvercroft

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-031414-EFF	37362	3/14/14	1040	TO15 (+ TPH)	-27	-2		
02A	VSP-031414-MIDCRB	35665	↓	1047	↓	-27.5	-2		
03A	VSP-031414-POST OX	33649	↓	1058	↓	-27.5	-2		
04A	VSP-031414-INF	20778	↓	1115	↓	-27	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tani	3/14/14 1605	Ship N Mail Express	1605 3/14/14
		ATL	03/17/14 0940

Notes: DID NOT USE CAN ##: 37405 (Low psi) No Dup!

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex	8742 0120 4658	NA	Good	Yes No None	1403303

Form 1293 rev.11

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4/23/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: SILVERCROFT
Project #: ST010022.0027.00002
Workorder #: 1404177

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 4/10/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1404177

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0027.00002 SILVERCROFT
DATE RECEIVED:	04/10/2014	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	04/23/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-040814-EFF	TO-15	3.9 "Hg	15.3 psi
02A	VSP-040814-MID CAR	TO-15	4.1 "Hg	14.9 psi
03A	VSP-040814-POST OX	TO-15	3.5 "Hg	11.8 psi
04A	VSP-040814-INF	TO-15	3.3 "Hg	14.8 psi
05A	VSP-040814-INF DUP	TO-15	3.3 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 04/23/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1404177

Five 1 Liter Summa Canister samples were received on April 10, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-040814-INF and VSP-040814-INF DUP due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-040814-EFF

Lab ID#: 1404177-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	1.2	1.5	6.3	7.8

Client Sample ID: VSP-040814-MID CAR

Lab ID#: 1404177-02A

No Detections Were Found.

Client Sample ID: VSP-040814-POST OX

Lab ID#: 1404177-03A

No Detections Were Found.

Client Sample ID: VSP-040814-INF

Lab ID#: 1404177-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	8800	900	28000
Toluene	280	49000	1100	180000
Ethyl Benzene	280	17000	1200	72000
m,p-Xylene	280	190000	1200	830000
o-Xylene	280	94000	1200	410000
1,2,4-Trimethylbenzene	280	50000	1400	240000
1,3,5-Trimethylbenzene	280	20000	1400	98000
TPH ref. to Gasoline (MW=100)	5600	4200000	23000	17000000

Client Sample ID: VSP-040814-INF DUP

Lab ID#: 1404177-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	9200	910	29000
Toluene	280	51000	1100	190000
Ethyl Benzene	280	17000	1200	74000
m,p-Xylene	280	190000	1200	840000
o-Xylene	280	94000	1200	410000

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-040814-INF DUP

Lab ID#: 1404177-05A

1,2,4-Trimethylbenzene	280	48000	1400	230000
1,3,5-Trimethylbenzene	280	20000	1400	96000
TPH ref. to Gasoline (MW=100)	5700	4400000	23000	18000000

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Client Sample ID: VSP-040814-EFF

Lab ID#: 1404177-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041412**	**Date of Collection:**	**4/8/14 5:30:00 PM**
Dil. Factor:	**2.34**	**Date of Analysis:**	**4/14/14 03:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	1.5	6.3	7.8
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: VSP-040814-MID CAR

Lab ID#: 1404177-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041414**	**Date of Collection:**	**4/8/14 5:40:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**4/14/14 04:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-040814-POST OX

Lab ID#: 1404177-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041413**	**Date of Collection:**	**4/8/14 5:50:00 PM**
Dil. Factor:	**2.04**	**Date of Analysis:**	**4/14/14 03:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.0	Not Detected	3.2	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
Ethyl Benzene	1.0	Not Detected	4.4	Not Detected
m,p-Xylene	1.0	Not Detected	4.4	Not Detected
o-Xylene	1.0	Not Detected	4.4	Not Detected
Tetrachloroethene	1.0	Not Detected	6.9	Not Detected
Trichloroethene	1.0	Not Detected	5.5	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	5.0	Not Detected
TPH ref. to Gasoline (MW=100)	51	Not Detected	210	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-040814-INF

Lab ID#: 1404177-04A

EPA METHOD TO-15 GC/MS

File Name:	**14042210**	**Date of Collection:**	**4/8/14 6:00:00 PM**
Dil. Factor:	**56.4**	**Date of Analysis:**	**4/22/14 12:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	8800	900	28000
Toluene	280	49000	1100	180000
Ethyl Benzene	280	17000	1200	72000
m,p-Xylene	280	190000	1200	830000
o-Xylene	280	94000	1200	410000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	50000	1400	240000
1,3,5-Trimethylbenzene	280	20000	1400	98000
TPH ref. to Gasoline (MW=100)	5600	4200000	23000	17000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: VSP-040814-INF DUP

Lab ID#: 1404177-05A

EPA METHOD TO-15 GC/MS

File Name:	**14042211**	**Date of Collection:**	**4/8/14 6:00:00 PM**
Dil. Factor:	**56.8**	**Date of Analysis:**	**4/22/14 01:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	9200	910	29000
Toluene	280	51000	1100	190000
Ethyl Benzene	280	17000	1200	74000
m,p-Xylene	280	190000	1200	840000
o-Xylene	280	94000	1200	410000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	48000	1400	230000
1,3,5-Trimethylbenzene	280	20000	1400	96000
TPH ref. to Gasoline (MW=100)	5700	4400000	23000	18000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1404177-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041407**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/14/14 11:45 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1404177-06B

EPA METHOD TO-15 GC/MS

File Name:	**14042206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/14 10:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	85	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV

Lab ID#: 1404177-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/14/14 08:33 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	104
Ethyl Benzene	109
m,p-Xylene	110
o-Xylene	111
Tetrachloroethene	99
Trichloroethene	91
1,2,4-Trimethylbenzene	117
1,3,5-Trimethylbenzene	118
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: CCV

Lab ID#: 1404177-07B

EPA METHOD TO-15 GC/MS

File Name:	**14042202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/14 08:33 AM**	

Compound	**%Recovery**
Benzene	88
Toluene	92
Ethyl Benzene	110
m,p-Xylene	113
o-Xylene	114
Tetrachloroethene	110
Trichloroethene	94
1,2,4-Trimethylbenzene	122
1,3,5-Trimethylbenzene	119
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	82	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS

Lab ID#: 1404177-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/14/14 09:24 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	89	70-130
Toluene	102	70-130
Ethyl Benzene	104	70-130
m,p-Xylene	106	70-130
o-Xylene	107	70-130
Tetrachloroethene	97	70-130
Trichloroethene	92	70-130
1,2,4-Trimethylbenzene	113	70-130
1,3,5-Trimethylbenzene	115	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCSD

Lab ID#: 1404177-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3041404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/14/14 09:43 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	87	70-130
Toluene	101	70-130
Ethyl Benzene	102	70-130
m,p-Xylene	104	70-130
o-Xylene	103	70-130
Tetrachloroethene	96	70-130
Trichloroethene	89	70-130
1,2,4-Trimethylbenzene	112	70-130
1,3,5-Trimethylbenzene	112	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1404177-08B

EPA METHOD TO-15 GC/MS

File Name:	**14042203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/14 08:58 AM**	

Compound	%Recovery	Method Limits
Benzene	87	70-130
Toluene	90	70-130
Ethyl Benzene	101	70-130
m,p-Xylene	104	70-130
o-Xylene	103	70-130
Tetrachloroethene	102	70-130
Trichloroethene	93	70-130
1,2,4-Trimethylbenzene	111	70-130
1,3,5-Trimethylbenzene	109	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	81	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 1404177-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14042204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/22/14 09:21 AM**	

Compound	%Recovery	Method Limits
Benzene	86	70-130
Toluene	88	70-130
Ethyl Benzene	97	70-130
m,p-Xylene	103	70-130
o-Xylene	101	70-130
Tetrachloroethene	101	70-130
Trichloroethene	93	70-130
1,2,4-Trimethylbenzene	111	70-130
1,3,5-Trimethylbenzene	108	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	83	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	106	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #
Project # PT010022.0027.00002
Project Name: SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-040814-EFF	21025	4/8/14	17:30	TO15 + TPH	28.5	-2		
02A	VSP-040814-MID CAR	37699	↓	17:40	↓	28.5	-2		
03A	VSP-040814-POST OX	37308		17:50		28.5	-2		
04A	VSP-040814-INF	37322		18:00		28.5	-2		
05A	VSP-040814-INF DUP	36374	↓	18:00	↓	28.5	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	4/9/14 13:35	FedEx	4/9/14 13:35
		[illegible]	4/10/14 1035

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No None	1404177

Form 1293 rev.11

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5/28/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/ SILVERCROFT
Project #: ST010022.0028.00002
Workorder #: 1405240

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 5/13/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1405240

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0028.00002 KMEP/ SILVERCROFT
DATE RECEIVED:	05/13/2014	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	05/28/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-050914-EFF	TO-15	3.0 "Hg	15 psi
02A	VSP-050914-MID CAR	TO-15	3.5 "Hg	15 psi
03A	VSP-050914-POST OX	TO-15	3.5 "Hg	15 psi
04A	VSP-050914-INF	TO-15	3.5 "Hg	15 psi
05A	Lab Blank	TO-15	NA	NA
05B	Lab Blank	TO-15	NA	NA
06A	CCV	TO-15	NA	NA
06B	CCV	TO-15	NA	NA
07A	LCS	TO-15	NA	NA
07AA	LCSD	TO-15	NA	NA
07B	LCS	TO-15	NA	NA
07BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 05/28/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1405240

Four 1 Liter Summa Canister samples were received on May 13, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-050914-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-050914-EFF

Lab ID#: 1405240-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.1	1.4	4.2	5.4
m,p-Xylene	1.1	1.3	4.9	5.8

Client Sample ID: VSP-050914-MID CAR

Lab ID#: 1405240-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
TPH ref. to Gasoline (MW=100)	57	140	230	570

Client Sample ID: VSP-050914-POST OX

Lab ID#: 1405240-03A

No Detections Were Found.

Client Sample ID: VSP-050914-INF

Lab ID#: 1405240-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	460	5700	1500	18000
Toluene	460	18000	1700	68000
Ethyl Benzene	460	4100	2000	18000
m,p-Xylene	460	55000	2000	240000
o-Xylene	460	26000	2000	110000
1,2,4-Trimethylbenzene	460	7100	2200	35000
1,3,5-Trimethylbenzene	460	4100	2200	20000
TPH ref. to Gasoline (MW=100)	23000	1400000	94000	5700000

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Client Sample ID: VSP-050914-EFF

Lab ID#: 1405240-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052408**	**Date of Collection:**	**5/9/14 1:00:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**5/24/14 10:04 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	1.4	4.2	5.4
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	1.3	4.9	5.8
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-050914-MID CAR

Lab ID#: 1405240-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052409**	**Date of Collection:**	**5/9/14 1:10:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/24/14 10:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	140	230	570

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-050914-POST OX

Lab ID#: 1405240-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052410**	**Date of Collection:**	**5/9/14 1:25:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/24/14 10:47 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-050914-INF

Lab ID#: 1405240-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052720**	**Date of Collection:**	**5/9/14 1:35:00 PM**
Dil. Factor:	**916**	**Date of Analysis:**	**5/27/14 05:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	460	5700	1500	18000
Toluene	460	18000	1700	68000
Ethyl Benzene	460	4100	2000	18000
m,p-Xylene	460	55000	2000	240000
o-Xylene	460	26000	2000	110000
Tetrachloroethene	460	Not Detected	3100	Not Detected
Trichloroethene	460	Not Detected	2500	Not Detected
1,2,4-Trimethylbenzene	460	7100	2200	35000
1,3,5-Trimethylbenzene	460	4100	2200	20000
TPH ref. to Gasoline (MW=100)	23000	1400000	94000	5700000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1405240-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052407**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/24/14 08:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1405240-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/27/14 10:00 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1405240-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/24/14 06:06 AM**	

Compound	**%Recovery**
Benzene	95
Toluene	96
Ethyl Benzene	104
m,p-Xylene	105
o-Xylene	106
Tetrachloroethene	98
Trichloroethene	93
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: CCV

Lab ID#: 1405240-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/27/14 07:56 AM**	

Compound	**%Recovery**
Benzene	93
Toluene	93
Ethyl Benzene	98
m,p-Xylene	99
o-Xylene	101
Tetrachloroethene	94
Trichloroethene	91
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCS

Lab ID#: 1405240-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/24/14 06:28 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	83	70-130
Toluene	80	70-130
Ethyl Benzene	90	70-130
m,p-Xylene	91	70-130
o-Xylene	92	70-130
Tetrachloroethene	88	70-130
Trichloroethene	83	70-130
1,2,4-Trimethylbenzene	91	70-130
1,3,5-Trimethylbenzene	91	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 1405240-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/24/14 06:49 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	81	70-130
Toluene	79	70-130
Ethyl Benzene	91	70-130
m,p-Xylene	90	70-130
o-Xylene	90	70-130
Tetrachloroethene	86	70-130
Trichloroethene	82	70-130
1,2,4-Trimethylbenzene	94	70-130
1,3,5-Trimethylbenzene	95	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCS

Lab ID#: 1405240-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/27/14 08:18 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	78	70-130
Toluene	76	70-130
Ethyl Benzene	84	70-130
m,p-Xylene	84	70-130
o-Xylene	84	70-130
Tetrachloroethene	82	70-130
Trichloroethene	77	70-130
1,2,4-Trimethylbenzene	83	70-130
1,3,5-Trimethylbenzene	84	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCSD

Lab ID#: 1405240-07BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**17052704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/27/14 08:40 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	72	70-130
Toluene	70	70-130
Ethyl Benzene	78	70-130
m,p-Xylene	78	70-130
o-Xylene	78	70-130
Tetrachloroethene	75	70-130
Trichloroethene	71	70-130
1,2,4-Trimethylbenzene	80	70-130
1,3,5-Trimethylbenzene	82	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	96	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MARK MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: STA10022.0028.00002
Project Name: KMEP / SILVERCRAFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-050914-EFF	20775	5/9/14	13:00	TO 15 + TPH	-28.5	-2		
02A	VSP-050914-MID CAR	9533	↓	13:10	↓	-28.5	-2		
03A	VSP-050914-POST OX	AT9312	↓	13:25	↓	-28	-2		
04A	VSP-050914-INF	9492	↓	13:35	↓	-27.5	-2		
	~~VSP-050914~~ MMH	94910	—	—	LOW VAC / BAD	-10	—		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	5/12/14 16:10	FED EX	5/12/14 14:00
		my FAT	05/13/14 1020

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		NA	Good	Yes No None	1405240

Form 1293 rev.11

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6/27/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/Silvercroft
Project #: ST010022.0028
Workorder #: 1406218

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 6/13/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1406218

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0028 KMEP/Silvercroft
DATE RECEIVED:	06/13/2014	**CONTACT:**	Kelly Buettner
DATE COMPLETED:	06/27/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-061014-EFF	TO-15	3.5 "Hg	15 psi
02A	VSP-061014-MID CRB	TO-15	4.5 "Hg	15 psi
03A	VSP-061014-POSTOX	TO-15	6.0 "Hg	15 psi
04A	VSP-061014-INF	TO-15	5.0 "Hg	15 psi
05A	VSP-061014-INF-DUP	TO-15	5.0 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

DATE: 06/27/14

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1406218

Five 1 Liter Summa Canister samples were received on June 13, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-061014-INF and VSP-061014-INF-DUP due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-061014-EFF

Lab ID#: 1406218-01A

No Detections Were Found.

Client Sample ID: VSP-061014-MID CRB

Lab ID#: 1406218-02A

No Detections Were Found.

Client Sample ID: VSP-061014-POSTOX

Lab ID#: 1406218-03A

No Detections Were Found.

Client Sample ID: VSP-061014-INF

Lab ID#: 1406218-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	5000	970	16000
Toluene	300	24000	1100	91000
Ethyl Benzene	300	8100	1300	35000
m,p-Xylene	300	120000	1300	520000
o-Xylene	300	67000	1300	290000
1,2,4-Trimethylbenzene	300	44000	1500	220000
1,3,5-Trimethylbenzene	300	20000	1500	96000
TPH ref. to Gasoline (MW=100)	6000	2500000	25000	10000000

Client Sample ID: VSP-061014-INF-DUP

Lab ID#: 1406218-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	4800	970	15000
Toluene	300	24000	1100	89000
Ethyl Benzene	300	8000	1300	35000
m,p-Xylene	300	120000	1300	520000
o-Xylene	300	66000	1300	280000
1,2,4-Trimethylbenzene	300	42000	1500	210000
1,3,5-Trimethylbenzene	300	19000	1500	94000

Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-061014-INF-DUP

Lab ID#: 1406218-05A

TPH ref. to Gasoline (MW=100)	6000	2500000	25000	10000000

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Client Sample ID: VSP-061014-EFF

Lab ID#: 1406218-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062409**	**Date of Collection:**	**6/10/14 4:10:00 PM**
Dil. Factor:	**2.29**	**Date of Analysis:**	**6/24/14 01:32 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	5.0	Not Detected
m,p-Xylene	1.1	Not Detected	5.0	Not Detected
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.8	Not Detected
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: VSP-061014-MID CRB

Lab ID#: 1406218-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062410**	**Date of Collection:**	**6/10/14 4:18:00 PM**
Dil. Factor:	**2.38**	**Date of Analysis:**	**6/24/14 02:23 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VSP-061014-POSTOX

Lab ID#: 1406218-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062411**	**Date of Collection:**	**6/10/14 4:27:00 PM**
Dil. Factor:	**2.52**	**Date of Analysis:**	**6/24/14 03:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.3	Not Detected	4.0	Not Detected
Toluene	1.3	Not Detected	4.7	Not Detected
Ethyl Benzene	1.3	Not Detected	5.5	Not Detected
m,p-Xylene	1.3	Not Detected	5.5	Not Detected
o-Xylene	1.3	Not Detected	5.5	Not Detected
Tetrachloroethene	1.3	Not Detected	8.5	Not Detected
Trichloroethene	1.3	Not Detected	6.8	Not Detected
1,2,4-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
1,3,5-Trimethylbenzene	1.3	Not Detected	6.2	Not Detected
TPH ref. to Gasoline (MW=100)	63	Not Detected	260	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-061014-INF

Lab ID#: 1406218-04A

EPA METHOD TO-15 GC/MS

File Name:	**14062616**	**Date of Collection:**	**6/10/14 4:36:00 PM**
Dil. Factor:	**60.5**	**Date of Analysis:**	**6/26/14 05:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	5000	970	16000
Toluene	300	24000	1100	91000
Ethyl Benzene	300	8100	1300	35000
m,p-Xylene	300	120000	1300	520000
o-Xylene	300	67000	1300	290000
Tetrachloroethene	300	Not Detected	2000	Not Detected
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	44000	1500	220000
1,3,5-Trimethylbenzene	300	20000	1500	96000
TPH ref. to Gasoline (MW=100)	6000	2500000	25000	10000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: VSP-061014-INF-DUP

Lab ID#: 1406218-05A

EPA METHOD TO-15 GC/MS

File Name:	**14062617**	**Date of Collection:**	**6/10/14 4:36:00 PM**
Dil. Factor:	**60.5**	**Date of Analysis:**	**6/26/14 05:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	300	4800	970	15000
Toluene	300	24000	1100	89000
Ethyl Benzene	300	8000	1300	35000
m,p-Xylene	300	120000	1300	520000
o-Xylene	300	66000	1300	280000
Tetrachloroethene	300	Not Detected	2000	Not Detected
Trichloroethene	300	Not Detected	1600	Not Detected
1,2,4-Trimethylbenzene	300	42000	1500	210000
1,3,5-Trimethylbenzene	300	19000	1500	94000
TPH ref. to Gasoline (MW=100)	6000	2500000	25000	10000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1406218-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/24/14 11:28 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1406218-06B

EPA METHOD TO-15 GC/MS

File Name:	**14062606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/14 11:42 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: CCV

Lab ID#: 1406218-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062402**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/24/14 08:51 AM**

Compound	**%Recovery**
Benzene	103
Toluene	100
Ethyl Benzene	101
m,p-Xylene	104
o-Xylene	105
Tetrachloroethene	94
Trichloroethene	97
1,2,4-Trimethylbenzene	105
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: CCV

Lab ID#: 1406218-07B

EPA METHOD TO-15 GC/MS

File Name:	**14062602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/14 08:34 AM**	

Compound	**%Recovery**
Benzene	93
Toluene	96
Ethyl Benzene	100
m,p-Xylene	96
o-Xylene	98
Tetrachloroethene	96
Trichloroethene	96
1,2,4-Trimethylbenzene	98
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1406218-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/24/14 09:33 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	104	70-130
Toluene	98	70-130
Ethyl Benzene	99	70-130
m,p-Xylene	100	70-130
o-Xylene	100	70-130
Tetrachloroethene	93	70-130
Trichloroethene	99	70-130
1,2,4-Trimethylbenzene	98	70-130
1,3,5-Trimethylbenzene	103	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCSD

Lab ID#: 1406218-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2062404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/24/14 10:04 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	103	70-130
Toluene	99	70-130
Ethyl Benzene	93	70-130
m,p-Xylene	96	70-130
o-Xylene	95	70-130
Tetrachloroethene	92	70-130
Trichloroethene	99	70-130
1,2,4-Trimethylbenzene	93	70-130
1,3,5-Trimethylbenzene	97	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: LCS

Lab ID#: 1406218-08B

EPA METHOD TO-15 GC/MS

File Name:	**14062603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/14 09:00 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	94	70-130
Toluene	94	70-130
Ethyl Benzene	95	70-130
m,p-Xylene	98	70-130
o-Xylene	94	70-130
Tetrachloroethene	92	70-130
Trichloroethene	96	70-130
1,2,4-Trimethylbenzene	94	70-130
1,3,5-Trimethylbenzene	96	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1406218-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14062604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/26/14 09:48 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	94	70-130
Ethyl Benzene	94	70-130
m,p-Xylene	94	70-130
o-Xylene	91	70-130
Tetrachloroethene	95	70-130
Trichloroethene	99	70-130
1,2,4-Trimethylbenzene	95	70-130
1,3,5-Trimethylbenzene	96	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign): M. Tam / TAM
Company: Arcadis Email: on file
Address: 14201 N. 87th St, 135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax: 480-905-9353

Project Info:
P.O. #:
Project #: ST010022.0028
Project Name: KMEP/Silverfield

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt (psi)	Final (psi)
04	VSP-061014-EFF	37017	6/10/14	1610	TO15 (+TPH)	-29	0		
04	VSP-061014-MIDCRB	31785		1618		-29	-3		
04	VSP-061014-POSTOX	37742		1627		-29	-4		
04	VSP-061014-INF	19745		1636		-29	-3		
04	VSP-061014-INF-DUP	1370		1636		-29	-3		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
M. Tam	6/12/14 1715	FedEx Office	6/12/14 1715
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible]	6/13/14 1025
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8742-1140-5139	NA	Good	Yes No (None)	1406218

Form 1233 rev. 1

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8/19/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: KMEP/SILVERCROFT
Project #: ST010022.0028.00002
Workorder #: 1408082

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 8/5/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kelly Buettner

Project Manager

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WORK ORDER #: 1408082

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0028.00002
DATE RECEIVED:	08/05/2014	**CONTACT:**	KMEP/SILVERCROFT Kelly Buettner
DATE COMPLETED:	08/19/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-073114-EFF	TO-15	3.5 "Hg	14.6 psi
02A	VSP-073114-MID CAR	TO-15	3.7 "Hg	14.7 psi
03A	VSP-073114-POST OX	TO-15	3.5 "Hg	14.7 psi
04A	VSP-073114-INF	TO-15	3.1 "Hg	15 psi
05A	VSP-073114-INF DUP	TO-15	3.5 "Hg	14.6 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 08/19/14

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1408082

Five 1 Liter Summa Canister samples were received on August 05, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-073114-INF and VSP-073114-INF DUP due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-073114-EFF

Lab ID#: 1408082-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.1	1.9	4.2	7.3

Client Sample ID: VSP-073114-MID CAR

Lab ID#: 1408082-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
m,p-Xylene	1.1	1.9	5.0	8.2
1,2,4-Trimethylbenzene	1.1	2.2	5.6	11

Client Sample ID: VSP-073114-POST OX

Lab ID#: 1408082-03A

No Detections Were Found.

Client Sample ID: VSP-073114-INF

Lab ID#: 1408082-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	3700	900	12000
Toluene	280	17000	1100	63000
Ethyl Benzene	280	5600	1200	24000
m,p-Xylene	280	78000	1200	340000
o-Xylene	280	45000	1200	200000
1,2,4-Trimethylbenzene	280	20000	1400	100000
1,3,5-Trimethylbenzene	280	11000	1400	54000
TPH ref. to Gasoline (MW=100)	14000	1400000	58000	5700000

Client Sample ID: VSP-073114-INF DUP

Lab ID#: 1408082-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	3300	900	10000
Toluene	280	14000	1100	54000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-073114-INF DUP

Lab ID#: 1408082-05A

Ethyl Benzene	280	4800	1200	21000
m,p-Xylene	280	68000	1200	300000
o-Xylene	280	36000	1200	160000
1,2,4-Trimethylbenzene	280	17000	1400	84000
1,3,5-Trimethylbenzene	280	9300	1400	46000
TPH ref. to Gasoline (MW=100)	14000	1500000	58000	6100000

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Client Sample ID: VSP-073114-EFF

Lab ID#: 1408082-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081120**	**Date of Collection:**	**7/31/14 2:31:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**8/12/14 12:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	1.9	4.2	7.3
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: VSP-073114-MID CAR

Lab ID#: 1408082-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081121**	**Date of Collection:**	**7/31/14 2:35:00 PM**
Dil. Factor:	**2.28**	**Date of Analysis:**	**8/12/14 12:29 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.3	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	1.9	5.0	8.2
o-Xylene	1.1	Not Detected	5.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	2.2	5.6	11
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	57	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: VSP-073114-POST OX

Lab ID#: 1408082-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081122**	**Date of Collection:**	**7/31/14 2:45:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**8/12/14 12:57 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: VSP-073114-INF

Lab ID#: 1408082-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081116**	**Date of Collection:**	**7/31/14 2:50:00 PM**
Dil. Factor:	**563**	**Date of Analysis:**	**8/11/14 09:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	3700	900	12000
Toluene	280	17000	1100	63000
Ethyl Benzene	280	5600	1200	24000
m,p-Xylene	280	78000	1200	340000
o-Xylene	280	45000	1200	200000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	20000	1400	100000
1,3,5-Trimethylbenzene	280	11000	1400	54000
TPH ref. to Gasoline (MW=100)	14000	1400000	58000	5700000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-073114-INF DUP

Lab ID#: 1408082-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081209**	**Date of Collection:**	**7/31/14 2:50:00 PM**
Dil. Factor:	**564**	**Date of Analysis:**	**8/12/14 04:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	280	3300	900	10000
Toluene	280	14000	1100	54000
Ethyl Benzene	280	4800	1200	21000
m,p-Xylene	280	68000	1200	300000
o-Xylene	280	36000	1200	160000
Tetrachloroethene	280	Not Detected	1900	Not Detected
Trichloroethene	280	Not Detected	1500	Not Detected
1,2,4-Trimethylbenzene	280	17000	1400	84000
1,3,5-Trimethylbenzene	280	9300	1400	46000
TPH ref. to Gasoline (MW=100)	14000	1500000	58000	6100000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1408082-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/11/14 12:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	112	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1408082-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081208d**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/12/14 03:03 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	108	70-130

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Client Sample ID: CCV

Lab ID#: 1408082-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/11/14 08:56 AM**	

Compound	**%Recovery**
Benzene	94
Toluene	95
Ethyl Benzene	103
m,p-Xylene	103
o-Xylene	102
Tetrachloroethene	114
Trichloroethene	130
1,2,4-Trimethylbenzene	92
1,3,5-Trimethylbenzene	105
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: CCV

Lab ID#: 1408082-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/12/14 10:07 AM**	

Compound	**%Recovery**
Benzene	90
Toluene	94
Ethyl Benzene	103
m,p-Xylene	105
o-Xylene	104
Tetrachloroethene	112
Trichloroethene	120
1,2,4-Trimethylbenzene	106
1,3,5-Trimethylbenzene	111
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	106	70-130

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Client Sample ID: LCS

Lab ID#: 1408082-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/11/14 09:22 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	98	70-130
Toluene	98	70-130
Ethyl Benzene	90	70-130
m,p-Xylene	97	70-130
o-Xylene	90	70-130
Tetrachloroethene	95	70-130
Trichloroethene	100	70-130
1,2,4-Trimethylbenzene	103	70-130
1,3,5-Trimethylbenzene	109	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: LCSD

Lab ID#: 1408082-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/11/14 09:48 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	92	70-130
Toluene	96	70-130
Ethyl Benzene	98	70-130
m,p-Xylene	103	70-130
o-Xylene	94	70-130
Tetrachloroethene	102	70-130
Trichloroethene	97	70-130
1,2,4-Trimethylbenzene	88	70-130
1,3,5-Trimethylbenzene	90	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: LCS

Lab ID#: 1408082-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/12/14 10:33 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	102	70-130
Toluene	93	70-130
Ethyl Benzene	96	70-130
m,p-Xylene	99	70-130
o-Xylene	99	70-130
Tetrachloroethene	115	70-130
Trichloroethene	100	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3,5-Trimethylbenzene	111	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	111	70-130

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Client Sample ID: LCSD

Lab ID#: 1408082-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3081204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/12/14 10:59 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	105	70-130
Toluene	105	70-130
Ethyl Benzene	94	70-130
m,p-Xylene	97	70-130
o-Xylene	91	70-130
Tetrachloroethene	109	70-130
Trichloroethene	100	70-130
1,2,4-Trimethylbenzene	91	70-130
1,3,5-Trimethylbenzene	100	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	110	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0028.00002
Project Name: KMEP/SILVERCROFT

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-073114-EFF	97101	7/31/14	14:31	TO 15 + TPH	-28.5	-2.		
02A	VSP-073114-MID CAR	94921	↓	14:35	↓	-28.5	-2.		
03A	VSP-073114-POST OX	9350	↓	14:45	↓	-28.5	-2.		
04A	VSP-073114-INF	9516	↓	14:50	↓	-28.5	-2.		
05A	VSP-073114-INF DUP	94521	7/31/14	14:50	TO 15 + TPH	-28.5	-2.		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	8/1/14 14:55	Fed Ex	8/1/14 14:55
		Paul McCall EATL	8/5/14 1015

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	~~COPS~~ FedEx pm 8/5/14		NA	Good	Yes No None	1408082

Form 1293 rev.11

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9/19/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: SILVERCROFT/KMEP
Project #: ST010022.0028.00002
Workorder #: 1409013

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 9/3/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1409013

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0028.00002
DATE RECEIVED:	09/03/2014	**CONTACT:**	SILVERCROFT/KMEP Kyle Vagadori
DATE COMPLETED:	09/19/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-082914-EFF	TO-15	5.5 "Hg	15.2 psi
02A	VSP-082914-MID CAR	TO-15	5.3 "Hg	14.6 psi
03A	VSP-082914-POST OX	TO-15	4.3 "Hg	15.5 psi
04A	VSP-082914-INF	TO-15	4.3 "Hg	15 psi
05A	VSP-082914-INF DUP	TO-15	4.3 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 09/19/14

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1409013

Five 1 Liter Summa Canister samples were received on September 03, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-082914-INF and VSP-082914-INF DUP due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-082914-EFF

Lab ID#: 1409013-01A

No Detections Were Found.

Client Sample ID: VSP-082914-MID CAR

Lab ID#: 1409013-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	1.2	3.9	4.0
Toluene	1.2	3.4	4.6	13
m,p-Xylene	1.2	2.4	5.2	10
o-Xylene	1.2	1.2	5.2	5.3
1,2,4-Trimethylbenzene	1.2	1.6	5.9	7.8

Client Sample ID: VSP-082914-POST OX

Lab ID#: 1409013-03A

No Detections Were Found.

Client Sample ID: VSP-082914-INF

Lab ID#: 1409013-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	240	2600	750	8300
Toluene	240	14000	890	51000
Ethyl Benzene	240	4400	1000	19000
m,p-Xylene	240	68000	1000	290000
o-Xylene	240	38000	1000	160000
1,2,4-Trimethylbenzene	240	23000	1200	110000
1,3,5-Trimethylbenzene	240	11000	1200	52000
TPH ref. to Gasoline (MW=100)	12000	1500000	48000	6300000

Client Sample ID: VSP-082914-INF DUP

Lab ID#: 1409013-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	240	2600	750	8200

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-082914-INF DUP

Lab ID#: 1409013-05A

Toluene	240	14000	890	52000
Ethyl Benzene	240	4500	1000	20000
m,p-Xylene	240	69000	1000	300000
o-Xylene	240	38000	1000	160000
1,2,4-Trimethylbenzene	240	22000	1200	110000
1,3,5-Trimethylbenzene	240	10000	1200	52000
TPH ref. to Gasoline (MW=100)	12000	1600000	48000	6800000

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Client Sample ID: VSP-082914-EFF

Lab ID#: 1409013-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091724**	**Date of Collection:**	**8/29/14 4:00:00 PM**
Dil. Factor:	**2.49**	**Date of Analysis:**	**9/18/14 02:37 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	4.0	Not Detected
Toluene	1.2	Not Detected	4.7	Not Detected
Ethyl Benzene	1.2	Not Detected	5.4	Not Detected
m,p-Xylene	1.2	Not Detected	5.4	Not Detected
o-Xylene	1.2	Not Detected	5.4	Not Detected
Tetrachloroethene	1.2	Not Detected	8.4	Not Detected
Trichloroethene	1.2	Not Detected	6.7	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	6.1	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	6.1	Not Detected
TPH ref. to Gasoline (MW=100)	62	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-082914-MID CAR

Lab ID#: 1409013-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091725**	**Date of Collection:**	**8/29/14 4:05:00 PM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**9/18/14 03:04 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	1.2	3.9	4.0
Toluene	1.2	3.4	4.6	13
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	2.4	5.2	10
o-Xylene	1.2	1.2	5.2	5.3
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	1.6	5.9	7.8
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VSP-082914-POST OX

Lab ID#: 1409013-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091726**	**Date of Collection:**	**8/29/14 4:15:00 PM**
Dil. Factor:	**2.40**	**Date of Analysis:**	**9/18/14 03:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: VSP-082914-INF

Lab ID#: 1409013-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091814**	**Date of Collection:**	**8/29/14 4:25:00 PM**
Dil. Factor:	**472**	**Date of Analysis:**	**9/18/14 06:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	240	2600	750	8300
Toluene	240	14000	890	51000
Ethyl Benzene	240	4400	1000	19000
m,p-Xylene	240	68000	1000	290000
o-Xylene	240	38000	1000	160000
Tetrachloroethene	240	Not Detected	1600	Not Detected
Trichloroethene	240	Not Detected	1300	Not Detected
1,2,4-Trimethylbenzene	240	23000	1200	110000
1,3,5-Trimethylbenzene	240	11000	1200	52000
TPH ref. to Gasoline (MW=100)	12000	1500000	48000	6300000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: VSP-082914-INF DUP

Lab ID#: 1409013-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091815**	**Date of Collection:**	**8/29/14 4:25:00 PM**
Dil. Factor:	**472**	**Date of Analysis:**	**9/18/14 06:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	240	2600	750	8200
Toluene	240	14000	890	52000
Ethyl Benzene	240	4500	1000	20000
m,p-Xylene	240	69000	1000	300000
o-Xylene	240	38000	1000	160000
Tetrachloroethene	240	Not Detected	1600	Not Detected
Trichloroethene	240	Not Detected	1300	Not Detected
1,2,4-Trimethylbenzene	240	22000	1200	110000
1,3,5-Trimethylbenzene	240	10000	1200	52000
TPH ref. to Gasoline (MW=100)	12000	1600000	48000	6800000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1409013-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091717**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/14 09:21 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1409013-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/18/14 01:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1409013-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/14 10:26 AM**	

Compound	**%Recovery**
Benzene	98
Toluene	101
Ethyl Benzene	96
m,p-Xylene	98
o-Xylene	98
Tetrachloroethene	94
Trichloroethene	98
1,2,4-Trimethylbenzene	97
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 1409013-07B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/18/14 09:54 AM**	

Compound	**%Recovery**
Benzene	99
Toluene	103
Ethyl Benzene	97
m,p-Xylene	99
o-Xylene	99
Tetrachloroethene	97
Trichloroethene	99
1,2,4-Trimethylbenzene	99
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: LCS

Lab ID#: 1409013-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/14 10:51 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	96	70-130
Toluene	96	70-130
Ethyl Benzene	93	70-130
m,p-Xylene	94	70-130
o-Xylene	94	70-130
Tetrachloroethene	91	70-130
Trichloroethene	96	70-130
1,2,4-Trimethylbenzene	91	70-130
1,3,5-Trimethylbenzene	94	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: LCSD

Lab ID#: 1409013-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/14 11:16 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	98	70-130
Toluene	98	70-130
Ethyl Benzene	94	70-130
m,p-Xylene	98	70-130
o-Xylene	95	70-130
Tetrachloroethene	92	70-130
Trichloroethene	96	70-130
1,2,4-Trimethylbenzene	94	70-130
1,3,5-Trimethylbenzene	97	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCS

Lab ID#: 1409013-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/18/14 10:19 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	97	70-130
Ethyl Benzene	93	70-130
m,p-Xylene	96	70-130
o-Xylene	93	70-130
Tetrachloroethene	94	70-130
Trichloroethene	97	70-130
1,2,4-Trimethylbenzene	93	70-130
1,3,5-Trimethylbenzene	94	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCSD

Lab ID#: 1409013-08BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3091804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/18/14 10:44 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	94	70-130
Toluene	96	70-130
Ethyl Benzene	91	70-130
m,p-Xylene	92	70-130
o-Xylene	92	70-130
Tetrachloroethene	90	70-130
Trichloroethene	95	70-130
1,2,4-Trimethylbenzene	92	70-130
1,3,5-Trimethylbenzene	93	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	96	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MICHAEL.NESKY@ARCADIS-US.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: ST010022.0028.00002
Project Name: SILVERKRAFT/KMEP

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-082914-EFF	36492	8/29/14	16:00	TO 15 + TPH	-27.0	-2.0		
02A	VSP-082914-MID CAR	37782	↓	16:05	↓	-27.0	-2.0		
03A	VSP-082914-POST OX	36376	↓	16:15	↓	-27.0	-2.0		
04A	VSP-082914-INF	35595	↓	16:25	↓	-26.0	-2.0		
05A	VSP-082914-INF DUP	15728	↓	16:25	↓	-26.0	-2.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	8/30/14 16:35	FEDEX	8/30/14 16:35
		Paul Mitchell FATL	9/1/14 1000

Notes:
TOTALIZER = 714813

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FEDEX	8770-8808-4405	NA	Good	Yes No None	1409013

Form 1293 rev.11

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10/4/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: SILVERCROFT/KMEP
Project #: ST010022.0029.00002
Workorder #: 1409373

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 9/22/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1409373

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0029.00002
DATE RECEIVED:	09/22/2014	**CONTACT:**	SILVERCROFT/KMEP Kyle Vagadori
DATE COMPLETED:	10/04/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-091914-EFF	TO-15	3.1 "Hg	14.7 psi
02A	VSP-091914-MID CAR	TO-15	3.3 "Hg	15.4 psi
03A	VSP-091914-POST OX	TO-15	3.3 "Hg	14.9 psi
04A	VSP-091914-INF	TO-15	2.4 "Hg	15.1 psi
05A	VSP-091914-INF DUP	TO-15	2.4 "Hg	15.2 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 10/04/14

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-13-6, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1409373

Five 1 Liter Summa Canister samples were received on September 22, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on samples VSP-091914-INF and VSP-091914-INF-DUP due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-091914-EFF

Lab ID#: 1409373-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	1.1	1.7	7.6	11

Client Sample ID: VSP-091914-MID CAR

Lab ID#: 1409373-02A

No Detections Were Found.

Client Sample ID: VSP-091914-POST OX

Lab ID#: 1409373-03A

No Detections Were Found.

Client Sample ID: VSP-091914-INF

Lab ID#: 1409373-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	1900	710	6000
Toluene	220	9400	830	36000
Ethyl Benzene	220	4800	960	21000
m,p-Xylene	220	82000	960	350000
o-Xylene	220	50000	960	220000
Tetrachloroethene	220	700	1500	4800
1,2,4-Trimethylbenzene	220	49000	1100	240000
1,3,5-Trimethylbenzene	220	19000	1100	94000
TPH ref. to Gasoline (MW=100)	4400	1600000	18000	6500000

Client Sample ID: VSP-091914-INF DUP

Lab ID#: 1409373-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	1800	710	5900
Toluene	220	9400	830	35000
Ethyl Benzene	220	5000	960	22000
m,p-Xylene	220	85000	960	370000

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: VSP-091914-INF DUP

Lab ID#: 1409373-05A

o-Xylene	220	52000	960	220000
Tetrachloroethene	220	560	1500	3800
1,2,4-Trimethylbenzene	220	52000	1100	250000
1,3,5-Trimethylbenzene	220	20000	1100	98000
TPH ref. to Gasoline (MW=100)	4400	1900000	18000	7900000

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Client Sample ID: VSP-091914-EFF

Lab ID#: 1409373-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093015**	**Date of Collection:**	**9/19/14 2:10:00 PM**
Dil. Factor:	**2.23**	**Date of Analysis:**	**9/30/14 05:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	1.7	7.6	11
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VSP-091914-MID CAR

Lab ID#: 1409373-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093016**	**Date of Collection:**	**9/19/14 2:17:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**9/30/14 05:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VSP-091914-POST OX

Lab ID#: 1409373-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093017**	**Date of Collection:**	**9/19/14 2:25:00 PM**
Dil. Factor:	**2.26**	**Date of Analysis:**	**9/30/14 06:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.7	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: VSP-091914-INF

Lab ID#: 1409373-04A

EPA METHOD TO-15 GC/MS

File Name:	**14093011**	**Date of Collection:**	**9/19/14 2:35:00 PM**
Dil. Factor:	**44.2**	**Date of Analysis:**	**9/30/14 10:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	1900	710	6000
Toluene	220	9400	830	36000
Ethyl Benzene	220	4800	960	21000
m,p-Xylene	220	82000	960	350000
o-Xylene	220	50000	960	220000
Tetrachloroethene	220	700	1500	4800
Trichloroethene	220	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	220	49000	1100	240000
1,3,5-Trimethylbenzene	220	19000	1100	94000
TPH ref. to Gasoline (MW=100)	4400	1600000	18000	6500000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VSP-091914-INF DUP

Lab ID#: 1409373-05A

EPA METHOD TO-15 GC/MS

File Name:	**14093012**	**Date of Collection:**	**9/19/14 2:35:00 PM**
Dil. Factor:	**44.2**	**Date of Analysis:**	**9/30/14 10:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	220	1800	710	5900
Toluene	220	9400	830	35000
Ethyl Benzene	220	5000	960	22000
m,p-Xylene	220	85000	960	370000
o-Xylene	220	52000	960	220000
Tetrachloroethene	220	560	1500	3800
Trichloroethene	220	Not Detected	1200	Not Detected
1,2,4-Trimethylbenzene	220	52000	1100	250000
1,3,5-Trimethylbenzene	220	20000	1100	98000
TPH ref. to Gasoline (MW=100)	4400	1900000	18000	7900000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1409373-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093009**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 01:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1409373-06B

EPA METHOD TO-15 GC/MS

File Name:	**14093006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 07:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 1409373-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 10:06 AM**	

Compound	**%Recovery**
Benzene	106
Toluene	112
Ethyl Benzene	109
m,p-Xylene	110
o-Xylene	109
Tetrachloroethene	107
Trichloroethene	107
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	99
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: CCV

Lab ID#: 1409373-07B

EPA METHOD TO-15 GC/MS

File Name:	**14093002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 05:40 PM**	

Compound	**%Recovery**
Benzene	98
Toluene	100
Ethyl Benzene	100
m,p-Xylene	103
o-Xylene	103
Tetrachloroethene	102
Trichloroethene	108
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	108
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130

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Client Sample ID: LCS

Lab ID#: 1409373-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 10:31 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	101	70-130
Toluene	104	70-130
Ethyl Benzene	100	70-130
m,p-Xylene	100	70-130
o-Xylene	100	70-130
Tetrachloroethene	98	70-130
Trichloroethene	100	70-130
1,2,4-Trimethylbenzene	101	70-130
1,3,5-Trimethylbenzene	102	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: LCSD

Lab ID#: 1409373-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**3093004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 11:03 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	101	70-130
Ethyl Benzene	99	70-130
m,p-Xylene	101	70-130
o-Xylene	101	70-130
Tetrachloroethene	99	70-130
Trichloroethene	98	70-130
1,2,4-Trimethylbenzene	102	70-130
1,3,5-Trimethylbenzene	104	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: LCS

Lab ID#: 1409373-08B

EPA METHOD TO-15 GC/MS

File Name:	**14093003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 06:04 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	97	70-130
Ethyl Benzene	101	70-130
m,p-Xylene	101	70-130
o-Xylene	99	70-130
Tetrachloroethene	100	70-130
Trichloroethene	98	70-130
1,2,4-Trimethylbenzene	114	70-130
1,3,5-Trimethylbenzene	117	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1409373-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14093004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/30/14 06:27 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	97	70-130
Toluene	100	70-130
Ethyl Benzene	100	70-130
m,p-Xylene	99	70-130
o-Xylene	99	70-130
Tetrachloroethene	98	70-130
Trichloroethene	100	70-130
1,2,4-Trimethylbenzene	115	70-130
1,3,5-Trimethylbenzene	113	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) Mark Hammer / Mark Hammer
Company ARCADIS-US Email MICHAEL.NESKY@ARCADIS-US.COM
Address 14201 N 87TH ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax 480 905-9353

Project Info:
P.O. #
Project # ST010022.0029.00002
Project Name SILVERCROFT/KMEP

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-091914-EFF	A9773	9/19/14	14:10	TO 15 + TPH	-29	-2		
02A	VSP-091914-MID CAR	34170	↓	14:17	↓	-29	-2		
03A	VSP-091914-POST OX	37789		14:25		-29	-2		
04A	VSP-091914-INF	8040		14:35		-27.5	-2		
05A	VSP-091914-INF DUP	37769	↓	14:35	↓	-28.5	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	9/19/14 15:45	FEDEX	9/19/14 15:45
		B.W. Wittekin EATL	9/22/14 0945

Notes:
SAMPLE TEMP/CARBON = 110/31
TOTALIZER = 736376

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		N/A	Good	Yes No (None)	1409373

Form 1293 rev.11

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10/29/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: SILVERCROFT/KMEP
Project #: ST010022.0029.00002
Workorder #: 1410246

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 10/16/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1410246

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST010022.0029.00002
DATE RECEIVED:	10/16/2014	**CONTACT:**	SILVERCROFT/KMEP Kyle Vagadori
DATE COMPLETED:	10/29/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-101514-EFF	TO-15	4.7 "Hg	14.9 psi
02A	VSP-101514-MID CAR	TO-15	4.9 "Hg	15.2 psi
03A	VSP-101514-MID CAR DUP	TO-15	4.9 "Hg	15.1 psi
04A	VSP-101514-POST OX	TO-15	4.3 "Hg	15 psi
05A	VSP-101514-INF	TO-15	4.1 "Hg	15 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

Technical Director

DATE: 10/29/14

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704343-14-7, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2014, Expiration date: 10/17/2015.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1410246

Five 1 Liter Summa Canister samples were received on October 16, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-101514-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-101514-EFF

Lab ID#: 1410246-01A

No Detections Were Found.

Client Sample ID: VSP-101514-MID CAR

Lab ID#: 1410246-02A

No Detections Were Found.

Client Sample ID: VSP-101514-MID CAR DUP

Lab ID#: 1410246-03A

No Detections Were Found.

Client Sample ID: VSP-101514-POST OX

Lab ID#: 1410246-04A

No Detections Were Found.

Client Sample ID: VSP-101514-INF

Lab ID#: 1410246-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	120	1200	370	3800
Toluene	120	6200	440	23000
Ethyl Benzene	120	2800	510	12000
m,p-Xylene	120	61000	510	270000
o-Xylene	120	43000	510	190000
1,2,4-Trimethylbenzene	120	49000	580	240000
1,3,5-Trimethylbenzene	120	19000	580	94000
TPH ref. to Gasoline (MW=100)	2300	1800000	9600	7400000

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Client Sample ID: VSP-101514-EFF

Lab ID#: 1410246-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102012**	**Date of Collection:**	**10/15/14 12:55:00 P**
Dil. Factor:	**2.39**	**Date of Analysis:**	**10/20/14 05:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.5	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.1	Not Detected
Trichloroethene	1.2	Not Detected	6.4	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: VSP-101514-MID CAR

Lab ID#: 1410246-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102014**	**Date of Collection:**	**10/15/14 1:00:00 PM**
Dil. Factor:	**2.43**	**Date of Analysis:**	**10/20/14 06:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.3	Not Detected
m,p-Xylene	1.2	Not Detected	5.3	Not Detected
o-Xylene	1.2	Not Detected	5.3	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	6.0	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	6.0	Not Detected
TPH ref. to Gasoline (MW=100)	61	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: VSP-101514-MID CAR DUP

Lab ID#: 1410246-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102015**	**Date of Collection:**	**10/15/14 1:00:00 PM**
Dil. Factor:	**2.42**	**Date of Analysis:**	**10/20/14 06:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.9	Not Detected
Toluene	1.2	Not Detected	4.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	Not Detected	5.2	Not Detected
o-Xylene	1.2	Not Detected	5.2	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
TPH ref. to Gasoline (MW=100)	60	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: VSP-101514-POST OX

Lab ID#: 1410246-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102013**	**Date of Collection:**	**10/15/14 1:12:00 PM**
Dil. Factor:	**2.36**	**Date of Analysis:**	**10/20/14 05:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.8	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.1	Not Detected
m,p-Xylene	1.2	Not Detected	5.1	Not Detected
o-Xylene	1.2	Not Detected	5.1	Not Detected
Tetrachloroethene	1.2	Not Detected	8.0	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.8	Not Detected
TPH ref. to Gasoline (MW=100)	59	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-101514-INF

Lab ID#: 1410246-05A

EPA METHOD TO-15 GC/MS

File Name:	**14102220**	**Date of Collection:**	**10/15/14 1:17:00 PM**
Dil. Factor:	**23.4**	**Date of Analysis:**	**10/23/14 09:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	120	1200	370	3800
Toluene	120	6200	440	23000
Ethyl Benzene	120	2800	510	12000
m,p-Xylene	120	61000	510	270000
o-Xylene	120	43000	510	190000
Tetrachloroethene	120	Not Detected	790	Not Detected
Trichloroethene	120	Not Detected	630	Not Detected
1,2,4-Trimethylbenzene	120	49000	580	240000
1,3,5-Trimethylbenzene	120	19000	580	94000
TPH ref. to Gasoline (MW=100)	2300	1800000	9600	7400000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	115	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1410246-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102010**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/20/14 03:51 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1410246-06B

EPA METHOD TO-15 GC/MS

File Name:	**14102208**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/22/14 05:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: CCV

Lab ID#: 1410246-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102002**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 10/20/14 08:31 AM**

Compound	**%Recovery**
Benzene	101
Toluene	99
Ethyl Benzene	98
m,p-Xylene	101
o-Xylene	95
Tetrachloroethene	97
Trichloroethene	95
1,2,4-Trimethylbenzene	96
1,3,5-Trimethylbenzene	100
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 1410246-07B

EPA METHOD TO-15 GC/MS

File Name:	**14102202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/22/14 01:53 PM**	

Compound	**%Recovery**
Benzene	92
Toluene	96
Ethyl Benzene	95
m,p-Xylene	100
o-Xylene	101
Tetrachloroethene	94
Trichloroethene	97
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	98
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: LCS

Lab ID#: 1410246-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/20/14 09:03 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	102	70-130
Toluene	98	70-130
Ethyl Benzene	97	70-130
m,p-Xylene	102	70-130
o-Xylene	97	70-130
Tetrachloroethene	96	70-130
Trichloroethene	96	70-130
1,2,4-Trimethylbenzene	103	70-130
1,3,5-Trimethylbenzene	113	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: LCSD

Lab ID#: 1410246-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**p102004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/20/14 09:35 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	105	70-130
Toluene	103	70-130
Ethyl Benzene	101	70-130
m,p-Xylene	106	70-130
o-Xylene	103	70-130
Tetrachloroethene	100	70-130
Trichloroethene	100	70-130
1,2,4-Trimethylbenzene	111	70-130
1,3,5-Trimethylbenzene	126	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCS

Lab ID#: 1410246-08B

EPA METHOD TO-15 GC/MS

File Name:	**14102203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/22/14 02:23 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	100	70-130
Toluene	98	70-130
Ethyl Benzene	101	70-130
m,p-Xylene	107	70-130
o-Xylene	105	70-130
Tetrachloroethene	101	70-130
Trichloroethene	99	70-130
1,2,4-Trimethylbenzene	126	70-130
1,3,5-Trimethylbenzene	116	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: LCSD

Lab ID#: 1410246-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14102204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 10/22/14 03:01 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	100	70-130
Toluene	102	70-130
Ethyl Benzene	104	70-130
m,p-Xylene	108	70-130
o-Xylene	108	70-130
Tetrachloroethene	100	70-130
Trichloroethene	98	70-130
1,2,4-Trimethylbenzene	131 Q	70-130
1,3,5-Trimethylbenzene	120	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company ARCADIS-US Email MICHAEL.NESKY@ARCADIS-US.COM
Address 14201 N 87TH ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax 480 905-9353

Project Info:
P.O. #
Project # STO10022.0029.00002
Project Name SILVERCROFT / KMEP

Turn Around Time:
☑ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-101514-EFF	35686	10/15/14	12:55	TO 15 + TPH	-28	-2		
02A	VSP-101514-MID CAR	2124	↓	13:00	↓	-28	-2		
03A	VSP-101514-MID CAR DUP	3029		13:00		-28	-2		
04A	VSP-101514-POST OX	31801		13:12		-28	-2		
05A	VSP-101514-INF	37369		13:17		-28	-2		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	10/15/14	FED EX	10/15/14 15:20
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Martin Sochrayda EATL	10/16/14 0940
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
TEMP/HUM = 114/30
TOTALIZER = 757521

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	Yes No (None)	1410246

Form 1293 rev.11

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11/25/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name:
Project #: ST01022.0029.00002
Workorder #: 1411127

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 11/10/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1411127

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	ST01022.0029.00002
DATE RECEIVED:	11/10/2014	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	11/25/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-110714-EFF	TO-15	3.0 "Hg	15 psi
02A	VSP-110714-MID CAR	TO-15	4.0 "Hg	15 psi
03A	VSP-110714-POST OX	TO-15	4.0 "Hg	15 psi
04A	VSP-110714-INF	TO-15	3.5 "Hg	15 psi
05A	Lab Blank	TO-15	NA	NA
05B	Lab Blank	TO-15	NA	NA
06A	CCV	TO-15	NA	NA
06B	CCV	TO-15	NA	NA
07A	LCS	TO-15	NA	NA
07AA	LCSD	TO-15	NA	NA
07B	LCS	TO-15	NA	NA
07BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo DATE: 11/25/14

Technical Director

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704343-14-7, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2014, Expiration date: 10/17/2015.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1411127

Four 1 Liter Summa Canister samples were received on November 10, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-110714-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-110714-EFF

Lab ID#: 1411127-01A

No Detections Were Found.

Client Sample ID: VSP-110714-MID CAR

Lab ID#: 1411127-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Toluene	1.2	1.5	4.4	5.6

Client Sample ID: VSP-110714-POST OX

Lab ID#: 1411127-03A

No Detections Were Found.

Client Sample ID: VSP-110714-INF

Lab ID#: 1411127-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	110	1400	360	4400
Toluene	110	6500	430	24000
Ethyl Benzene	110	2700	500	12000
m,p-Xylene	110	58000	500	250000
o-Xylene	110	43000	500	190000
1,2,4-Trimethylbenzene	110	53000	560	260000
1,3,5-Trimethylbenzene	110	20000	560	99000
TPH ref. to Gasoline (MW=100)	2300	1600000	9400	6500000

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Client Sample ID: VSP-110714-EFF

Lab ID#: 1411127-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112409**	**Date of Collection:**	**11/7/14 3:30:00 PM**
Dil. Factor:	**2.24**	**Date of Analysis:**	**11/24/14 02:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	56	Not Detected	230	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: VSP-110714-MID CAR

Lab ID#: 1411127-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112410**	**Date of Collection:**	**11/7/14 3:35:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**11/24/14 03:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	1.5	4.4	5.6
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: VSP-110714-POST OX

Lab ID#: 1411127-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112411**	**Date of Collection:**	**11/7/14 3:45:00 PM**
Dil. Factor:	**2.33**	**Date of Analysis:**	**11/24/14 04:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
TPH ref. to Gasoline (MW=100)	58	Not Detected	240	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: VSP-110714-INF

Lab ID#: 1411127-04A

EPA METHOD TO-15 GC/MS

File Name:	**14111923**	**Date of Collection:**	**11/7/14 3:55:00 PM**
Dil. Factor:	**22.9**	**Date of Analysis:**	**11/19/14 08:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	110	1400	360	4400
Toluene	110	6500	430	24000
Ethyl Benzene	110	2700	500	12000
m,p-Xylene	110	58000	500	250000
o-Xylene	110	43000	500	190000
Tetrachloroethene	110	Not Detected	780	Not Detected
Trichloroethene	110	Not Detected	620	Not Detected
1,2,4-Trimethylbenzene	110	53000	560	260000
1,3,5-Trimethylbenzene	110	20000	560	99000
TPH ref. to Gasoline (MW=100)	2300	1600000	9400	6500000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	110	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1411127-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112408**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/24/14 12:53 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	25	Not Detected	100	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	87	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1411127-05B

EPA METHOD TO-15 GC/MS

File Name:	**14111906**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/14 11:40 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	95	70-130

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Client Sample ID: CCV

Lab ID#: 1411127-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/24/14 09:50 AM**	

Compound	**%Recovery**
Benzene	83
Toluene	87
Ethyl Benzene	88
m,p-Xylene	92
o-Xylene	90
Tetrachloroethene	86
Trichloroethene	83
1,2,4-Trimethylbenzene	90
1,3,5-Trimethylbenzene	89
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: CCV

Lab ID#: 1411127-06B

EPA METHOD TO-15 GC/MS

File Name:	**14111902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/14 09:27 AM**	

Compound	**%Recovery**
Benzene	101
Toluene	105
Ethyl Benzene	106
m,p-Xylene	111
o-Xylene	115
Tetrachloroethene	106
Trichloroethene	118
1,2,4-Trimethylbenzene	121
1,3,5-Trimethylbenzene	107
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	100	70-130

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Client Sample ID: LCS

Lab ID#: 1411127-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/24/14 08:38 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	80	70-130
Toluene	79	70-130
Ethyl Benzene	84	70-130
m,p-Xylene	88	70-130
o-Xylene	85	70-130
Tetrachloroethene	83	70-130
Trichloroethene	79	70-130
1,2,4-Trimethylbenzene	96	70-130
1,3,5-Trimethylbenzene	97	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130

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Client Sample ID: LCSD

Lab ID#: 1411127-07AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**2112404**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/24/14 09:11 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	78	70-130
Toluene	79	70-130
Ethyl Benzene	84	70-130
m,p-Xylene	88	70-130
o-Xylene	85	70-130
Tetrachloroethene	82	70-130
Trichloroethene	78	70-130
1,2,4-Trimethylbenzene	100	70-130
1,3,5-Trimethylbenzene	101	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCS

Lab ID#: 1411127-07B

EPA METHOD TO-15 GC/MS

File Name:	**14111903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/14 09:49 AM**	

Compound	**%Recovery**	**Method Limits**
Benzene	86	70-130
Toluene	90	70-130
Ethyl Benzene	92	70-130
m,p-Xylene	97	70-130
o-Xylene	95	70-130
Tetrachloroethene	92	70-130
Trichloroethene	89	70-130
1,2,4-Trimethylbenzene	114	70-130
1,3,5-Trimethylbenzene	103	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: LCSD

Lab ID#: 1411127-07BB

EPA METHOD TO-15 GC/MS

File Name:	**14111904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/19/14 10:27 AM**	

Compound	%Recovery	Method Limits
Benzene	88	70-130
Toluene	91	70-130
Ethyl Benzene	94	70-130
m,p-Xylene	100	70-130
o-Xylene	98	70-130
Tetrachloroethene	94	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	117	70-130
1,3,5-Trimethylbenzene	106	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

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Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company: ARCADIS-US Email: MKARELNESKY@ARCADIS-US.COM
Address: 14201 N 87TH ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-7311 Fax: 480 905-9353

Project Info:
P.O. #:
Project #: TO1022.0023.00002
Project Name:

Turn Around Time:
☒ Normal
☐ Rush
specify

(Lab Use Only)
Pressurized by:
Date:
Pressurization Gas: N He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-110714-EFF	A8969	11/07/14	15:30	TO 15 + TPH	-28	-1		
02A	VSP-110714-MID CAR	15740	↓	15:35	↓	-28	-2		
03A	VSP-110714-POST OX	13898	↓	15:45	↓	-28	-2		
04A	VSP-110714-INF	36570	↓	15:55	↓	-28	-2		
05A	BAD / PRESS @ -18 / NOT USED	2206	↓	N/A		-18	N/A		

HC
WM

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	11/8/14 1315	FED EX	11/8/14 1315
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible]	11/10/14 0945
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
GAUGE BAD / READS -6 @ AMBIENT
TEMP = 115
HUM = 31
TOTALIZER = 773212

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Cooled	Yes No None	1411127

Form 1350 rev. 1

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12/23/2014
Mr. Michael Nesky
LFR Inc. an ARCADIS company
14201 N. 87th Street
Suite 135
Scottsdale AZ 85260

Project Name: SILVERCROFT/ KMEP
Project #: STO10022.0029.00002
Workorder #: 1412190

Dear Mr. Michael Nesky

The following report includes the data for the above referenced project for sample(s) received on 12/10/2014 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Kyle Vagadori

Project Manager

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WORK ORDER #: 1412190

Work Order Summary

CLIENT:	Mr. Michael Nesky Arcadis U.S., Inc. 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
PHONE:	480-905-9311	**P.O. #**	STO-10022-0021
FAX:	480-905-9353	**PROJECT #**	STO10022.0029.00002 SILVERCROFT/ KMEP
DATE RECEIVED:	12/10/2014	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/23/2014		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-120514-EFF	TO-15	3.3 "Hg	14.5 psi
02A	VSP-120514-MID CAR	TO-15	2.2 "Hg	14.7 psi
03A	VSP-120514-MID CAR DUP	TO-15	0.1 psi	14.9 psi
04A	VSP-120514-POST OX	TO-15	3.7 "Hg	15 psi
05A	VSP-120514-INF	TO-15	2.8 "Hg	14.9 psi
06A	Lab Blank	TO-15	NA	NA
06B	Lab Blank	TO-15	NA	NA
07A	CCV	TO-15	NA	NA
07B	CCV	TO-15	NA	NA
08A	LCS	TO-15	NA	NA
08AA	LCSD	TO-15	NA	NA
08B	LCS	TO-15	NA	NA
08BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Mayo

DATE: 12/23/14

Technical Director

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704343-14-7, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2014, Expiration date: 10/17/2015.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
LFR Inc. an ARCADIS company
Workorder# 1412190

Five 1 Liter Summa Canister samples were received on December 10, 2014. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A single point calibration for TPH referenced to Gasoline was performed for each daily analytical batch. Recovery is reported as 100% in the associated results for each CCV.

Dilution was performed on sample VSP-120514-INF due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-120514-EFF

Lab ID#: 1412190-01A

No Detections Were Found.

Client Sample ID: VSP-120514-MID CAR

Lab ID#: 1412190-02A

No Detections Were Found.

Client Sample ID: VSP-120514-MID CAR DUP

Lab ID#: 1412190-03A

No Detections Were Found.

Client Sample ID: VSP-120514-POST OX

Lab ID#: 1412190-04A

No Detections Were Found.

Client Sample ID: VSP-120514-INF

Lab ID#: 1412190-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	28	400	89	1300
Toluene	28	1900	100	7300
Ethyl Benzene	28	690	120	3000
m,p-Xylene	28	15000	120	64000
o-Xylene	28	11000	120	47000
Tetrachloroethene	28	190	190	1300
Trichloroethene	28	33	150	180
1,2,4-Trimethylbenzene	28	13000	140	64000
1,3,5-Trimethylbenzene	28	5400	140	26000
TPH ref. to Gasoline (MW=100)	1100	420000	4500	1700000

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Client Sample ID: VSP-120514-EFF

Lab ID#: 1412190-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121719**	**Date of Collection:**	**12/5/14 4:30:00 PM**
Dil. Factor:	**2.23**	**Date of Analysis:**	**12/18/14 12:17 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
TPH ref. to Gasoline (MW=100)	110	Not Detected	460	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	102	70-130

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Client Sample ID: VSP-120514-MID CAR

Lab ID#: 1412190-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121720**	**Date of Collection:**	**12/5/14 4:40:00 PM**
Dil. Factor:	**2.16**	**Date of Analysis:**	**12/18/14 12:54 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.1	Not Detected	3.4	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	Not Detected	4.7	Not Detected
o-Xylene	1.1	Not Detected	4.7	Not Detected
Tetrachloroethene	1.1	Not Detected	7.3	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	110	Not Detected	440	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: VSP-120514-MID CAR DUP

Lab ID#: 1412190-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121721**	**Date of Collection:**	**12/5/14 4:40:00 PM**
Dil. Factor:	**2.00**	**Date of Analysis:**	**12/18/14 01:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.0	Not Detected	3.2	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
Ethyl Benzene	1.0	Not Detected	4.3	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	1.0	Not Detected	4.3	Not Detected
Tetrachloroethene	1.0	Not Detected	6.8	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2,4-Trimethylbenzene	1.0	Not Detected	4.9	Not Detected
1,3,5-Trimethylbenzene	1.0	Not Detected	4.9	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	410	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	107	70-130

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Client Sample ID: VSP-120514-POST OX

Lab ID#: 1412190-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121722**	**Date of Collection:**	**12/5/14 4:55:00 PM**
Dil. Factor:	**2.30**	**Date of Analysis:**	**12/18/14 02:10 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	1.2	Not Detected	3.7	Not Detected
Toluene	1.2	Not Detected	4.3	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Tetrachloroethene	1.2	Not Detected	7.8	Not Detected
Trichloroethene	1.2	Not Detected	6.2	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.6	Not Detected
TPH ref. to Gasoline (MW=100)	120	Not Detected	470	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	104	70-130

eurofins | Air Toxics

Client Sample ID: VSP-120514-INF

Lab ID#: 1412190-05A

EPA METHOD TO-15 GC/MS

File Name:	**14121759**	**Date of Collection:**	**12/5/14 5:05:00 PM**
Dil. Factor:	**5.55**	**Date of Analysis:**	**12/18/14 03:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	28	400	89	1300
Toluene	28	1900	100	7300
Ethyl Benzene	28	690	120	3000
m,p-Xylene	28	15000	120	64000
o-Xylene	28	11000	120	47000
Tetrachloroethene	28	190	190	1300
Trichloroethene	28	33	150	180
1,2,4-Trimethylbenzene	28	13000	140	64000
1,3,5-Trimethylbenzene	28	5400	140	26000
TPH ref. to Gasoline (MW=100)	1100	420000	4500	1700000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1412190-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121710**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 05:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	50	Not Detected	200	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: Lab Blank

Lab ID#: 1412190-06B

EPA METHOD TO-15 GC/MS

File Name:	**14121734**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 08:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	24	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	24	Not Detected
TPH ref. to Gasoline (MW=100)	200	Not Detected	820	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	88	70-130

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Client Sample ID: CCV

Lab ID#: 1412190-07A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121706**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 02:31 PM**	

Compound	**%Recovery**
Benzene	83
Toluene	84
Ethyl Benzene	88
m,p-Xylene	89
o-Xylene	91
Tetrachloroethene	93
Trichloroethene	92
1,2,4-Trimethylbenzene	94
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: CCV

Lab ID#: 1412190-07B

EPA METHOD TO-15 GC/MS

File Name:	**14121729**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 06:55 PM**	

Compound	**%Recovery**
Benzene	98
Toluene	102
Ethyl Benzene	104
m,p-Xylene	106
o-Xylene	99
Tetrachloroethene	100
Trichloroethene	128
1,2,4-Trimethylbenzene	107
1,3,5-Trimethylbenzene	109
TPH ref. to Gasoline (MW=100)	100

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

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Client Sample ID: LCS

Lab ID#: 1412190-08A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 03:05 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	82	70-130
Toluene	82	70-130
Ethyl Benzene	88	70-130
m,p-Xylene	91	70-130
o-Xylene	91	70-130
Tetrachloroethene	92	70-130
Trichloroethene	88	70-130
1,2,4-Trimethylbenzene	103	70-130
1,3,5-Trimethylbenzene	110	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: LCSD

Lab ID#: 1412190-08AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**a121708**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 03:39 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	84	70-130
Toluene	84	70-130
Ethyl Benzene	88	70-130
m,p-Xylene	91	70-130
o-Xylene	92	70-130
Tetrachloroethene	91	70-130
Trichloroethene	90	70-130
1,2,4-Trimethylbenzene	106	70-130
1,3,5-Trimethylbenzene	114	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: LCS

Lab ID#: 1412190-08B

EPA METHOD TO-15 GC/MS

File Name:	**14121730**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 07:20 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	88	70-130
Toluene	92	70-130
Ethyl Benzene	92	70-130
m,p-Xylene	97	70-130
o-Xylene	91	70-130
Tetrachloroethene	87	70-130
Trichloroethene	94	70-130
1,2,4-Trimethylbenzene	108	70-130
1,3,5-Trimethylbenzene	112	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

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Client Sample ID: LCSD

Lab ID#: 1412190-08BB

EPA METHOD TO-15 GC/MS

File Name:	**14121731**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/14 07:43 PM**	

Compound	**%Recovery**	**Method Limits**
Benzene	92	70-130
Toluene	95	70-130
Ethyl Benzene	96	70-130
m,p-Xylene	100	70-130
o-Xylene	94	70-130
Tetrachloroethene	91	70-130
Trichloroethene	96	70-130
1,2,4-Trimethylbenzene	116	70-130
1,3,5-Trimethylbenzene	116	70-130
TPH ref. to Gasoline (MW=100)	Not Spiked	

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

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Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER / Mark Hammer
Company ARCADIS Email MICHAEL.NESKY@ARCADIS-US.COM
Address 4201 N 87th ST #135 City SCOTTSDALE State AZ Zip 85260
Phone 480 905-9311 Fax 480 905-9353

Project Info:
P.O. #
Project # ST010022.0029.00002
Project Name SILVERCROFT / KMEP

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-120514-EFF	36471	12/05/14	16:30	TO15 + TPH	-28	-1.5		
02A	VSP-120514-MID CAR	11551	↓	16:40	↓	-28	-2.0		
03A	VSP-120514-MID CAR DUP	35635	↓	16:40	↓	-28	-2.0		
04A	VSP-120514-POST OX	34620	↓	16:55	↓	-28	-2.0		
05A	VSP-120514-INF	37798	↓	17:05	↓	-27	-1.0		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/9/14 12:40	FEDEX	12/9/14 12:40
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		[illegible] EAT	12/10/14 1010
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
CARBON #1 TEMP = 109 | #2 106
CARBON #1 RH = 30 | 23
TOTALIZER = 800765
Hz @ 40

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No ~~None~~	1412190

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254A

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SVE-2S-040407	Modified TO-15	3.0 "Hg
02A	SVE-2M-040407	Modified TO-15	3.0 "Hg
03A	SVE-2D-040407	Modified TO-15	2.5 "Hg
04A	SVE-3S-040407	Modified TO-15	2.5 "Hg
05A	SVE-3M-040407	Modified TO-15	2.5 "Hg
06A	SVE-3D-040407	Modified TO-15	2.5 "Hg
07A	SVE-4S-040407	Modified TO-15	0.4 psi
08A	SVE-4M-040407	Modified TO-15	2.5 "Hg
09A	SVE-4D-040407	Modified TO-15	3.0 "Hg
10A	SVE-5S-040407	Modified TO-15	2.0 "Hg
11A	SVE-5I-040407	Modified TO-15	2.5 "Hg
12A	SVE-5M-040407	Modified TO-15	2.0 "Hg
13A	SVE-5D-040407	Modified TO-15	3.0 "Hg
14A	SVE-1-040407	Modified TO-15	3.0 "Hg
15A	MW-4-040507	Modified TO-15	3.0 "Hg
16A	MW-8-040507	Modified TO-15	1.5 "Hg
17A	MW-10-040507	Modified TO-15	3.0 "Hg

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254A

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
18A	MW-9-040507	Modified TO-15	2.0 "Hg
19A	SVM-3-040507	Modified TO-15	3.0 "Hg
20A	SVM-2-040507	Modified TO-15	0.2 psi
21A	Lab Blank	Modified TO-15	NA
21B	Lab Blank	Modified TO-15	NA
22A	CCV	Modified TO-15	NA
22B	CCV	Modified TO-15	NA
23A	LCS	Modified TO-15	NA
23B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/09/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0704254A

Twenty 1 Liter Summa Canister samples were received on April 12, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample SVE-3S-040407 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

The recovery of surrogate 1,2-Dichloroethane-d4 in samples SVE-2S-040407, SVE-3S-040407, SVE-3M-040407, SVE-4S-040407, SVE-4M-040407, SVE-5S-040407, SVE-5I-040407 and SVE-5M-040407 was outside control limits due to high level hydrocarbon matrix interference. Data is reported as qualified.

Dilution was performed on samples SVE-2S-040407, SVE-3S-040407, SVE-3M-040407, SVE-3D-040407, MW-4-040507, MW-8-040507, MW-10-040507 and MW-9-040507 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-2S-040407

Lab ID#: 0704254A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	45	5100	160	18000
TPH ref. to Gasoline (MW=100)	900	370000	3700	1500000

Client Sample ID: SVE-2M-040407

Lab ID#: 0704254A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	11000	4400000	40000	16000000
Benzene	11000	170000	36000	550000
Toluene	11000	280000	42000	1100000
m,p-Xylene	11000	100000	49000	460000
o-Xylene	11000	35000	49000	150000
TPH ref. to Gasoline (MW=100)	220000	38000000	920000	150000000

Client Sample ID: SVE-2D-040407

Lab ID#: 0704254A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	22000	5800000	79000	21000000
Benzene	22000	930000	70000	3000000
Toluene	22000	1100000	83000	4300000
Ethyl Benzene	22000	70000	96000	310000
m,p-Xylene	22000	180000	96000	770000
o-Xylene	22000	51000	96000	220000
TPH ref. to Gasoline (MW=100)	440000	72000000	1800000	290000000

Client Sample ID: SVE-3S-040407

Lab ID#: 0704254A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	130	14000	480	51000
Toluene	130	920	500	3500
m,p-Xylene	130	560	580	2400
o-Xylene	130	600	580	2600
TPH ref. to Gasoline (MW=100)	2700	780000	11000	3200000

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-3M-040407

Lab ID#: 0704254A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	44	5200	160	19000
TPH ref. to Gasoline (MW=100)	880	370000	3600	1500000

Client Sample ID: SVE-3D-040407

Lab ID#: 0704254A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1800	150000	6300	540000
Toluene	1800	20000	6600	76000
Ethyl Benzene	1800	2200	7600	9400
m,p-Xylene	1800	6100	7600	27000
o-Xylene	1800	2700	7600	12000
TPH ref. to Gasoline (MW=100)	35000	15000000	140000	62000000

Client Sample ID: SVE-4S-040407

Lab ID#: 0704254A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	160	28000	590	100000
Toluene	160	16000	620	62000
Ethyl Benzene	160	3000	710	13000
m,p-Xylene	160	22000	710	98000
o-Xylene	160	11000	710	49000
TPH ref. to Gasoline (MW=100)	3300	1900000	13000	7700000

Client Sample ID: SVE-4M-040407

Lab ID#: 0704254A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	280	81000	990	290000
Toluene	280	2900	1000	11000
m,p-Xylene	280	4600	1200	20000
o-Xylene	280	2200	1200	9800
TPH ref. to Gasoline (MW=100)	5500	2900000	22000	12000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-4D-040407

Lab ID#: 0704254A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	15000	4200000	54000	15000000
Benzene	15000	710000	48000	2300000
Toluene	15000	1100000	56000	4100000
Ethyl Benzene	15000	50000	65000	220000
m,p-Xylene	15000	140000	65000	620000
o-Xylene	15000	51000	65000	220000
TPH ref. to Gasoline (MW=100)	300000	63000000	1200000	260000000

Client Sample ID: SVE-5S-040407

Lab ID#: 0704254A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	240	78000	860	280000
Toluene	240	12000	900	44000
Ethyl Benzene	240	430	1000	1800
m,p-Xylene	240	11000	1000	50000
o-Xylene	240	6100	1000	26000
TPH ref. to Gasoline (MW=100)	4800	2800000	20000	12000000

Client Sample ID: SVE-5I-040407

Lab ID#: 0704254A-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	280	84000	1000	300000
Toluene	280	6200	1100	23000
Ethyl Benzene	280	410	1200	1800
m,p-Xylene	280	12000	1200	53000
o-Xylene	280	6600	1200	28000
TPH ref. to Gasoline (MW=100)	5600	3000000	23000	12000000

Client Sample ID: SVE-5M-040407

Lab ID#: 0704254A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	720	280000	2600	1000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVE-5M-040407

Lab ID#: 0704254A-12A

Toluene	720	8400	2700	32000
m,p-Xylene	720	9100	3100	40000
o-Xylene	720	3000	3100	13000
TPH ref. to Gasoline (MW=100)	14000	8000000	59000	32000000

Client Sample ID: SVE-5D-040407

Lab ID#: 0704254A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	15000	4100000	54000	15000000
Benzene	15000	1100000	48000	3600000
Toluene	15000	1400000	56000	5300000
Ethyl Benzene	15000	78000	65000	340000
m,p-Xylene	15000	190000	65000	810000
o-Xylene	15000	60000	65000	260000
TPH ref. to Gasoline (MW=100)	300000	86000000	1200000	350000000

Client Sample ID: SVE-1-040407

Lab ID#: 0704254A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	19000	4600000	67000	17000000
Benzene	19000	980000	60000	3100000
Toluene	19000	2100000	70000	8000000
Ethyl Benzene	19000	150000	81000	650000
m,p-Xylene	19000	370000	81000	1600000
o-Xylene	19000	120000	81000	510000
TPH ref. to Gasoline (MW=100)	370000	71000000	1500000	290000000

Client Sample ID: MW-4-040507

Lab ID#: 0704254A-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	74000	8900000	270000	32000000
Benzene	74000	640000	240000	2000000
Toluene	74000	730000	280000	2800000
m,p-Xylene	74000	350000	320000	1500000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-4-040507

Lab ID#: 0704254A-15A

o-Xylene	74000	110000	320000	500000
TPH ref. to Gasoline (MW=100)	1500000	200000000	6100000	830000000

Client Sample ID: MW-8-040507

Lab ID#: 0704254A-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	38000	630000	140000	2300000
Benzene	38000	340000	120000	1100000
Toluene	38000	390000	140000	1500000
m,p-Xylene	38000	140000	160000	600000
o-Xylene	38000	64000	160000	280000
TPH ref. to Gasoline (MW=100)	760000	140000000	3100000	580000000

Client Sample ID: MW-10-040507

Lab ID#: 0704254A-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	52000	1100000	190000	4100000
Benzene	52000	550000	170000	1800000
Toluene	52000	370000	200000	1400000
m,p-Xylene	52000	80000	220000	340000
TPH ref. to Gasoline (MW=100)	1000000	130000000	4200000	540000000

Client Sample ID: MW-9-040507

Lab ID#: 0704254A-18A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	47000	780000	170000	2800000
Benzene	47000	530000	150000	1700000
Toluene	47000	360000	180000	1400000
m,p-Xylene	47000	58000	200000	250000
TPH ref. to Gasoline (MW=100)	940000	130000000	3800000	540000000

Client Sample ID: SVM-3-040507

Lab ID#: 0704254A-19A

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVM-3-040507

Lab ID#: 0704254A-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	20	4.0	73
Toluene	1.1	1.3	4.2	4.8
TPH ref. to Gasoline (MW=100)	22	1000	92	4100

Client Sample ID: SVM-2-040507

Lab ID#: 0704254A-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1.0	5.1	3.2	16
Toluene	1.0	3.8	3.7	14
TPH ref. to Gasoline (MW=100)	20	5500	81	23000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2S-040407

Lab ID#: 0704254A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041915**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**89.6**	**Date of Analysis:**	**4/19/07 09:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	45	5100	160	18000
Benzene	45	Not Detected	140	Not Detected
Toluene	45	Not Detected	170	Not Detected
Ethyl Benzene	45	Not Detected	190	Not Detected
m,p-Xylene	45	Not Detected	190	Not Detected
o-Xylene	45	Not Detected	190	Not Detected
TPH ref. to Gasoline (MW=100)	900	370000	3700	1500000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	151 Q	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2M-040407

Lab ID#: 0704254A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041916**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**22400**	**Date of Analysis:**	**4/20/07 12:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	11000	4400000	40000	16000000
Benzene	11000	170000	36000	550000
Toluene	11000	280000	42000	1100000
Ethyl Benzene	11000	Not Detected	49000	Not Detected
m,p-Xylene	11000	100000	49000	460000
o-Xylene	11000	35000	49000	150000
TPH ref. to Gasoline (MW=100)	220000	38000000	920000	150000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2D-040407

Lab ID#: 0704254A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041921**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**44000**	**Date of Analysis:**	**4/20/07 03:39 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	22000	5800000	79000	21000000
Benzene	22000	930000	70000	3000000
Toluene	22000	1100000	83000	4300000
Ethyl Benzene	22000	70000	96000	310000
m,p-Xylene	22000	180000	96000	770000
o-Xylene	22000	51000	96000	220000
TPH ref. to Gasoline (MW=100)	440000	72000000	1800000	290000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3S-040407

Lab ID#: 0704254A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041917**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**267**	**Date of Analysis:**	**4/20/07 01:01 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	130	14000	480	51000
Benzene	130	Not Detected	430	Not Detected
Toluene	130	920	500	3500
Ethyl Benzene	130	Not Detected	580	Not Detected
m,p-Xylene	130	560	580	2400
o-Xylene	130	600	580	2600
TPH ref. to Gasoline (MW=100)	2700	780000	11000	3200000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	132 Q	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3M-040407

Lab ID#: 0704254A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041920**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**88.0**	**Date of Analysis:**	**4/20/07 03:08 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	44	5200	160	19000
Benzene	44	Not Detected	140	Not Detected
Toluene	44	Not Detected	160	Not Detected
Ethyl Benzene	44	Not Detected	190	Not Detected
m,p-Xylene	44	Not Detected	190	Not Detected
o-Xylene	44	Not Detected	190	Not Detected
TPH ref. to Gasoline (MW=100)	880	370000	3600	1500000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	154 Q	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3D-040407

Lab ID#: 0704254A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041918**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**3520**	**Date of Analysis:**	**4/20/07 01:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1800	150000	6300	540000
Benzene	1800	Not Detected	5600	Not Detected
Toluene	1800	20000	6600	76000
Ethyl Benzene	1800	2200	7600	9400
m,p-Xylene	1800	6100	7600	27000
o-Xylene	1800	2700	7600	12000
TPH ref. to Gasoline (MW=100)	35000	15000000	140000	62000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4S-040407

Lab ID#: 0704254A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041930**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**328**	**Date of Analysis:**	**4/20/07 09:01 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	160	28000	590	100000
Benzene	160	Not Detected	520	Not Detected
Toluene	160	16000	620	62000
Ethyl Benzene	160	3000	710	13000
m,p-Xylene	160	22000	710	98000
o-Xylene	160	11000	710	49000
TPH ref. to Gasoline (MW=100)	3300	1900000	13000	7700000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	153 Q	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4M-040407

Lab ID#: 0704254A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041931**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**550**	**Date of Analysis:**	**4/20/07 09:29 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	280	81000	990	290000
Benzene	280	Not Detected	880	Not Detected
Toluene	280	2900	1000	11000
Ethyl Benzene	280	Not Detected	1200	Not Detected
m,p-Xylene	280	4600	1200	20000
o-Xylene	280	2200	1200	9800
TPH ref. to Gasoline (MW=100)	5500	2900000	22000	12000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	145 Q	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4D-040407

Lab ID#: 0704254A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041924**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**29900**	**Date of Analysis:**	**4/20/07 06:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	15000	4200000	54000	15000000
Benzene	15000	710000	48000	2300000
Toluene	15000	1100000	56000	4100000
Ethyl Benzene	15000	50000	65000	220000
m,p-Xylene	15000	140000	65000	620000
o-Xylene	15000	51000	65000	220000
TPH ref. to Gasoline (MW=100)	300000	63000000	1200000	260000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5S-040407

Lab ID#: 0704254A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041925**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**480**	**Date of Analysis:**	**4/20/07 06:30 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	240	78000	860	280000
Benzene	240	Not Detected	770	Not Detected
Toluene	240	12000	900	44000
Ethyl Benzene	240	430	1000	1800
m,p-Xylene	240	11000	1000	50000
o-Xylene	240	6100	1000	26000
TPH ref. to Gasoline (MW=100)	4800	2800000	20000	12000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	155 Q	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5I-040407

Lab ID#: 0704254A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041926**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**565**	**Date of Analysis:**	**4/20/07 06:58 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	280	84000	1000	300000
Benzene	280	Not Detected	900	Not Detected
Toluene	280	6200	1100	23000
Ethyl Benzene	280	410	1200	1800
m,p-Xylene	280	12000	1200	53000
o-Xylene	280	6600	1200	28000
TPH ref. to Gasoline (MW=100)	5600	3000000	23000	12000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	139 Q	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5M-040407

Lab ID#: 0704254A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041927**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**1440**	**Date of Analysis:**	**4/20/07 07:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	720	280000	2600	1000000
Benzene	720	Not Detected	2300	Not Detected
Toluene	720	8400	2700	32000
Ethyl Benzene	720	Not Detected	3100	Not Detected
m,p-Xylene	720	9100	3100	40000
o-Xylene	720	3000	3100	13000
TPH ref. to Gasoline (MW=100)	14000	8000000	59000	32000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	146 Q	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5D-040407

Lab ID#: 0704254A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042009**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**29900**	**Date of Analysis:**	**4/20/07 08:47 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	15000	4100000	54000	15000000
Benzene	15000	1100000	48000	3600000
Toluene	15000	1400000	56000	5300000
Ethyl Benzene	15000	78000	65000	340000
m,p-Xylene	15000	190000	65000	810000
o-Xylene	15000	60000	65000	260000
TPH ref. to Gasoline (MW=100)	300000	86000000	1200000	350000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	125	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-1-040407

Lab ID#: 0704254A-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041929**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**37300**	**Date of Analysis:**	**4/20/07 08:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	19000	4600000	67000	17000000
Benzene	19000	980000	60000	3100000
Toluene	19000	2100000	70000	8000000
Ethyl Benzene	19000	150000	81000	650000
m,p-Xylene	19000	370000	81000	1600000
o-Xylene	19000	120000	81000	510000
TPH ref. to Gasoline (MW=100)	370000	71000000	1500000	290000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-4-040507

Lab ID#: 0704254A-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042017**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**149000**	**Date of Analysis:**	**4/21/07 01:07 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	74000	8900000	270000	32000000
Benzene	74000	640000	240000	2000000
Toluene	74000	730000	280000	2800000
Ethyl Benzene	74000	Not Detected	320000	Not Detected
m,p-Xylene	74000	350000	320000	1500000
o-Xylene	74000	110000	320000	500000
TPH ref. to Gasoline (MW=100)	1500000	200000000	6100000	830000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-8-040507

Lab ID#: 0704254A-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042012**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**76100**	**Date of Analysis:**	**4/20/07 10:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	38000	630000	140000	2300000
Benzene	38000	340000	120000	1100000
Toluene	38000	390000	140000	1500000
Ethyl Benzene	38000	Not Detected	160000	Not Detected
m,p-Xylene	38000	140000	160000	600000
o-Xylene	38000	64000	160000	280000
TPH ref. to Gasoline (MW=100)	760000	140000000	3100000	580000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-10-040507

Lab ID#: 0704254A-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042013**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**104000**	**Date of Analysis:**	**4/20/07 10:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	52000	1100000	190000	4100000
Benzene	52000	550000	170000	1800000
Toluene	52000	370000	200000	1400000
Ethyl Benzene	52000	Not Detected	220000	Not Detected
m,p-Xylene	52000	80000	220000	340000
o-Xylene	52000	Not Detected	220000	Not Detected
TPH ref. to Gasoline (MW=100)	1000000	130000000	4200000	540000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-9-040507

Lab ID#: 0704254A-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042011**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**93900**	**Date of Analysis:**	**4/20/07 09:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	47000	780000	170000	2800000
Benzene	47000	530000	150000	1700000
Toluene	47000	360000	180000	1400000
Ethyl Benzene	47000	Not Detected	200000	Not Detected
m,p-Xylene	47000	58000	200000	250000
o-Xylene	47000	Not Detected	200000	Not Detected
TPH ref. to Gasoline (MW=100)	940000	130000000	3800000	540000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-3-040507

Lab ID#: 0704254A-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041913**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**4/19/07 08:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	20	4.0	73
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	1.3	4.2	4.8
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
TPH ref. to Gasoline (MW=100)	22	1000	92	4100

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-2-040507

Lab ID#: 0704254A-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041908**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**1.99**	**Date of Analysis:**	**4/19/07 06:24 PM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
Benzene	1.0	5.1	3.2	16
Toluene	1.0	3.8	3.7	14
Ethyl Benzene	1.0	Not Detected	4.3	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	1.0	Not Detected	4.3	Not Detected
TPH ref. to Gasoline (MW=100)	20	5500	81	23000

Container Type: 1 Liter Summa Canister

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254A-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041907**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/19/07 02:50 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254A-21B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/07 02:14 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254A-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/19/07 10:12 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	103
Benzene	97
Toluene	98
Ethyl Benzene	106
m,p-Xylene	104
o-Xylene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254A-22B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/07 10:53 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	104
Benzene	94
Toluene	100
Ethyl Benzene	101
m,p-Xylene	104
o-Xylene	101
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254A-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5041904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/19/07 11:23 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	117
Benzene	104
Toluene	111
Ethyl Benzene	112
m,p-Xylene	113
o-Xylene	110
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254A-23B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/07 11:21 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	122
Benzene	103
Toluene	113
Ethyl Benzene	113
m,p-Xylene	110
o-Xylene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	102	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Ned Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Inc Email: sean.coury@lfr.com
Address: 14201 N. 87th St. City: Scottsdale State: AZ Zip: 85260
Phone: 480-903-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002213-Phase007
Project Name: Kmep: Silverroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFR
Date: 4/18/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	SVE-2S-040407	12378	4/4/07	12:09	TPH, MTBE, BTEX, TO-15	26	0	3.0"Hg	15.0psi
02A	SVE-2M-040407	35642	4/4/07	12:35	"	27	0	3.0"Hg	
03A	SVE-2D-040407 SC 16	35601	4/4/07	12:53	"	27	0	2.5"Hg	
04A	SVE-3S-040407	2783105	"	14:36	"	26.5	0	2.5"Hg	
05A	SVE-3M-040407	34180	"	14:46	"	27	0	2.5"Hg	
06A	SVE-3D-040407	35543	"	14:54	"	26.5	0	2.5"Hg	
07A	SVE-4S-040407	33411	"	15:24	"	27	0	0.4"Hg	
08A	SVE-4M-040407	34618	"	15:34	"	27	0	2.5"Hg	
09A	SVE-4D-040407	35601	"	15:46	"	27	0	3.0"Hg	
10A	SVE-5S-040407	2194	"	16:16	"	27.5	0	2.0"Hg	

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Ryan O'Keefe 4-10-07 13:00	[signature] ATL 4/12/07 0930
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	B1017146852 8	NA	good	Yes No None	0704254

Form 1293 rev.11

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Ned Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc Email Sean.coury@lfr.com
Address 4201 N. 87 st suite 135 City Scottsdale State Az Zip 85260
Phone 480-905-9311 Fax

Project Info:
P.O. #
Project # 014-1002213 phase 007
Project Name Kmart: Silvercroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFR
Date: 4/18/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
11A	SVE-5I-040407	1733	04/04/07	16:21	TPH, MTBE, BTEX, TO-15	28	0	2.5"Hg	15.0
12A	SVE-5M-040407	12239	04/04/07	16:37	"	28	0	2.0"Hg	15.0
13A	SVE-5D-040407	33392	"	16:50	"	27	0	3.0"Hg	
14A	SVE-1-040407	2217	"	17:19	"	22.5	0	3.0"Hg	
15A	MW-4-040507	94102	4/05/07	13:05	"	27.0	0	3.0"Hg	
16A	MW-8-040507	24399	4/05/07	13:46	"	25.0	0	1.5"Hg	
17A	MW-10-040507	34092	4/5/07	14:28	"	28.0	0	3.0"Hg	
18A	MW-9-040507	33733	"	15:03	"	27	0	2.0"Hg	
19A	SVM-3-040507	2051	"	15:17	"	27.5	0	3.0"Hg	
20A	SVM-2-040507	34576	"	15:29	"	27	0	0.2"Hg	

1.52 psi VFR 4/18/07

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Ryan O'Keefe	4/10-07 13:00	[signature] ATL	4/12/07 0930
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	~~Fed Ex~~ ARC 4/10/07	B101714685 19	NA	good	Yes No None	0704254
	CA Overnight					

Form 1203 rev. 1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254B

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
21A	SVM-1-040507	Modified TO-15	3.0 "Hg
22A	MW-5-040507	Modified TO-15	3.5 "Hg
23A	MW-7-040507	Modified TO-15	3.0 "Hg
24A	MW-3-040507	Modified TO-15	3.0 "Hg
25A	MW-1-040507	Modified TO-15	3.0 "Hg
26A	MW-2-040607	Modified TO-15	3.0 "Hg
27A	MW-6-040607	Modified TO-15	3.5 "Hg
28A	MW-13-040607	Modified TO-15	2.0 "Hg
29A	MW-11-040607	Modified TO-15	3.5 "Hg
30A	MW-14-040607	Modified TO-15	3.5 "Hg
31A	MW-12-040607	Modified TO-15	2.5 "Hg
32A	MW-15-040607	Modified TO-15	3.5 "Hg
33A	MW-21-040607	Modified TO-15	2.0 "Hg
34A	MW-22-040607	Modified TO-15	3.5 "Hg
35A	MW-122-040607	Modified TO-15	3.5 "Hg
36A	MW-25-040607	Modified TO-15	3.5 "Hg
37A	MW-16-040607	Modified TO-15	3.0 "Hg

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254B

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
38A	MW-23-040907	Modified TO-15	3.0 "Hg
38AA	MW-23-040907 Lab Duplicate	Modified TO-15	3.0 "Hg
39A	MW-20-040907	Modified TO-15	3.0 "Hg
40A	MW-19-040907	Modified TO-15	3.0 "Hg
41A	Lab Blank	Modified TO-15	NA
41B	Lab Blank	Modified TO-15	NA
42A	CCV	Modified TO-15	NA
42B	CCV	Modified TO-15	NA
43A	LCS	Modified TO-15	NA
43B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 05/09/07

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0704254B

Twenty 1 Liter Summa Canister samples were received on April 12, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody was not relinquished properly. The discrepancy was noted in the Sample Receipt Confirmation email/fax.

Analytical Notes

The recovery of 1,2-Dichloroethane-d4 in samples MW-15-040607, MW-122-040607, MW-16-040607 and MW-23-040907 Duplicate was outside control limits due to matrix interference. All results duplicate between the original sample and its duplicate. There is no effect on data quality.

Dilution was performed on all samples due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SVM-1-040507

Lab ID#: 0704254B-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	8000	23000	26000	74000
Toluene	8000	9800	30000	37000
TPH ref. to Gasoline (MW=100)	160000	25000000	650000	100000000

Client Sample ID: MW-5-040507

Lab ID#: 0704254B-22A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	76000	3300000	280000	12000000
Benzene	76000	1200000	240000	3800000
Toluene	76000	810000	290000	3100000
m,p-Xylene	76000	110000	330000	470000
TPH ref. to Gasoline (MW=100)	1500000	210000000	6200000	850000000

Client Sample ID: MW-7-040507

Lab ID#: 0704254B-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	22000	89000	72000	280000
Toluene	22000	35000	84000	130000
TPH ref. to Gasoline (MW=100)	450000	100000000	1800000	420000000

Client Sample ID: MW-3-040507

Lab ID#: 0704254B-24A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	37000	650000	130000	2300000
Benzene	37000	90000	120000	290000
TPH ref. to Gasoline (MW=100)	750000	160000000	3000000	640000000

Client Sample ID: MW-1-040507

Lab ID#: 0704254B-25A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-1-040507

Lab ID#: 0704254B-25A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	45000	6100000	160000	22000000
Benzene	45000	320000	140000	1000000
Toluene	45000	130000	170000	490000
m,p-Xylene	45000	270000	190000	1200000
o-Xylene	45000	96000	190000	410000
TPH ref. to Gasoline (MW=100)	900000	130000000	3700000	520000000

Client Sample ID: MW-2-040607

Lab ID#: 0704254B-26A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	72000	4300000	260000	15000000
Benzene	72000	380000	230000	1200000
Toluene	72000	280000	270000	1000000
m,p-Xylene	72000	73000	310000	320000
TPH ref. to Gasoline (MW=100)	1400000	180000000	5900000	760000000

Client Sample ID: MW-6-040607

Lab ID#: 0704254B-27A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	40000	700000	140000	2500000
Benzene	40000	280000	130000	880000
Toluene	40000	160000	150000	600000
TPH ref. to Gasoline (MW=100)	790000	150000000	3200000	610000000

Client Sample ID: MW-13-040607

Lab ID#: 0704254B-28A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	31000	290000	98000	920000
Toluene	31000	150000	120000	580000
TPH ref. to Gasoline (MW=100)	620000	100000000	2500000	420000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-11-040607

Lab ID#: 0704254B-29A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	230000	68000000	940000	280000000

Client Sample ID: MW-14-040607

Lab ID#: 0704254B-30A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	140000	43000000	570000	180000000

Client Sample ID: MW-12-040607

Lab ID#: 0704254B-31A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	7400	13000	26000	49000
TPH ref. to Gasoline (MW=100)	150000	48000000	600000	200000000

Client Sample ID: MW-15-040607

Lab ID#: 0704254B-32A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	38000	29000000	160000	120000000

Client Sample ID: MW-21-040607

Lab ID#: 0704254B-33A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	4300	620000	16000	2200000
Benzene	4300	5200	14000	17000
Toluene	4300	5400	16000	20000
m,p-Xylene	4300	43000	19000	190000
o-Xylene	4300	19000	19000	83000
TPH ref. to Gasoline (MW=100)	86000	64000000	350000	260000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-22-040607

Lab ID#: 0704254B-34A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	4600	2000000	19000	8100000

Client Sample ID: MW-122-040607

Lab ID#: 0704254B-35A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	30000	37000000	120000	150000000

Client Sample ID: MW-25-040607

Lab ID#: 0704254B-36A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	570	160000	2300	670000

Client Sample ID: MW-16-040607

Lab ID#: 0704254B-37A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	9000	6200000	37000	25000000

Client Sample ID: MW-23-040907

Lab ID#: 0704254B-38A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1700	12000	5500	37000
Toluene	1700	1800	6500	6800
TPH ref. to Gasoline (MW=100)	34000	39000000	140000	160000000

Client Sample ID: MW-23-040907 Lab Duplicate

Lab ID#: 0704254B-38AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1700	12000	5500	39000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-23-040907 Lab Duplicate

Lab ID#: 0704254B-38AA

Toluene	1700	1800	6500	7000
TPH ref. to Gasoline (MW=100)	34000	38000000	140000	160000000

Client Sample ID: MW-20-040907

Lab ID#: 0704254B-39A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	9000	720000	32000	2600000
Benzene	9000	270000	28000	860000
Toluene	9000	140000	34000	520000
m,p-Xylene	9000	17000	39000	74000
TPH ref. to Gasoline (MW=100)	180000	150000000	730000	610000000

Client Sample ID: MW-19-040907

Lab ID#: 0704254B-40A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	11000	680000	38000	2400000
Benzene	11000	130000	34000	420000
Toluene	11000	69000	40000	260000
m,p-Xylene	11000	27000	46000	120000
o-Xylene	11000	18000	46000	78000
TPH ref. to Gasoline (MW=100)	210000	170000000	870000	690000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-1-040507

Lab ID#: 0704254B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042014**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**16000**	**Date of Analysis:**	**4/20/07 11:11 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	8000	Not Detected	29000	Not Detected
Benzene	8000	23000	26000	74000
Toluene	8000	9800	30000	37000
Ethyl Benzene	8000	Not Detected	35000	Not Detected
m,p-Xylene	8000	Not Detected	35000	Not Detected
o-Xylene	8000	Not Detected	35000	Not Detected
TPH ref. to Gasoline (MW=100)	160000	25000000	650000	100000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-5-040507

Lab ID#: 0704254B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042015**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**153000**	**Date of Analysis:**	**4/20/07 11:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	76000	3300000	280000	12000000
Benzene	76000	1200000	240000	3800000
Toluene	76000	810000	290000	3100000
Ethyl Benzene	76000	Not Detected	330000	Not Detected
m,p-Xylene	76000	110000	330000	470000
o-Xylene	76000	Not Detected	330000	Not Detected
TPH ref. to Gasoline (MW=100)	1500000	210000000	6200000	850000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-7-040507

Lab ID#: 0704254B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042016**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**44800**	**Date of Analysis:**	**4/21/07 12:10 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	22000	Not Detected	81000	Not Detected
Benzene	22000	89000	72000	280000
Toluene	22000	35000	84000	130000
Ethyl Benzene	22000	Not Detected	97000	Not Detected
m,p-Xylene	22000	Not Detected	97000	Not Detected
o-Xylene	22000	Not Detected	97000	Not Detected
TPH ref. to Gasoline (MW=100)	450000	100000000	1800000	420000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-3-040507

Lab ID#: 0704254B-24A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042018**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**74700**	**Date of Analysis:**	**4/21/07 02:15 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	37000	650000	130000	2300000
Benzene	37000	90000	120000	290000
Toluene	37000	Not Detected	140000	Not Detected
Ethyl Benzene	37000	Not Detected	160000	Not Detected
m,p-Xylene	37000	Not Detected	160000	Not Detected
o-Xylene	37000	Not Detected	160000	Not Detected
TPH ref. to Gasoline (MW=100)	750000	160000000	3000000	640000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-1-040507

Lab ID#: 0704254B-25A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042023**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**89600**	**Date of Analysis:**	**4/21/07 06:16 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	45000	6100000	160000	22000000
Benzene	45000	320000	140000	1000000
Toluene	45000	130000	170000	490000
Ethyl Benzene	45000	Not Detected	190000	Not Detected
m,p-Xylene	45000	270000	190000	1200000
o-Xylene	45000	96000	190000	410000
TPH ref. to Gasoline (MW=100)	900000	130000000	3700000	520000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-2-040607

Lab ID#: 0704254B-26A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042020**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**144000**	**Date of Analysis:**	**4/21/07 03:12 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	72000	4300000	260000	15000000
Benzene	72000	380000	230000	1200000
Toluene	72000	280000	270000	1000000
Ethyl Benzene	72000	Not Detected	310000	Not Detected
m,p-Xylene	72000	73000	310000	320000
o-Xylene	72000	Not Detected	310000	Not Detected
TPH ref. to Gasoline (MW=100)	1400000	180000000	5900000	760000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-6-040607

Lab ID#: 0704254B-27A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042021**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**79000**	**Date of Analysis:**	**4/21/07 03:45 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	40000	700000	140000	2500000
Benzene	40000	280000	130000	880000
Toluene	40000	160000	150000	600000
Ethyl Benzene	40000	Not Detected	170000	Not Detected
m,p-Xylene	40000	Not Detected	170000	Not Detected
o-Xylene	40000	Not Detected	170000	Not Detected
TPH ref. to Gasoline (MW=100)	790000	150000000	3200000	610000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-13-040607

Lab ID#: 0704254B-28A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042022**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**61700**	**Date of Analysis:**	**4/21/07 05:31 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	31000	Not Detected	110000	Not Detected
Benzene	31000	290000	98000	920000
Toluene	31000	150000	120000	580000
Ethyl Benzene	31000	Not Detected	130000	Not Detected
m,p-Xylene	31000	Not Detected	130000	Not Detected
o-Xylene	31000	Not Detected	130000	Not Detected
TPH ref. to Gasoline (MW=100)	620000	100000000	2500000	420000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-11-040607

Lab ID#: 0704254B-29A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042024**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**22900**	**Date of Analysis:**	**4/21/07 07:08 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	11000	Not Detected	41000	Not Detected
Benzene	11000	Not Detected	36000	Not Detected
Toluene	11000	Not Detected	43000	Not Detected
Ethyl Benzene	11000	Not Detected	50000	Not Detected
m,p-Xylene	11000	Not Detected	50000	Not Detected
o-Xylene	11000	Not Detected	50000	Not Detected
TPH ref. to Gasoline (MW=100)	230000	68000000	940000	280000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-14-040607

Lab ID#: 0704254B-30A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042025**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**13900**	**Date of Analysis:**	**4/21/07 07:36 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	7000	Not Detected	25000	Not Detected
Benzene	7000	Not Detected	22000	Not Detected
Toluene	7000	Not Detected	26000	Not Detected
Ethyl Benzene	7000	Not Detected	30000	Not Detected
m,p-Xylene	7000	Not Detected	30000	Not Detected
o-Xylene	7000	Not Detected	30000	Not Detected
TPH ref. to Gasoline (MW=100)	140000	43000000	570000	180000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-12-040607

Lab ID#: 0704254B-31A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042026**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**14700**	**Date of Analysis:**	**4/21/07 08:04 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	7400	13000	26000	49000
Benzene	7400	Not Detected	23000	Not Detected
Toluene	7400	Not Detected	28000	Not Detected
Ethyl Benzene	7400	Not Detected	32000	Not Detected
m,p-Xylene	7400	Not Detected	32000	Not Detected
o-Xylene	7400	Not Detected	32000	Not Detected
TPH ref. to Gasoline (MW=100)	150000	48000000	600000	200000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	125	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-15-040607

Lab ID#: 0704254B-32A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042325**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**3820**	**Date of Analysis:**	**4/24/07 03:57 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1900	Not Detected	6900	Not Detected
Benzene	1900	Not Detected	6100	Not Detected
Toluene	1900	Not Detected	7200	Not Detected
Ethyl Benzene	1900	Not Detected	8300	Not Detected
m,p-Xylene	1900	Not Detected	8300	Not Detected
o-Xylene	1900	Not Detected	8300	Not Detected
TPH ref. to Gasoline (MW=100)	38000	29000000	160000	120000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	136 Q	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-21-040607

Lab ID#: 0704254B-33A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042326**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**8640**	**Date of Analysis:**	**4/24/07 04:38 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	4300	620000	16000	2200000
Benzene	4300	5200	14000	17000
Toluene	4300	5400	16000	20000
Ethyl Benzene	4300	Not Detected	19000	Not Detected
m,p-Xylene	4300	43000	19000	190000
o-Xylene	4300	19000	19000	83000
TPH ref. to Gasoline (MW=100)	86000	64000000	350000	260000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	132 Q	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-22-040607

Lab ID#: 0704254B-34A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042328**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**458**	**Date of Analysis:**	**4/24/07 05:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	230	Not Detected	820	Not Detected
Benzene	230	Not Detected	730	Not Detected
Toluene	230	Not Detected	860	Not Detected
Ethyl Benzene	230	Not Detected	990	Not Detected
m,p-Xylene	230	Not Detected	990	Not Detected
o-Xylene	230	Not Detected	990	Not Detected
TPH ref. to Gasoline (MW=100)	4600	2000000	19000	8100000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-122-040607

Lab ID#: 0704254B-35A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042324**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**3050**	**Date of Analysis:**	**4/24/07 03:27 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1500	Not Detected	5500	Not Detected
Benzene	1500	Not Detected	4900	Not Detected
Toluene	1500	Not Detected	5700	Not Detected
Ethyl Benzene	1500	Not Detected	6600	Not Detected
m,p-Xylene	1500	Not Detected	6600	Not Detected
o-Xylene	1500	Not Detected	6600	Not Detected
TPH ref. to Gasoline (MW=100)	30000	37000000	120000	150000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	143 Q	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-25-040607

Lab ID#: 0704254B-36A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042327**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**57.2**	**Date of Analysis:**	**4/24/07 05:22 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	29	Not Detected	100	Not Detected
Benzene	29	Not Detected	91	Not Detected
Toluene	29	Not Detected	110	Not Detected
Ethyl Benzene	29	Not Detected	120	Not Detected
m,p-Xylene	29	Not Detected	120	Not Detected
o-Xylene	29	Not Detected	120	Not Detected
TPH ref. to Gasoline (MW=100)	570	160000	2300	670000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-16-040607

Lab ID#: 0704254B-37A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042322**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**896**	**Date of Analysis:**	**4/24/07 02:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	450	Not Detected	1600	Not Detected
Benzene	450	Not Detected	1400	Not Detected
Toluene	450	Not Detected	1700	Not Detected
Ethyl Benzene	450	Not Detected	1900	Not Detected
m,p-Xylene	450	Not Detected	1900	Not Detected
o-Xylene	450	Not Detected	1900	Not Detected
TPH ref. to Gasoline (MW=100)	9000	6200000	37000	25000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	142 Q	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-23-040907

Lab ID#: 0704254B-38A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042313**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**3450**	**Date of Analysis:**	**4/23/07 09:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1700	Not Detected	6200	Not Detected
Benzene	1700	12000	5500	37000
Toluene	1700	1800	6500	6800
Ethyl Benzene	1700	Not Detected	7500	Not Detected
m,p-Xylene	1700	Not Detected	7500	Not Detected
o-Xylene	1700	Not Detected	7500	Not Detected
TPH ref. to Gasoline (MW=100)	34000	39000000	140000	160000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	129	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-23-040907 Lab Duplicate

Lab ID#: 0704254B-38AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042314**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**3450**	**Date of Analysis:**	**4/23/07 09:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1700	Not Detected	6200	Not Detected
Benzene	1700	12000	5500	39000
Toluene	1700	1800	6500	7000
Ethyl Benzene	1700	Not Detected	7500	Not Detected
m,p-Xylene	1700	Not Detected	7500	Not Detected
o-Xylene	1700	Not Detected	7500	Not Detected
TPH ref. to Gasoline (MW=100)	34000	38000000	140000	160000000

Q = Exceeds Quality Control limits of 70% to 130%, due to matrix effects.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	131 Q	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-20-040907

Lab ID#: 0704254B-39A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042315**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**17900**	**Date of Analysis:**	**4/23/07 10:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	9000	720000	32000	2600000
Benzene	9000	270000	28000	860000
Toluene	9000	140000	34000	520000
Ethyl Benzene	9000	Not Detected	39000	Not Detected
m,p-Xylene	9000	17000	39000	74000
o-Xylene	9000	Not Detected	39000	Not Detected
TPH ref. to Gasoline (MW=100)	180000	150000000	730000	610000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	128	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-19-040907

Lab ID#: 0704254B-40A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042316**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**21300**	**Date of Analysis:**	**4/23/07 10:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	11000	680000	38000	2400000
Benzene	11000	130000	34000	420000
Toluene	11000	69000	40000	260000
Ethyl Benzene	11000	Not Detected	46000	Not Detected
m,p-Xylene	11000	27000	46000	120000
o-Xylene	11000	18000	46000	78000
TPH ref. to Gasoline (MW=100)	210000	170000000	870000	690000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	126	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254B-41A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/07 02:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254B-41B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042307**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/07 03:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254B-42A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/07 10:53 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	104
Benzene	94
Toluene	100
Ethyl Benzene	101
m,p-Xylene	104
o-Xylene	101
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254B-42B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/07 11:27 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	110
Benzene	94
Toluene	98
Ethyl Benzene	107
m,p-Xylene	103
o-Xylene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254B-43A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/07 11:21 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	122
Benzene	103
Toluene	113
Ethyl Benzene	113
m,p-Xylene	110
o-Xylene	111
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254B-43B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/07 12:53 PM**	

Compound	**%Recovery**
Methyl tert-butyl ether	110
Benzene	92
Toluene	102
Ethyl Benzene	102
m,p-Xylene	101
o-Xylene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	101	70-130

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(916) 985-1000 FAX (916) 985-1020

Project Manager: Ned Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR inc. Email: Sean.cory@lfr.com
Address: 14201 N. 87th St. Suite 135 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002213 phase 007
Project Name: KMEP: Silvercroft

Turn Around Time: ❑ Normal ❑ Rush specify

Lab Use Only
Pressurized by: DS
Date: 4/19/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
31A	MW-12 -040607	35649	04/06/07	1201	BTEX, MTBE, TPH, TO-15	27.5	0	2.5"Hg	15.0psi
32A	MW-15 -040607	35639	04/06/07	12:24	"	28	0	3.5"Hg	
33A	MW-21 -040607	34083	"	13:00	"	28.5	0	2.0"Hg	
34A	MW-22-040607	33412	"	13:33	"	28.5	0	3.5"Hg	
35A	MW-122-040607 SCOTT ~~33334~~		"	13:35	"	28.5	0	3.5"Hg	
36A	MW-25-040607	2110	"	14:10	"	28.5	0	3.5"Hg	
37A	MW-16 -040607	94928	"	14:37	"	27.5	0	3.0"Hg	
38A	MW-23 -040907	~~1236~~ 1756	~~04~~ RF 04/09/07	10:57	"	27.5	0	3.0"Hg	
39A	MW-20-040907	2068	04/09/07	11:27	"	28	0	3.0"Hg	
40A	MW-19-040907	34150	04/09/07	11:55	"	28	0	3.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Ryan O'Keefe	4-10-06 13:00	[illegible] ATL	4/12/07 0930
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	B101714685 28	NA	good	Yes No (None)	0704254

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Ned Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR inc. Email sean.coury@lfr.com
Address 14201 N. 87th St. suite 135 City Scottsdale State Az Zip 85260
Phone 480-905-9311 Fax

Project Info:
P.O. #
Project # 014-1002213 phase 007
Project Name KMEP: S. Vancroft

Turn Around Time:
❑ Normal
❑ Rush
specify

Lab Use Only
Pressurized by: BB
Date: 4/19/07
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
21A	SVM-1-040507	30812	4-5-07	15:39	TPH, MTEB, BTEX, TO-15	27.5	0	3.0"Hg	15.0 psi
22A	MW-5-040507	22963	"	16:12	"	27.3	0	3.5"Hg	
23A	MW-7-040507	2048	"	16:53	"	26.8	0	3.0"Hg	
24A	MW-3-040507	33410	"	17:18	"	27.0	0	3.0"Hg	
25A	MW-1-040507	12366	"	17:33	"	26.6	0	3.0"Hg	
26A	MW-2-040607	34669	4-6-07	10:00	"	26.5	0	3.0"Hg	
27A	MW-6-040607	14554	"	10:24	"	27	0	3.5"Hg	
28A	MW-13-040607	34161	"	10:45	"	27	0	2.0"Hg	
29A	MW-11-040607	25288	"	11:10	"	27	0	3.5"Hg	
30A	MW-14-040607	33709	"	11:35	"	26.5	0	3.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	4-10-07 13:00	[signature] ATL	4/12/07 0930
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	8101714685 19	NA	good	Yes No None	0704254

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254C

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/08/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
41A	MW-17-040907	Modified TO-15	3.0 "Hg
41AA	MW-17-040907 Lab Duplicate	Modified TO-15	3.0 "Hg
42A	MW-18-040907	Modified TO-15	3.5 "Hg
43A	MW-24-040907	Modified TO-15	3.0 "Hg
44A	MW-26-040907	Modified TO-15	3.0 "Hg
45A	Lab Blank	Modified TO-15	NA
46A	CCV	Modified TO-15	NA
47A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/09/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0704254C

Four 1 Liter Summa Canister samples were received on April 12, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample MW-18-040907 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-17-040907

Lab ID#: 0704254C-41A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	19000	3500000	67000	12000000
Benzene	19000	280000	60000	900000
Toluene	19000	230000	70000	880000
m,p-Xylene	19000	160000	81000	690000
o-Xylene	19000	73000	81000	320000
TPH ref. to Gasoline (MW=100)	370000	210000000	1500000	860000000

Client Sample ID: MW-17-040907 Lab Duplicate

Lab ID#: 0704254C-41AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	19000	3200000	67000	12000000
Benzene	19000	250000	60000	810000
Toluene	19000	200000	70000	740000
m,p-Xylene	19000	160000	81000	680000
o-Xylene	19000	73000	81000	320000
TPH ref. to Gasoline (MW=100)	370000	190000000	1500000	780000000

Client Sample ID: MW-18-040907

Lab ID#: 0704254C-42A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	460	42000	1600	150000
Benzene	460	13000	1500	43000
Toluene	460	30000	1700	110000
Ethyl Benzene	460	1700	2000	7500
m,p-Xylene	460	19000	2000	82000
o-Xylene	460	7300	2000	32000
TPH ref. to Gasoline (MW=100)	9200	5200000	37000	21000000

Client Sample ID: MW-24-040907

Lab ID#: 0704254C-43A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	1.1	1.6	4.2	6.0

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: MW-24-040907

Lab ID#: 0704254C-43A

TPH ref. to Gasoline (MW=100)	22	150	92	610

Client Sample ID: MW-26-040907

Lab ID#: 0704254C-44A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	75	4.0	270
TPH ref. to Gasoline (MW=100)	22	280	92	1100

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-17-040907

Lab ID#: 0704254C-41A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042317**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**37300**	**Date of Analysis:**	**4/23/07 11:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	19000	3500000	67000	12000000
Benzene	19000	280000	60000	900000
Toluene	19000	230000	70000	880000
Ethyl Benzene	19000	Not Detected	81000	Not Detected
m,p-Xylene	19000	160000	81000	690000
o-Xylene	19000	73000	81000	320000
TPH ref. to Gasoline (MW=100)	370000	210000000	1500000	860000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-17-040907 Lab Duplicate

Lab ID#: 0704254C-41AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042318**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**37300**	**Date of Analysis:**	**4/23/07 11:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	19000	3200000	67000	12000000
Benzene	19000	250000	60000	810000
Toluene	19000	200000	70000	740000
Ethyl Benzene	19000	Not Detected	81000	Not Detected
m,p-Xylene	19000	160000	81000	680000
o-Xylene	19000	73000	81000	320000
TPH ref. to Gasoline (MW=100)	370000	190000000	1500000	780000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	124	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-18-040907

Lab ID#: 0704254C-42A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042311**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**916**	**Date of Analysis:**	**4/23/07 07:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	460	42000	1600	150000
Benzene	460	13000	1500	43000
Toluene	460	30000	1700	110000
Ethyl Benzene	460	1700	2000	7500
m,p-Xylene	460	19000	2000	82000
o-Xylene	460	7300	2000	32000
TPH ref. to Gasoline (MW=100)	9200	5200000	37000	21000000

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-24-040907

Lab ID#: 0704254C-43A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042319**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**4/24/07 01:04 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	1.6	4.2	6.0
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
TPH ref. to Gasoline (MW=100)	22	150	92	610

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-26-040907

Lab ID#: 0704254C-44A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042320**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**4/24/07 01:36 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	1.1	75	4.0	270
Benzene	1.1	Not Detected	3.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
TPH ref. to Gasoline (MW=100)	22	280	92	1100

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254C-45A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042307**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/07 03:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254C-46A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/07 11:27 AM**	

Compound	**%Recovery**
Methyl tert-butyl ether	110
Benzene	94
Toluene	98
Ethyl Benzene	107
m,p-Xylene	103
o-Xylene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	120	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254C-47A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**5042305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/07 12:53 PM**	

Compound	**%Recovery**
Methyl tert-butyl ether	110
Benzene	92
Toluene	102
Ethyl Benzene	102
m,p-Xylene	101
o-Xylene	98
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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(916) 985-1000 FAX (916) 985-1020

Project Manager Neal Olers
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc. Email scan.keefe@lfr.com
Address 14201 N 87th St, Suite 135 City Scottsdale State AZ Zip 85260
Phone 480-905-9319 Fax

Project Info:
P.O. #
Project # 014-1002213 phase 057
Project Name MAEP: Silvercroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BB
Date: 4/19/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
41A	MW-17-040907	11480	04-09-07	12:19	BTEX, MTBE, TPH, To-15	28	0	3.0	15.0
42A	MW-18-040907	9538	"	12:46	"	27.5	0	3.5	
43A	MW-24-040907	9532	"	13:09	"	28.5	0	3.0	
44A	MW-26-040907	34586	"	13:32	"	28	0	3.0	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Ryan O'Keefe	4-10-07 13:00	[illegible] - ATL	4/12/07 0980°
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	B10171468519	NA	Good	Yes No (None)	0704254

Form 1243 rev. 14

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254D

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SVE-2S-040407	Mod. Method TO-15	3.0 "Hg
02A	SVE-2M-040407	Mod. Method TO-15	3.0 "Hg
03A	SVE-2D-040407	Mod. Method TO-15	2.5 "Hg
04A	SVE-3S-040407	Mod. Method TO-15	2.5 "Hg
05A	SVE-3M-040407	Mod. Method TO-15	2.5 "Hg
06A	SVE-3D-040407	Mod. Method TO-15	2.5 "Hg
07A	SVE-4S-040407	Mod. Method TO-15	0.4 psi
08A	SVE-4M-040407	Mod. Method TO-15	2.5 "Hg
09A	SVE-4D-040407	Mod. Method TO-15	3.0 "Hg
10A	SVE-5S-040407	Mod. Method TO-15	2.0 "Hg
10AA	SVE-5S-040407 Lab Duplicate	Mod. Method TO-15	2.0 "Hg
11A	SVE-5I-040407	Mod. Method TO-15	2.5 "Hg
12A	SVE-5M-040407	Mod. Method TO-15	2.0 "Hg
13A	SVE-5D-040407	Mod. Method TO-15	3.0 "Hg
14A	SVE-1-040407	Mod. Method TO-15	3.0 "Hg
14AA	SVE-1-040407 Lab Duplicate	Mod. Method TO-15	3.0 "Hg
15A	MW-4-040507	Mod. Method TO-15	3.0 "Hg

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254D

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16A	MW-8-040507	Mod. Method TO-15	1.5 "Hg
17A	MW-10-040507	Mod. Method TO-15	3.0 "Hg
18A	MW-9-040507	Mod. Method TO-15	2.0 "Hg
19A	SVM-3-040507	Mod. Method TO-15	3.0 "Hg
20A	SVM-2-040507	Mod. Method TO-15	0.2 psi
21A	Lab Blank	Mod. Method TO-15	NA
21B	Lab Blank	Mod. Method TO-15	NA
21C	Lab Blank	Mod. Method TO-15	NA
22A	CCV	Mod. Method TO-15	NA
22B	CCV	Mod. Method TO-15	NA
22C	CCV	Mod. Method TO-15	NA
23A	LCS	Mod. Method TO-15	NA
23B	LCS	Mod. Method TO-15	NA
23C	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/09/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0704254D

Twenty 1 Liter Summa Canister samples were received on April 12, 2007. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody (COC) information for sample SVE-3S-040407 did not match the information on the canister with regard to canister identification. The client was notified of the discrepancy and the information on the canister was used to process and report the sample.

Analytical Notes

Toluene-d8 was used as the internal standard due to high matrix interference in the samples.

Samples SVE-2S-040407, SVE-2M-040407, SVE-2D-040407, SVE-3S-040407, SVE-3M-040407, SVE-3D-040407, SVE-4S-040407, SVE-4M-040407, SVE-4D-040407, SVE-5S-040407, SVE-5S-040407 Lab Duplicate, SVE-5I-040407, SVE-5M-040407, SVE-5D-040407, SVE-1-040407, SVE-1-040407 Lab Duplicate, MW-10-040507 and MW-9-040507 were analyzed outside of the recommended hold time of 30 days. The client was contacted and the data provided.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: SVE-2S-040407

Lab ID#: 0704254D-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	12	76	80

Client Sample ID: SVE-2M-040407

Lab ID#: 0704254D-02A

No Detections Were Found.

Client Sample ID: SVE-2D-040407

Lab ID#: 0704254D-03A

No Detections Were Found.

Client Sample ID: SVE-3S-040407

Lab ID#: 0704254D-04A

No Detections Were Found.

Client Sample ID: SVE-3M-040407

Lab ID#: 0704254D-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	12	60	85	410

Client Sample ID: SVE-3D-040407

Lab ID#: 0704254D-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	120	160	790	1100

Client Sample ID: SVE-4S-040407

Lab ID#: 0704254D-07A

No Detections Were Found.

Client Sample ID: SVE-4M-040407

Lab ID#: 0704254D-08A

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: SVE-4M-040407

Lab ID#: 0704254D-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	74	200	500	1400

Client Sample ID: SVE-4D-040407

Lab ID#: 0704254D-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	320	340	2200	2300

Client Sample ID: SVE-5S-040407

Lab ID#: 0704254D-10A

No Detections Were Found.

Client Sample ID: SVE-5S-040407 Lab Duplicate

Lab ID#: 0704254D-10AA

No Detections Were Found.

Client Sample ID: SVE-5I-040407

Lab ID#: 0704254D-11A

No Detections Were Found.

Client Sample ID: SVE-5M-040407

Lab ID#: 0704254D-12A

No Detections Were Found.

Client Sample ID: SVE-5D-040407

Lab ID#: 0704254D-13A

No Detections Were Found.

Client Sample ID: SVE-1-040407

Lab ID#: 0704254D-14A

No Detections Were Found.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: SVE-1-040407 Lab Duplicate

Lab ID#: 0704254D-14AA

No Detections Were Found.

Client Sample ID: MW-4-040507

Lab ID#: 0704254D-15A

No Detections Were Found.

Client Sample ID: MW-8-040507

Lab ID#: 0704254D-16A

No Detections Were Found.

Client Sample ID: MW-10-040507

Lab ID#: 0704254D-17A

No Detections Were Found.

Client Sample ID: MW-9-040507

Lab ID#: 0704254D-18A

No Detections Were Found.

Client Sample ID: SVM-3-040507

Lab ID#: 0704254D-19A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	68	76	460

Client Sample ID: SVM-2-040507

Lab ID#: 0704254D-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	10	170	67	1200

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2S-040407

Lab ID#: 0704254D-01A

MODIFIED TO-15 GC/MS

File Name:	**c050730**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**5/8/07 03:02 AM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	12	76	80

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2M-040407

Lab ID#: 0704254D-02A

MODIFIED TO-15 GC/MS

File Name:	**c050731**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**4.48**	**Date of Analysis:**	**5/8/07 03:27 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	22	Not Detected	120	Not Detected
Tetrachloroethene	22	Not Detected	150	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-2D-040407

Lab ID#: 0704254D-03A

MODIFIED TO-15 GC/MS

File Name:	**c050810**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**62.8**	**Date of Analysis:**	**5/8/07 12:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	310	Not Detected	1700	Not Detected
Tetrachloroethene	310	Not Detected	2100	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3S-040407

Lab ID#: 0704254D-04A

MODIFIED TO-15 GC/MS

File Name:	**c050813**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**7.33**	**Date of Analysis:**	**5/8/07 01:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	37	Not Detected	200	Not Detected
Tetrachloroethene	37	Not Detected	250	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3M-040407

Lab ID#: 0704254D-05A

MODIFIED TO-15 GC/MS

File Name:	**c050814**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**2.51**	**Date of Analysis:**	**5/8/07 02:44 PM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	12	Not Detected	67	Not Detected
Tetrachloroethene	12	60	85	410

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-3D-040407

Lab ID#: 0704254D-06A

MODIFIED TO-15 GC/MS

File Name:	**c050815**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**23.2**	**Date of Analysis:**	**5/8/07 03:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	120	Not Detected	620	Not Detected
Tetrachloroethene	120	160	790	1100

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4S-040407

Lab ID#: 0704254D-07A

MODIFIED TO-15 GC/MS

File Name:	**c050816**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**12.1**	**Date of Analysis:**	**5/8/07 04:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	60	Not Detected	320	Not Detected
Tetrachloroethene	60	Not Detected	410	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4M-040407

Lab ID#: 0704254D-08A

MODIFIED TO-15 GC/MS

File Name:	**c050817**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**14.7**	**Date of Analysis:**	**5/8/07 04:34 PM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	74	Not Detected	400	Not Detected
Tetrachloroethene	74	200	500	1400

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-4D-040407

Lab ID#: 0704254D-09A

MODIFIED TO-15 GC/MS

File Name:	**c050818**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**64.0**	**Date of Analysis:**	**5/8/07 05:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	320	Not Detected	1700	Not Detected
Tetrachloroethene	320	340	2200	2300

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5S-040407

Lab ID#: 0704254D-10A

MODIFIED TO-15 GC/MS

File Name:	**c050819**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**18.8**	**Date of Analysis:**	**5/8/07 05:47 PM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	94	Not Detected	500	Not Detected
Tetrachloroethene	94	Not Detected	640	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5S-040407 Lab Duplicate

Lab ID#: 0704254D-10AA

MODIFIED TO-15 GC/MS

File Name:	**c050820**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**18.8**	**Date of Analysis:**	**5/8/07 06:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	94	Not Detected	500	Not Detected
Tetrachloroethene	94	Not Detected	640	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5I-040407

Lab ID#: 0704254D-11A

MODIFIED TO-15 GC/MS

File Name:	**c050821**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**19.6**	**Date of Analysis:**	**5/8/07 07:32 PM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	98	Not Detected	530	Not Detected
Tetrachloroethene	98	Not Detected	660	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5M-040407

Lab ID#: 0704254D-12A

MODIFIED TO-15 GC/MS

File Name:	**c050822**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**43.2**	**Date of Analysis:**	**5/8/07 08:09 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	220	Not Detected	1200	Not Detected
Tetrachloroethene	220	Not Detected	1500	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-5D-040407

Lab ID#: 0704254D-13A

MODIFIED TO-15 GC/MS

File Name:	**c050823**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**74.7**	**Date of Analysis:**	**5/8/07 08:35 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	370	Not Detected	2000	Not Detected
Tetrachloroethene	370	Not Detected	2500	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-1-040407

Lab ID#: 0704254D-14A

MODIFIED TO-15 GC/MS

File Name:	**c050824**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**74.7**	**Date of Analysis:**	**5/8/07 09:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	370	Not Detected	2000	Not Detected
Tetrachloroethene	370	Not Detected	2500	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVE-1-040407 Lab Duplicate

Lab ID#: 0704254D-14AA

MODIFIED TO-15 GC/MS

File Name:	**c050825**	**Date of Collection:**	**4/4/07**
Dil. Factor:	**74.7**	**Date of Analysis:**	**5/8/07 09:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	370	Not Detected	2000	Not Detected
Tetrachloroethene	370	Not Detected	2500	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-4-040507

Lab ID#: 0704254D-15A

MODIFIED TO-15 GC/MS

File Name:	**c050428**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**49.8**	**Date of Analysis:**	**5/4/07 06:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	250	Not Detected	1300	Not Detected
Tetrachloroethene	250	Not Detected	1700	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-8-040507

Lab ID#: 0704254D-16A

MODIFIED TO-15 GC/MS

File Name:	**c050430**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**38.7**	**Date of Analysis:**	**5/4/07 07:08 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	190	Not Detected	1000	Not Detected
Tetrachloroethene	190	Not Detected	1300	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-10-040507

Lab ID#: 0704254D-17A

MODIFIED TO-15 GC/MS

File Name:	**c050711**	**Date of Collection: 4/5/07**	
Dil. Factor:	**37.3**	**Date of Analysis: 5/7/07 05:00 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	190	Not Detected	1000	Not Detected
Tetrachloroethene	190	Not Detected	1300	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-9-040507

Lab ID#: 0704254D-18A

MODIFIED TO-15 GC/MS

File Name:	**c050712**	**Date of Collection: 4/5/07**	
Dil. Factor:	**36.0**	**Date of Analysis: 5/7/07 05:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	180	Not Detected	970	Not Detected
Tetrachloroethene	180	Not Detected	1200	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-3-040507

Lab ID#: 0704254D-19A

MODIFIED TO-15 GC/MS

File Name:	**c050425**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**5/4/07 04:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	68	76	460

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-2-040507

Lab ID#: 0704254D-20A

MODIFIED TO-15 GC/MS

File Name:	**c050426**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**1.99**	**Date of Analysis:**	**5/4/07 05:18 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	10	Not Detected	53	Not Detected
Tetrachloroethene	10	170	67	1200

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254D-21A

MODIFIED TO-15 GC/MS

File Name:	**c050424**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 04:09 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254D-21B

MODIFIED TO-15 GC/MS

File Name:	**c050710**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 04:23 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254D-21C

MODIFIED TO-15 GC/MS

File Name:	**c050809**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/07 11:34 AM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254D-22A

MODIFIED TO-15 GC/MS

File Name:	**c050421**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 02:30 PM**

Compound	**%Recovery**
Trichloroethene	99
Tetrachloroethene	95

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254D-22B

MODIFIED TO-15 GC/MS

File Name:	**c050708**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 03:16 PM**

Compound	**%Recovery**
Trichloroethene	114
Tetrachloroethene	86

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254D-22C

MODIFIED TO-15 GC/MS

File Name:	**c050806**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/07 09:27 AM**

Compound	**%Recovery**
Trichloroethene	101
Tetrachloroethene	72

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254D-23A

MODIFIED TO-15 GC/MS

File Name:	**c050423**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 03:36 PM**

Compound	**%Recovery**
Trichloroethene	115
Tetrachloroethene	109

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254D-23B

MODIFIED TO-15 GC/MS

File Name:	**c050709**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 03:51 PM**

Compound	**%Recovery**
Trichloroethene	124
Tetrachloroethene	99

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254D-23C

MODIFIED TO-15 GC/MS

File Name:	**c050808**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/8/07 10:34 AM**

Compound	**%Recovery**
Trichloroethene	120
Tetrachloroethene	89

Container Type: NA - Not Applicable

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Ned Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Inc Email: sean.coury@lfr.com
Address: 14201 N. 87th St. City: Scottsdale State: AZ Zip: 85260
Phone: 480-903-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002213-Phase007
Project Name: Kmep: Silverroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFR
Date: 4/18/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	SVE-2S-040407	12378	4/4/07	12:09	TPH, MTBE, BTEX, TO-15	26	0	3.0"Hg	15.0psi
02A	SVE-2M-040407	35642	4/4/07	12:35	"	27	0	3.0"Hg	
03A	SVE-2D-040407 SC 16	35601	4/4/07	12:53	"	27	0	2.5"Hg	
04A	SVE-3S-040407	2783105	"	14:36	"	26.5	0	2.5"Hg	
05A	SVE-3M-040407	34180	"	14:46	"	27	0	2.5"Hg	
06A	SVE-3D-040407	35543	"	14:54	"	26.5	0	2.5"Hg	
07A	SVE-4S-040407	33411	"	15:24	"	27	0	0.4"Hg	
08A	SVE-4M-040407	34618	"	15:34	"	27	0	2.5"Hg	
09A	SVE-4D-040407	35601	"	15:46	"	27	0	3.0"Hg	
10A	SVE-5S-040407	2194	"	16:16	"	27.5	0	2.0"Hg	

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Ryan O'Keefe 4-10-07 13:00	[signature] ATL 4/12/07 0930
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	B1017146852 8	NA	good	Yes No None	0704254

Form 1293 rev.11

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Ned Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc Email Sean.coury@lfr.com
Address 4201 N. 87 st suite 135 City Scottsdale State Az Zip 85260
Phone 480-905-9311 Fax

Project Info:
P.O. #
Project # 014-1002213 phase 007
Project Name Kmart: Silvercroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: VFR
Date: 4/18/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
11A	SVE-5I-040407	1733	04/04/07	16:21	TPH, MTBE, BTEX, TO-15	28	0	2.5"Hg	15.0
12A	SVE-5M-040407	12239	04/04/07	16:37	"	28	0	2.0"Hg	15.0
13A	SVE-5D-040407	33392	"	16:50	"	27	0	3.0"Hg	
14A	SVE-1-040407	2217	"	17:19	"	22.5	0	3.0"Hg	
15A	MW-4-040507	94102	4/05/07	13:05	"	27.0	0	3.0"Hg	
16A	MW-8-040507	24399	4/05/07	13:46	"	25.0	0	1.5"Hg	
17A	MW-10-040507	34092	4/5/07	14:28	"	28.0	0	3.0"Hg	
18A	MW-9-040507	33733	"	15:03	"	27	0	2.0"Hg	
19A	SVM-3-040507	2051	"	15:17	"	27.5	0	3.0"Hg	
20A	SVM-2-040507	34576	"	15:29	"	27	0	0.2"Hg	

1.52 psi VFR 4/18/07

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Ryan O'Keefe	4/10-07 13:00	[signature] ATL	4/12/07 0930
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	~~Fed Ex~~ ARC 4/10/07	B101714685 19	NA	good	Yes No None	0704254
	CA Overnight					

Form 1203 rev. 1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254E

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
21A	SVM-1-040507	Modified Method TO-15	3.0 "Hg
22A	MW-5-040507	Modified Method TO-15	3.5 "Hg
23A	MW-7-040507	Modified Method TO-15	3.0 "Hg
24A	MW-3-040507	Modified Method TO-15	3.0 "Hg
25A	MW-1-040507	Modified Method TO-15	3.0 "Hg
26A	MW-2-040607	Modified Method TO-15	3.0 "Hg
27A	MW-6-040607	Modified Method TO-15	3.5 "Hg
28A	MW-13-040607	Modified Method TO-15	2.0 "Hg
29A	MW-11-040607	Modified Method TO-15	3.5 "Hg
30A	MW-14-040607	Modified Method TO-15	3.5 "Hg
30AA	MW-14-040607 Lab Duplicate	Modified Method TO-15	3.5 "Hg
31A	MW-12-040607	Modified Method TO-15	2.5 "Hg
32A	MW-15-040607	Modified Method TO-15	3.5 "Hg
33A	MW-21-040607	Modified Method TO-15	2.0 "Hg
34A	MW-22-040607	Modified Method TO-15	3.5 "Hg
35A	MW-122-040607	Modified Method TO-15	3.5 "Hg
36A	MW-25-040607	Modified Method TO-15	3.5 "Hg

Continued on next page

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254E

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
37A	MW-16-040607	Modified Method TO-15	3.0 "Hg
38A	MW-23-040907	Modified Method TO-15	3.0 "Hg
39A	MW-20-040907	Modified Method TO-15	3.0 "Hg
40A	MW-19-040907	Modified Method TO-15	3.0 "Hg
41A	Lab Blank	Modified Method TO-15	NA
41B	Lab Blank	Modified Method TO-15	NA
42A	CCV	Modified Method TO-15	NA
42B	CCV	Modified Method TO-15	NA
43A	LCS	Modified Method TO-15	NA
43B	LCS	Modified Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 05/09/07

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0704254E

Twenty 1 Liter Summa Canister samples were received on April 12, 2007. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

The Chain of Custody was not relinquished properly. The discrepancy was noted in the Sample Receipt Confirmation email/fax.

Analytical Notes

Toluene-d8 was used as the internal standard due to high matrix interference in the samples.

Samples MW-122-040607, MW-25-040607 and MW-16-040607 was analyzed outside of the recommended 30 day hold time. The client was contacted and the data provided.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: SVM-1-040507

Lab ID#: 0704254E-21A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	170	76	1200

Client Sample ID: MW-5-040507

Lab ID#: 0704254E-22A

No Detections Were Found.

Client Sample ID: MW-7-040507

Lab ID#: 0704254E-23A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	400	76	2700

Client Sample ID: MW-3-040507

Lab ID#: 0704254E-24A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	23	76	160

Client Sample ID: MW-1-040507

Lab ID#: 0704254E-25A

No Detections Were Found.

Client Sample ID: MW-2-040607

Lab ID#: 0704254E-26A

No Detections Were Found.

Client Sample ID: MW-6-040607

Lab ID#: 0704254E-27A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	68	460	460	3100

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: MW-13-040607

Lab ID#: 0704254E-28A

No Detections Were Found.

Client Sample ID: MW-11-040607

Lab ID#: 0704254E-29A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	1700	78	11000

Client Sample ID: MW-14-040607

Lab ID#: 0704254E-30A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	560	62	3000
Tetrachloroethene	11	2200	78	15000

Client Sample ID: MW-14-040607 Lab Duplicate

Lab ID#: 0704254E-30AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	570	62	3100
Tetrachloroethene	11	2400	78	16000

Client Sample ID: MW-12-040607

Lab ID#: 0704254E-31A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	22	3900	150	26000

Client Sample ID: MW-15-040607

Lab ID#: 0704254E-32A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	40	78	270

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: MW-21-040607

Lab ID#: 0704254E-33A

No Detections Were Found.

Client Sample ID: MW-22-040607

Lab ID#: 0704254E-34A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	94	78	640

Client Sample ID: MW-122-040607

Lab ID#: 0704254E-35A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	1800	78	12000

Client Sample ID: MW-25-040607

Lab ID#: 0704254E-36A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	110	62	580
Tetrachloroethene	11	1300	78	8900

Client Sample ID: MW-16-040607

Lab ID#: 0704254E-37A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	840	76	5700

Client Sample ID: MW-23-040907

Lab ID#: 0704254E-38A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	200	60	1100
Tetrachloroethene	11	340	76	2300

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: MW-20-040907

Lab ID#: 0704254E-39A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	64	2900	430	20000

Client Sample ID: MW-19-040907

Lab ID#: 0704254E-40A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	32	2800	220	19000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: SVM-1-040507

Lab ID#: 0704254E-21A

MODIFIED TO-15 GC/MS

File Name:	**c050713**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**5/7/07 06:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	170	76	1200

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-5-040507

Lab ID#: 0704254E-22A

MODIFIED TO-15 GC/MS

File Name:	**c050714**	**Date of Collection: 4/5/07**	
Dil. Factor:	**91.6**	**Date of Analysis: 5/7/07 06:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	460	Not Detected	2500	Not Detected
Tetrachloroethene	460	Not Detected	3100	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-7-040507

Lab ID#: 0704254E-23A

MODIFIED TO-15 GC/MS

File Name:	**c050716**	**Date of Collection: 4/5/07**	
Dil. Factor:	**2.24**	**Date of Analysis: 5/7/07 07:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	400	76	2700

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-3-040507

Lab ID#: 0704254E-24A

MODIFIED TO-15 GC/MS

File Name:	**c050717**	**Date of Collection:**	**4/5/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**5/7/07 08:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	23	76	160

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-1-040507

Lab ID#: 0704254E-25A

MODIFIED TO-15 GC/MS

File Name:	**c050718**	**Date of Collection: 4/5/07**	
Dil. Factor:	**13.2**	**Date of Analysis: 5/7/07 09:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	66	Not Detected	350	Not Detected
Tetrachloroethene	66	Not Detected	450	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-2-040607

Lab ID#: 0704254E-26A

MODIFIED TO-15 GC/MS

File Name:	**c050719**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**28.0**	**Date of Analysis:**	**5/7/07 09:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	140	Not Detected	750	Not Detected
Tetrachloroethene	140	Not Detected	950	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-6-040607

Lab ID#: 0704254E-27A

MODIFIED TO-15 GC/MS

File Name:	**c050720**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**13.5**	**Date of Analysis:**	**5/7/07 09:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	68	Not Detected	360	Not Detected
Tetrachloroethene	68	460	460	3100

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-13-040607

Lab ID#: 0704254E-28A

MODIFIED TO-15 GC/MS

File Name:	**c050721**	**Date of Collection: 4/6/07**	
Dil. Factor:	**14.9**	**Date of Analysis: 5/7/07 10:30 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	74	Not Detected	400	Not Detected
Tetrachloroethene	74	Not Detected	500	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-11-040607

Lab ID#: 0704254E-29A

MODIFIED TO-15 GC/MS

File Name:	**c050431**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/4/07 07:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	62	Not Detected
Tetrachloroethene	11	1700	78	11000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-14-040607

Lab ID#: 0704254E-30A

MODIFIED TO-15 GC/MS

File Name:	**c050432**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/4/07 07:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	560	62	3000
Tetrachloroethene	11	2200	78	15000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-14-040607 Lab Duplicate

Lab ID#: 0704254E-30AA

MODIFIED TO-15 GC/MS

File Name:	**c050434**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/4/07 08:47 PM**

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	11	570	62	3100
Tetrachloroethene	11	2400	78	16000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-12-040607

Lab ID#: 0704254E-31A

MODIFIED TO-15 GC/MS

File Name:	**c050437**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**4.40**	**Date of Analysis:**	**5/4/07 09:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	22	Not Detected	120	Not Detected
Tetrachloroethene	22	3900	150	26000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-15-040607

Lab ID#: 0704254E-32A

MODIFIED TO-15 GC/MS

File Name:	**c050438**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/4/07 10:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	62	Not Detected
Tetrachloroethene	11	40	78	270

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-21-040607

Lab ID#: 0704254E-33A

MODIFIED TO-15 GC/MS

File Name:	**c050439**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**2.16**	**Date of Analysis:**	**5/4/07 10:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	58	Not Detected
Tetrachloroethene	11	Not Detected	73	Not Detected

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-22-040607

Lab ID#: 0704254E-34A

MODIFIED TO-15 GC/MS

File Name:	**c050440**	**Date of Collection: 4/6/07**	
Dil. Factor:	**2.29**	**Date of Analysis: 5/4/07 11:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	62	Not Detected
Tetrachloroethene	11	94	78	640

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-122-040607

Lab ID#: 0704254E-35A

MODIFIED TO-15 GC/MS

File Name:	**c050722**	**Date of Collection: 4/6/07**	
Dil. Factor:	**2.29**	**Date of Analysis: 5/7/07 10:59 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	11	Not Detected	62	Not Detected
Tetrachloroethene	11	1800	78	12000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-25-040607

Lab ID#: 0704254E-36A

MODIFIED TO-15 GC/MS

File Name:	**c050723**	**Date of Collection:**	**4/6/07**
Dil. Factor:	**2.29**	**Date of Analysis:**	**5/7/07 11:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	110	62	580
Tetrachloroethene	11	1300	78	8900

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-16-040607

Lab ID#: 0704254E-37A

MODIFIED TO-15 GC/MS

File Name:	**c050724**	**Date of Collection: 4/6/07**	
Dil. Factor:	**2.24**	**Date of Analysis: 5/7/07 11:50 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	840	76	5700

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-23-040907

Lab ID#: 0704254E-38A

MODIFIED TO-15 GC/MS

File Name:	**c050725**	**Date of Collection: 4/9/07**	
Dil. Factor:	**2.24**	**Date of Analysis: 5/8/07 12:20 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	200	60	1100
Tetrachloroethene	11	340	76	2300

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-20-040907

Lab ID#: 0704254E-39A

MODIFIED TO-15 GC/MS

File Name:	**c050726**	**Date of Collection: 4/9/07**	
Dil. Factor:	**12.8**	**Date of Analysis: 5/8/07 01:10 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	64	Not Detected	340	Not Detected
Tetrachloroethene	64	2900	430	20000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-19-040907

Lab ID#: 0704254E-40A

MODIFIED TO-15 GC/MS

File Name:	**c050727**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**6.40**	**Date of Analysis:**	**5/8/07 01:37 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	32	Not Detected	170	Not Detected
Tetrachloroethene	32	2800	220	19000

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254E-41A

MODIFIED TO-15 GC/MS

File Name:	**c050424**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 04:09 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254E-41B

MODIFIED TO-15 GC/MS

File Name:	**c050710**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 04:23 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254E-42A

MODIFIED TO-15 GC/MS

File Name:	**c050421**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 02:30 PM**

Compound	%Recovery
Trichloroethene	99
Tetrachloroethene	95

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254E-42B

MODIFIED TO-15 GC/MS

File Name:	**c050708**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 03:16 PM**

Compound	%Recovery
Trichloroethene	114
Tetrachloroethene	86

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254E-43A

MODIFIED TO-15 GC/MS

File Name:	**c050423**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 03:36 PM**

Compound	**%Recovery**
Trichloroethene	115
Tetrachloroethene	109

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254E-43B

MODIFIED TO-15 GC/MS

File Name:	**c050709**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 03:51 PM**

Compound	**%Recovery**
Trichloroethene	124
Tetrachloroethene	99

Container Type: NA - Not Applicable

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Neal Overs
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Inc. Email: Sean.coury@lfr.com
Address: 14201 N. 87th St. Suite 130 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002213 phase 007
Project Name: KMEP: Silverroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: DS
Date: 4/19/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
31A	MW-12 - 040607	35649	04/06/07	1201	BTEX, MTBE, TPH, TO-15	22.5	0	2.5" Hg	15.0 psi
32A	MW-15 - 040607	35639	04/06/07	12:24	"	28	0	3.5" Hg	
33A	MW-21 - 040607	34093	"	13:00	"	28.5	0	2.0" Hg	
34A	MW-22-040607	33412	"	13:33	"	28.5	0	3.5" Hg	
35A	MW-122-040607	~~33334~~ 33334	"	13:35	"	28.5	0	3.5" Hg	
36A	MW-25-040607	2110	"	14:10	"	28.5	0	3.5" Hg	
37A	MW-16 - 040607	94928	"	14:37	"	22.5	0	3.0" Hg	
38A	MW-23 - 040907	~~1755~~	~~04/09/07~~ RF 04/09/07	10:57	"	22.5	0	3.0" Hg	
39A	MW-20 - 040907	2068	04/09/07	11:27	"	28	0	3.0" Hg	
40A	MW-19 - 040907	34150	04/09/07	11:55	"	28	0	3.0" Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Ryan O'Keefe	4-10-06 13:00	[illegible] - ATL	4/12/07 0930
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Re Inquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	B101714685258	NA	good	Yes No (None)	0704254

Form 1285 rev.11

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Project Manager Neal Olvers
Collected by: (Print and Sign) Ryan O'Keefe
Company LER Inc. Email scan.cory@ler.com
Address 4201 N. 87th St. suite 155 City Scottsdale State Az Zip 85260
Phone 480-905-9311 Fax

Project Info:
P.O. #
Project # 04-100 2213 phase 007
Project Name KMEP: S. Norcroft

Turn Around Time:
❑ Normal
❑ Rush
specify

Lab Use Only
Pressurized by: BS
Date: 4/19/07
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
21A	SVM-1-040507	30812	4-5-07	15:39	TPH, MTBE, BTEX, TO-15	27.5	0	3.0	15.0
22A	MW-5-040507	22963	"	16:12	"	27.3	0	3.5	
23A	MW-7-040507	2048	"	16:53	"	26.8	0	3.0	
24A	MW-3-040507	33410	"	17:18	"	27.0	0	3.0	
25A	MW-1-040507	12366	"	17:33	"	26.6	0	3.0	
26A	MW-2-040607	34669	4-6-07	10:00	"	26.5	0	3.0	
27A	MW-6-040607	14154	"	10:20	"	27	0	3.5	
28A	MW-13-040607	34161	"	10:45	"	27	0	2.0	
29A	MW-11-040607	25298	"	11:10	"	27	0	3.5	
30A	MW-14-040607	33709	"	11:35	"	26.5	0	3.5	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	4-10-07 13:00	[signature] AIL	4/12/07 0930
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	8101714685519	NA	good	Yes No None	0704254

Form 1203 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0704254F

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 KMEP: Silvercroft
DATE RECEIVED:	04/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	05/09/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
41A	MW-17-040907	Modified Method TO-15	3.0 "Hg
42A	MW-18-040907	Modified Method TO-15	3.5 "Hg
43A	MW-24-040907	Modified Method TO-15	3.0 "Hg
44A	MW-26-040907	Modified Method TO-15	3.0 "Hg
45A	Lab Blank	Modified Method TO-15	NA
45B	Lab Blank	Modified Method TO-15	NA
46A	CCV	Modified Method TO-15	NA
46B	CCV	Modified Method TO-15	NA
47A	LCS	Modified Method TO-15	NA
47B	LCS	Modified Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 05/09/07

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0704254F

Four 1 Liter Summa Canister samples were received on April 12, 2007. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Toluene-d8 was used as the internal standard due to high matrix interference in the samples.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED TO-15 GC/MS

Client Sample ID: MW-17-040907

Lab ID#: 0704254F-41A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	110	670	760	4600

Client Sample ID: MW-18-040907

Lab ID#: 0704254F-42A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	16	78	110

Client Sample ID: MW-24-040907

Lab ID#: 0704254F-43A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	11	42	76	290

Client Sample ID: MW-26-040907

Lab ID#: 0704254F-44A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	24	60	130
Tetrachloroethene	11	280	76	1900

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Client Sample ID: MW-17-040907

Lab ID#: 0704254F-41A

MODIFIED TO-15 GC/MS

File Name:	**c050728**	**Date of Collection: 4/9/07**	
Dil. Factor:	**22.4**	**Date of Analysis: 5/8/07 02:08 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	110	Not Detected	600	Not Detected
Tetrachloroethene	110	670	760	4600

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-18-040907

Lab ID#: 0704254F-42A

MODIFIED TO-15 GC/MS

File Name:	**c050729**	**Date of Collection: 4/9/07**	
Dil. Factor:	**2.29**	**Date of Analysis: 5/8/07 02:34 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	62	Not Detected
Tetrachloroethene	11	16	78	110

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-24-040907

Lab ID#: 0704254F-43A

MODIFIED TO-15 GC/MS

File Name:	**c050429**	**Date of Collection:**	**4/9/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**5/4/07 06:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	60	Not Detected
Tetrachloroethene	11	42	76	290

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: MW-26-040907

Lab ID#: 0704254F-44A

MODIFIED TO-15 GC/MS

File Name:	**c050427**	**Date of Collection: 4/9/07**	
Dil. Factor:	**2.24**	**Date of Analysis: 5/4/07 05:47 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	24	60	130
Tetrachloroethene	11	280	76	1900

Container Type: 1 Liter Summa Canister

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254F-45A

MODIFIED TO-15 GC/MS

File Name:	**c050424**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 04:09 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0704254F-45B

MODIFIED TO-15 GC/MS

File Name:	**c050710**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 04:23 PM**	

Compound	**Rpt. Limit (ppbv)**	**Amount (ppbv)**	**Rpt. Limit (uG/m3)**	**Amount (uG/m3)**
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254F-46A

MODIFIED TO-15 GC/MS

File Name:	**c050421**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 02:30 PM**

Compound	%Recovery
Trichloroethene	99
Tetrachloroethene	95

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0704254F-46B

MODIFIED TO-15 GC/MS

File Name:	**c050708**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 03:16 PM**

Compound	**%Recovery**
Trichloroethene	114
Tetrachloroethene	86

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254F-47A

MODIFIED TO-15 GC/MS

File Name:	**c050423**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/4/07 03:36 PM**

Compound	**%Recovery**
Trichloroethene	115
Tetrachloroethene	109

Container Type: NA - Not Applicable

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0704254F-47B

MODIFIED TO-15 GC/MS

File Name:	**c050709**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/7/07 03:51 PM**

Compound	%Recovery
Trichloroethene	124
Tetrachloroethene	99

Container Type: NA - Not Applicable

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Project Manager Neal Olers
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc. Email scan.keefe@lfr.com
Address 14201 N 87th St, Suite 135 City Scottsdale State AZ Zip 85260
Phone 480-905-9319 Fax

Project Info:
P.O. #
Project # 014-1002213 phase 057
Project Name MAEP: Silvercroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by: BB
Date: 4/19/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
41A	MW-17-040907	11480	04-09-07	12:19	BTEX, MTBE, TPH, To-15	28	0	3.0	15.0
42A	MW-18-040907	9538	"	12:46	"	27.5	0	3.5	
43A	MW-24-040907	9532	"	13:09	"	28.5	0	3.0	
44A	MW-26-040907	34586	"	13:32	"	28	0	3.0	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Ryan O'Keefe	4-10-07 13:00	[illegible] - ATL	4/12/07 0980°
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	CA Overnight	B10171468519	NA	Good	Yes No (None)	0704254

Form 1243 rev. 14

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404259

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	01410022-06-007 Silvercroft Wash
DATE RECEIVED:	4/15/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/16/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	INF-1	Mod. Method TO-15	3.5 "Hg
01AA	INF-1 Duplicate	Mod. Method TO-15	3.5 "Hg
01B	INF-1	Mod. Method TO-15	3.5 "Hg
02A	EFF-1	Mod. Method TO-15	3.5 "Hg
03A	Lab Blank	Mod. Method TO-15	NA
04A	CCV	Mod. Method TO-15	NA
05A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 04/16/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404259

Two 1 Liter Silonite Canister (100% Certified) samples were received on April 15, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, sample INF-1 was analyzed to acheive lower reporting limits for Trichloroethene and Tetrachloroethene.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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SAMPLE NAME: INF-1

ID#: 0404259-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041523**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**81.1**	**Date of Analysis:**	**4/15/04 05:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	400	Not Detected	2000	Not Detected
Freon 113	400	Not Detected	3200	Not Detected
Chloroform	400	Not Detected	2000	Not Detected
1,1,1-Trichloroethane	400	Not Detected	2200	Not Detected
Carbon Tetrachloride	400	Not Detected	2600	Not Detected
1,1-Dichloroethene	400	Not Detected	1600	Not Detected
trans-1,2-Dichloroethene	400	Not Detected	1600	Not Detected
cis-1,2-Dichloroethene	400	Not Detected	1600	Not Detected
Benzene	400	62000	1300	200000
Toluene	400	63000	1600	240000
Ethyl Benzene	400	3800	1800	17000
m,p-Xylene	400	11000	1800	47000
o-Xylene	400	3000	1800	13000
Vinyl Chloride	400	Not Detected	1000	Not Detected
1,1-Dichloroethane	400	Not Detected	1700	Not Detected
Chlorobenzene	400	Not Detected	1900	Not Detected
Methylene Chloride	400	Not Detected	1400	Not Detected
Freon 11	400	Not Detected	2300	Not Detected
Chloromethane	400	Not Detected	850	Not Detected
1,2-Dichloroethane	400	Not Detected	1700	Not Detected
Freon 114	400	Not Detected	2900	Not Detected
Bromomethane	400	Not Detected	1600	Not Detected
Chloroethane	400	Not Detected	1100	Not Detected
2-Propanol	400	Not Detected	1000	Not Detected
Methyl tert-butyl ether	400	380000	1500	1400000
1,2-Dichloropropane	400	Not Detected	1900	Not Detected
1,1,2-Trichloroethane	400	Not Detected	2200	Not Detected
1,3,5-Trimethylbenzene	400	400	2000	2000
1,2,4-Trimethylbenzene	400	610	2000	3000
1,3-Dichlorobenzene	400	Not Detected	2500	Not Detected
1,4-Dichlorobenzene	400	Not Detected	2500	Not Detected
1,2-Dichlorobenzene	400	Not Detected	2500	Not Detected
1,2-Dibromoethane (EDB)	400	Not Detected	3200	Not Detected
1,1,2,2-Tetrachloroethane	400	Not Detected	2800	Not Detected
TPH ref. to Gasoline (MW=100)	400	2100000	1700	8700000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: INF-1

ID#: 0404259-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041523**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**81.1**	**Date of Analysis:**	**4/15/04 05:17 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: INF-1 Duplicate

ID#: 0404259-01AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041519**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**60.8**	**Date of Analysis:**	**4/15/04 03:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	300	Not Detected	1500	Not Detected
Freon 113	300	Not Detected	2400	Not Detected
Chloroform	300	Not Detected	1500	Not Detected
1,1,1-Trichloroethane	300	Not Detected	1700	Not Detected
Carbon Tetrachloride	300	Not Detected	1900	Not Detected
1,1-Dichloroethene	300	Not Detected	1200	Not Detected
trans-1,2-Dichloroethene	300	Not Detected	1200	Not Detected
cis-1,2-Dichloroethene	300	Not Detected	1200	Not Detected
Benzene	300	64000	990	210000
Toluene	300	65000	1200	250000
Ethyl Benzene	300	4200	1300	19000
m,p-Xylene	300	12000	1300	52000
o-Xylene	300	3100	1300	14000
Vinyl Chloride	300	Not Detected	790	Not Detected
1,1-Dichloroethane	300	Not Detected	1200	Not Detected
Chlorobenzene	300	Not Detected	1400	Not Detected
Methylene Chloride	300	Not Detected	1100	Not Detected
Freon 11	300	Not Detected	1700	Not Detected
Chloromethane	300	Not Detected	640	Not Detected
1,2-Dichloroethane	300	Not Detected	1200	Not Detected
Freon 114	300	Not Detected	2200	Not Detected
Bromomethane	300	Not Detected	1200	Not Detected
Chloroethane	300	Not Detected	820	Not Detected
2-Propanol	300	Not Detected	760	Not Detected
Methyl tert-butyl ether	300	370000 E	1100	1400000 E
1,2-Dichloropropane	300	Not Detected	1400	Not Detected
1,1,2-Trichloroethane	300	Not Detected	1700	Not Detected
1,3,5-Trimethylbenzene	300	440	1500	2200
1,2,4-Trimethylbenzene	300	720	1500	3600
1,3-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,4-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,2-Dichlorobenzene	300	Not Detected	1800	Not Detected
1,2-Dibromoethane (EDB)	300	Not Detected	2400	Not Detected
1,1,2,2-Tetrachloroethane	300	Not Detected	2100	Not Detected
TPH ref. to Gasoline (MW=100)	300	2300000	1300	9500000

E = Exceeds instrument calibration range.

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: INF-1 Duplicate

ID#: 0404259-01AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041519**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**60.8**	**Date of Analysis:**	**4/15/04 03:12 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: INF-1

ID#: 0404259-01B

MODIFIED EPA METHOD TO-14A GC/MS

File Name:	**e041527**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**4.05**	**Date of Analysis:**	**4/15/04 07:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	20	Not Detected	110	Not Detected
Tetrachloroethene	20	Not Detected	140	Not Detected

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	85	70-130

AIR TOXICS LTD.

SAMPLE NAME: EFF-1

ID#: 0404259-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041518**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/15/04 02:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.6	Not Detected	38	Not Detected
Freon 113	7.6	Not Detected	59	Not Detected
Chloroform	7.6	Not Detected	38	Not Detected
1,1,1-Trichloroethane	7.6	Not Detected	42	Not Detected
Carbon Tetrachloride	7.6	Not Detected	49	Not Detected
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	10	52	72
1,1-Dichloroethene	7.6	Not Detected	31	Not Detected
trans-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
cis-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
Benzene	7.6	50	25	160
Toluene	7.6	31	29	120
Ethyl Benzene	7.6	Not Detected	34	Not Detected
m,p-Xylene	7.6	7.9	34	35
o-Xylene	7.6	Not Detected	34	Not Detected
Vinyl Chloride	7.6	Not Detected	20	Not Detected
1,1-Dichloroethane	7.6	Not Detected	31	Not Detected
Chlorobenzene	7.6	Not Detected	36	Not Detected
Methylene Chloride	7.6	Not Detected	27	Not Detected
Freon 11	7.6	Not Detected	43	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
1,2-Dichloroethane	7.6	Not Detected	31	Not Detected
Freon 114	7.6	Not Detected	54	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	7.6	Not Detected	20	Not Detected
2-Propanol	7.6	Not Detected	19	Not Detected
Methyl tert-butyl ether	7.6	Not Detected	28	Not Detected
1,2-Dichloropropane	7.6	Not Detected	36	Not Detected
1,1,2-Trichloroethane	7.6	Not Detected	42	Not Detected
1,3,5-Trimethylbenzene	7.6	Not Detected	38	Not Detected
1,2,4-Trimethylbenzene	7.6	18	38	92
1,3-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,4-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dibromoethane (EDB)	7.6	Not Detected	59	Not Detected
1,1,2,2-Tetrachloroethane	7.6	Not Detected	53	Not Detected
TPH ref. to Gasoline (MW=100)	150	1300	630	5400

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: EFF-1

ID#: 0404259-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041518**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/15/04 02:45 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404259-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 08:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404259-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 08:11 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404259-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:17 AM**	

Compound	%Recovery
Freon 12	95
Freon 113	102
Chloroform	99
1,1,1-Trichloroethane	96
Carbon Tetrachloride	106
Trichloroethene	100
Tetrachloroethene	100
1,1-Dichloroethene	102
trans-1,2-Dichloroethene	98
cis-1,2-Dichloroethene	100
Benzene	100
Toluene	103
Ethyl Benzene	98
m,p-Xylene	110
o-Xylene	93
Vinyl Chloride	91
1,1-Dichloroethane	94
Chlorobenzene	93
Methylene Chloride	94
Freon 11	100
Chloromethane	76
1,2-Dichloroethane	99
Freon 114	96
Bromomethane	102
Chloroethane	80
2-Propanol	86
Methyl tert-butyl ether	80
1,2-Dichloropropane	102
1,1,2-Trichloroethane	99
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	89
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	87
1,2-Dichlorobenzene	88
1,2-Dibromoethane (EDB)	96
1,1,2,2-Tetrachloroethane	97

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404259-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:17 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404259-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:43 AM**	

Compound	%Recovery
Freon 12	104
Freon 113	99
Chloroform	95
1,1,1-Trichloroethane	98
Carbon Tetrachloride	111
Trichloroethene	107
Tetrachloroethene	107
1,1-Dichloroethene	104
trans-1,2-Dichloroethene	91
cis-1,2-Dichloroethene	97
Benzene	109
Toluene	112
Ethyl Benzene	111
m,p-Xylene	115
o-Xylene	98
Vinyl Chloride	103
1,1-Dichloroethane	89
Chlorobenzene	99
Methylene Chloride	93
Freon 11	110
Chloromethane	90
1,2-Dichloroethane	99
Freon 114	107
Bromomethane	119
Chloroethane	91
2-Propanol	88
Methyl tert-butyl ether	69 Q
1,2-Dichloropropane	99
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	100
1,2-Dichlorobenzene	112
1,2-Dibromoethane (EDB)	94
1,1,2,2-Tetrachloroethane	108

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404259-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:43 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130

Aerotech Environmental Laboratories

0404259

a division of Aerotech Laboratories, Inc.

[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
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CUSTODY SEAL INTACT?
Y N NONE TEMP____

Lab Number:

Customer Number:	Page 1 of 1
Customer: IER	Sampler:
Address: 13880 N. Northsight Blvd #115	Project Name: Silverscott Wash
City, State, Zip: Scottsdale AZ 85260	Project Number: 014-10022-06-007
Contact: Neil Quinn	P.O. Number:
Phone: 480-905-9311 Fax: 480-905-9353	Fax Results: Y N
E-Mail Address:	E-Mail Results: Y N

DW - Drinking Water
WW - Waste Water
HW - Hazardous Waste
A - Air
S - Soil
Other:

Temperature____ °C
Custody Seals: Yes____ No____
Custody Seals Intact: Yes____ No____
Total # of Containers:____

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 Working Days
____ Standard 10 Working Days
Subject to scheduling & availability (surcharges apply).

Sample Information

					TO-15 - High Low Rel																	
01A	INF-1	4-14-04	14:55	AIR	X											3.5 "Hg						1
02A	EFF-1	"	15:00	"	X											3.5 "Hg						1

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
4-14-04	15:30		Fed Ex 8457-5481-0570
			Samuel Thomas AIR 4/15/04 9:50

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404357

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 SILVER CROFT WASH
DATE RECEIVED:	4/20/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	INFLUENT VAPOR	Mod. Method TO-15	2.5 "Hg
01AA	INFLUENT VAPOR Duplicate	Mod. Method TO-15	2.5 "Hg
01B	INFLUENT VAPOR	Mod. Method TO-15	2.5 "Hg
02A	EFFLUENT VAPOR	Mod. Method TO-15	3.0 "Hg
03A	Lab Blank	Mod. Method TO-15	NA
03B	Lab Blank	Mod. Method TO-15	NA
04A	CCV	Mod. Method TO-15	NA
04B	CCV	Mod. Method TO-15	NA
05A	LCS	Mod. Method TO-15	NA
05B	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 04/22/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404357

One 1 Liter Silonite Canister (100% Certified) and one 1 Liter Summa Canister (100% Certified) samples were received on April 20, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, sample INFLUENT VAPOR was analyzed twice to accurately determine high-level compounds (reported as fraction 01A) and acheive lower reporting limits for Trichloroethene and Tetrachloroethene (reported as fraction 01B). Both analyses and associated QC are reported.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR

ID#: 0404357-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042111**	**Date of Collection:**	**4/19/04**
Dil. Factor:	**177**	**Date of Analysis:**	**4/21/04 01:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	880	Not Detected	4400	Not Detected
Freon 113	880	Not Detected	6900	Not Detected
Chloroform	880	Not Detected	4400	Not Detected
1,1,1-Trichloroethane	880	Not Detected	4900	Not Detected
Carbon Tetrachloride	880	Not Detected	5600	Not Detected
1,1-Dichloroethene	880	Not Detected	3600	Not Detected
trans-1,2-Dichloroethene	880	Not Detected	3600	Not Detected
cis-1,2-Dichloroethene	880	Not Detected	3600	Not Detected
Benzene	880	99000	2900	320000
Toluene	880	120000	3400	440000
Ethyl Benzene	880	8900	3900	39000
m,p-Xylene	880	25000	3900	110000
o-Xylene	880	7800	3900	34000
Vinyl Chloride	880	Not Detected	2300	Not Detected
1,1-Dichloroethane	880	Not Detected	3600	Not Detected
Chlorobenzene	880	Not Detected	4100	Not Detected
Methylene Chloride	880	Not Detected	3100	Not Detected
Freon 11	880	Not Detected	5000	Not Detected
Chloromethane	880	Not Detected	1800	Not Detected
1,2-Dichloroethane	880	Not Detected	3600	Not Detected
Freon 114	880	Not Detected	6300	Not Detected
Bromomethane	880	Not Detected	3500	Not Detected
Chloroethane	880	Not Detected	2400	Not Detected
2-Propanol	880	2200	2200	5500
Methyl tert-butyl ether	880	600000	3200	2200000
1,2-Dichloropropane	880	Not Detected	4200	Not Detected
1,1,2-Trichloroethane	880	Not Detected	4900	Not Detected
1,3,5-Trimethylbenzene	880	1600	4400	8200
1,2,4-Trimethylbenzene	880	2800	4400	14000
1,3-Dichlorobenzene	880	Not Detected	5400	Not Detected
1,4-Dichlorobenzene	880	Not Detected	5400	Not Detected
1,2-Dichlorobenzene	880	Not Detected	5400	Not Detected
1,2-Dibromoethane (EDB)	880	Not Detected	6900	Not Detected
1,1,2,2-Tetrachloroethane	880	Not Detected	6200	Not Detected
TPH ref. to Gasoline (MW=100)	18000	3400000	74000	14000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR Duplicate

ID#: 0404357-01AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042110**	**Date of Collection:**	**4/19/04**
Dil. Factor:	**292**	**Date of Analysis:**	**4/21/04 01:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7300	Not Detected
Freon 113	1500	Not Detected	11000	Not Detected
Chloroform	1500	Not Detected	7200	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8100	Not Detected
Carbon Tetrachloride	1500	Not Detected	9300	Not Detected
1,1-Dichloroethene	1500	Not Detected	5900	Not Detected
trans-1,2-Dichloroethene	1500	Not Detected	5900	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	5900	Not Detected
Benzene	1500	100000	4700	320000
Toluene	1500	110000	5600	440000
Ethyl Benzene	1500	8400	6400	37000
m,p-Xylene	1500	24000	6400	100000
o-Xylene	1500	7000	6400	31000
Vinyl Chloride	1500	Not Detected	3800	Not Detected
1,1-Dichloroethane	1500	Not Detected	6000	Not Detected
Chlorobenzene	1500	Not Detected	6800	Not Detected
Methylene Chloride	1500	Not Detected	5200	Not Detected
Freon 11	1500	Not Detected	8300	Not Detected
Chloromethane	1500	Not Detected	3100	Not Detected
1,2-Dichloroethane	1500	Not Detected	6000	Not Detected
Freon 114	1500	Not Detected	10000	Not Detected
Bromomethane	1500	Not Detected	5800	Not Detected
Chloroethane	1500	Not Detected	3900	Not Detected
2-Propanol	1500	2000	3600	4900
Methyl tert-butyl ether	1500	620000	5400	2300000
1,2-Dichloropropane	1500	Not Detected	6800	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8100	Not Detected
1,3,5-Trimethylbenzene	1500	1600	7300	7900
1,2,4-Trimethylbenzene	1500	2400	7300	12000
1,3-Dichlorobenzene	1500	Not Detected	8900	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	8900	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	8900	Not Detected
1,2-Dibromoethane (EDB)	1500	Not Detected	11000	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
TPH ref. to Gasoline (MW=100)	29000	3500000	120000	15000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR

ID#: 0404357-01B

MODIFIED TO-15 GC/MS

File Name:	**e042018**	**Date of Collection:**	**4/19/04**
Dil. Factor:	**1.46**	**Date of Analysis:**	**4/20/04 06:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.3	Not Detected	40	Not Detected
Tetrachloroethene	7.3	Not Detected	50	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR

ID#: 0404357-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042109**	**Date of Collection:**	**4/19/04**
Dil. Factor:	**1.49**	**Date of Analysis:**	**4/21/04 12:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.4	Not Detected	37	Not Detected
Freon 113	7.4	Not Detected	58	Not Detected
Chloroform	7.4	Not Detected	37	Not Detected
1,1,1-Trichloroethane	7.4	Not Detected	41	Not Detected
Carbon Tetrachloride	7.4	Not Detected	48	Not Detected
Trichloroethene	7.4	Not Detected	41	Not Detected
Tetrachloroethene	7.4	Not Detected	51	Not Detected
1,1-Dichloroethene	7.4	Not Detected	30	Not Detected
trans-1,2-Dichloroethene	7.4	Not Detected	30	Not Detected
cis-1,2-Dichloroethene	7.4	Not Detected	30	Not Detected
Benzene	7.4	Not Detected	24	Not Detected
Toluene	7.4	Not Detected	28	Not Detected
Ethyl Benzene	7.4	Not Detected	33	Not Detected
m,p-Xylene	7.4	Not Detected	33	Not Detected
o-Xylene	7.4	Not Detected	33	Not Detected
Vinyl Chloride	7.4	Not Detected	19	Not Detected
1,1-Dichloroethane	7.4	Not Detected	31	Not Detected
Chlorobenzene	7.4	Not Detected	35	Not Detected
Methylene Chloride	7.4	Not Detected	26	Not Detected
Freon 11	7.4	Not Detected	42	Not Detected
Chloromethane	7.4	Not Detected	16	Not Detected
1,2-Dichloroethane	7.4	Not Detected	31	Not Detected
Freon 114	7.4	Not Detected	53	Not Detected
Bromomethane	7.4	Not Detected	29	Not Detected
Chloroethane	7.4	Not Detected	20	Not Detected
2-Propanol	7.4	Not Detected	19	Not Detected
Methyl tert-butyl ether	7.4	Not Detected	27	Not Detected
1,2-Dichloropropane	7.4	Not Detected	35	Not Detected
1,1,2-Trichloroethane	7.4	Not Detected	41	Not Detected
1,3,5-Trimethylbenzene	7.4	Not Detected	37	Not Detected
1,2,4-Trimethylbenzene	7.4	Not Detected	37	Not Detected
1,3-Dichlorobenzene	7.4	Not Detected	46	Not Detected
1,4-Dichlorobenzene	7.4	Not Detected	46	Not Detected
1,2-Dichlorobenzene	7.4	Not Detected	46	Not Detected
1,2-Dibromoethane (EDB)	7.4	Not Detected	58	Not Detected
1,1,2,2-Tetrachloroethane	7.4	Not Detected	52	Not Detected
TPH ref. to Gasoline (MW=100)	150	190	620	780

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR

ID#: 0404357-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042109**	**Date of Collection:**	**4/19/04**
Dil. Factor:	**1.49**	**Date of Analysis:**	**4/21/04 12:50 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404357-03A

MODIFIED TO-15 GC/MS

File Name:	**e042008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 01:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404357-03B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042108**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 12:17 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404357-03B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042108**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 12:17 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404357-04A

MODIFIED TO-15 GC/MS

File Name:	**e042005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 11:45 AM**	

Compound	**%Recovery**
Trichloroethene	101
Tetrachloroethene	108

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404357-04B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 10:21 AM**	

Compound	%Recovery
Freon 12	92
Freon 113	105
Chloroform	89
1,1,1-Trichloroethane	97
Carbon Tetrachloride	94
Trichloroethene	99
Tetrachloroethene	125
1,1-Dichloroethene	96
trans-1,2-Dichloroethene	92
cis-1,2-Dichloroethene	99
Benzene	96
Toluene	94
Ethyl Benzene	123
m,p-Xylene	91
o-Xylene	128
Vinyl Chloride	102
1,1-Dichloroethane	93
Chlorobenzene	100
Methylene Chloride	93
Freon 11	93
Chloromethane	87
1,2-Dichloroethane	91
Freon 114	108
Bromomethane	119
Chloroethane	89
2-Propanol	119
Methyl tert-butyl ether	107
1,2-Dichloropropane	99
1,1,2-Trichloroethane	84
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	124
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	121
1,2-Dichlorobenzene	110
1,2-Dibromoethane (EDB)	118
1,1,2,2-Tetrachloroethane	81

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404357-04B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 10:21 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404357-05A

MODIFIED TO-15 GC/MS

File Name:	**e042007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 12:44 PM**	

Compound	**%Recovery**
Trichloroethene	105
Tetrachloroethene	119

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404357-05B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 11:30 AM**	

Compound	%Recovery
Freon 12	111
Freon 113	113
Chloroform	91
1,1,1-Trichloroethane	105
Carbon Tetrachloride	105
Trichloroethene	104
Tetrachloroethene	118
1,1-Dichloroethene	103
trans-1,2-Dichloroethene	92
cis-1,2-Dichloroethene	97
Benzene	110
Toluene	112
Ethyl Benzene	114
m,p-Xylene	121
o-Xylene	106
Vinyl Chloride	123
1,1-Dichloroethane	91
Chlorobenzene	102
Methylene Chloride	99
Freon 11	110
Chloromethane	111
1,2-Dichloroethane	94
Freon 114	127
Bromomethane	159 Q
Chloroethane	104
2-Propanol	117
Methyl tert-butyl ether	100
1,2-Dichloropropane	98
1,1,2-Trichloroethane	108
1,3,5-Trimethylbenzene	124
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	133 Q
1,4-Dichlorobenzene	115
1,2-Dichlorobenzene	130
1,2-Dibromoethane (EDB)	96
1,1,2,2-Tetrachloroethane	125

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404357-05B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/21/04 11:30 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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Contact Person: MIKE NESKY
Company: LFR
Address: 13880 NORTHSIGHT #115 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Lee Dellingham

Project info:
P.O. #:
Project #: 014-10022-06-005
Project Name: SILVER CREEK WASH

Turn Around Time:
☐ Normal
☒ Rush ASAP/24 HR (Specify)
PRESS. to SVSU

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	INFLUENT VAPOR	4/19/04 - 1215	TO-15 HIGH/LOW PCE, TCE	30.0	0	25"Hg
02A	EFFLUENT VAPOR	4/19/04 - 1220	" " " " "	29.5	0	3.0"Hg

Relinquished By: (Signature) Date/Time: Lee Dellingham 4/19/04 1400
Received By: (Signature) Date/Time: FED EX 8457 5481 0591 4/19/04 1400
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time: [illegible] ATL 4/20/04 1015

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	F-Ex	8457 5481 0591	[illegible]	—	good	Yes No None	0404357

Form 1293 rev. 09

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404486

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 SILVER CROFT WASH
DATE RECEIVED:	4/26/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/27/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	INFLUENT VAPOR High	Mod. Method TO-15	3.5 "Hg
01B	INFLUENT VAPOR Low	Mod. Method TO-15	3.5 "Hg
02A	EFFLUENT VAPOR High	Mod. Method TO-15	6.0 "Hg
03A	Lab Blank	Mod. Method TO-15	NA
04A	CCV	Mod. Method TO-15	NA
05A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 04/27/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404486

Two 1 Liter Summa Canister (100% Certified) samples were received on April 26, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, sample INFLUENT VAPOR was analyzed twice to accurately determine high-level compounds and acheive lower reporting limits for TCE &PCE.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR High

ID#: 0404486-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042623**	**Date of Collection:**	**4/24/04**
Dil. Factor:	**380**	**Date of Analysis:**	**4/26/04 10:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1900	Not Detected	9600	Not Detected
Freon 113	1900	Not Detected	15000	Not Detected
Chloroform	1900	Not Detected	9400	Not Detected
1,1,1-Trichloroethane	1900	Not Detected	10000	Not Detected
Carbon Tetrachloride	1900	Not Detected	12000	Not Detected
Trichloroethene	1900	Not Detected	10000	Not Detected
Tetrachloroethene	1900	Not Detected	13000	Not Detected
1,1-Dichloroethene	1900	Not Detected	7600	Not Detected
trans-1,2-Dichloroethene	1900	Not Detected	7600	Not Detected
cis-1,2-Dichloroethene	1900	Not Detected	7600	Not Detected
Benzene	1900	160000	6200	510000
Toluene	1900	210000	7300	800000
Ethyl Benzene	1900	17000	8400	74000
m,p-Xylene	1900	49000	8400	220000
o-Xylene	1900	14000	8400	60000
Vinyl Chloride	1900	Not Detected	4900	Not Detected
1,1-Dichloroethane	1900	Not Detected	7800	Not Detected
Chlorobenzene	1900	Not Detected	8900	Not Detected
Methylene Chloride	1900	Not Detected	6700	Not Detected
Freon 11	1900	Not Detected	11000	Not Detected
Chloromethane	1900	Not Detected	4000	Not Detected
1,2-Dichloroethane	1900	Not Detected	7800	Not Detected
Freon 114	1900	Not Detected	14000	Not Detected
Bromomethane	1900	Not Detected	7500	Not Detected
Chloroethane	1900	Not Detected	5100	Not Detected
2-Propanol	1900	Not Detected	4700	Not Detected
Methyl tert-butyl ether	1900	960000	7000	3500000
1,2-Dichloropropane	1900	Not Detected	8900	Not Detected
1,1,2-Trichloroethane	1900	Not Detected	10000	Not Detected
1,3,5-Trimethylbenzene	1900	2500	9500	12000
1,2,4-Trimethylbenzene	1900	3800	9500	19000
1,3-Dichlorobenzene	1900	Not Detected	12000	Not Detected
1,4-Dichlorobenzene	1900	Not Detected	12000	Not Detected
1,2-Dichlorobenzene	1900	Not Detected	12000	Not Detected
1,2-Dibromoethane (EDB)	1900	Not Detected	15000	Not Detected
1,1,2,2-Tetrachloroethane	1900	Not Detected	13000	Not Detected
TPH ref. to Gasoline (MW=100)	38000	4500000	160000	19000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR High

ID#: 0404486-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042623**	**Date of Collection:**	**4/24/04**
Dil. Factor:	**380**	**Date of Analysis:**	**4/26/04 10:07 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR Low

ID#: 0404486-01B

MODIFIED TO-15 GC/MS

File Name:	**e042611**	**Date of Collection:**	**4/24/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/26/04 02:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	Not Detected	52	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	83	70-130

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR High

ID#: 0404486-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042608**	**Date of Collection:**	**4/24/04**
Dil. Factor:	**1.68**	**Date of Analysis:**	**4/26/04 12:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	8.4	Not Detected	42	Not Detected
Freon 113	8.4	Not Detected	65	Not Detected
Chloroform	8.4	Not Detected	42	Not Detected
1,1,1-Trichloroethane	8.4	Not Detected	46	Not Detected
Carbon Tetrachloride	8.4	Not Detected	54	Not Detected
Trichloroethene	8.4	Not Detected	46	Not Detected
Tetrachloroethene	8.4	Not Detected	58	Not Detected
1,1-Dichloroethene	8.4	Not Detected	34	Not Detected
trans-1,2-Dichloroethene	8.4	Not Detected	34	Not Detected
cis-1,2-Dichloroethene	8.4	Not Detected	34	Not Detected
Benzene	8.4	Not Detected	27	Not Detected
Toluene	8.4	26	32	98
Ethyl Benzene	8.4	Not Detected	37	Not Detected
m,p-Xylene	8.4	Not Detected	37	Not Detected
o-Xylene	8.4	Not Detected	37	Not Detected
Vinyl Chloride	8.4	Not Detected	22	Not Detected
1,1-Dichloroethane	8.4	Not Detected	34	Not Detected
Chlorobenzene	8.4	Not Detected	39	Not Detected
Methylene Chloride	8.4	Not Detected	30	Not Detected
Freon 11	8.4	Not Detected	48	Not Detected
Chloromethane	8.4	Not Detected	18	Not Detected
1,2-Dichloroethane	8.4	Not Detected	34	Not Detected
Freon 114	8.4	Not Detected	60	Not Detected
Bromomethane	8.4	Not Detected	33	Not Detected
Chloroethane	8.4	Not Detected	22	Not Detected
2-Propanol	8.4	Not Detected	21	Not Detected
Methyl tert-butyl ether	8.4	Not Detected	31	Not Detected
1,2-Dichloropropane	8.4	Not Detected	39	Not Detected
1,1,2-Trichloroethane	8.4	Not Detected	46	Not Detected
1,3,5-Trimethylbenzene	8.4	Not Detected	42	Not Detected
1,2,4-Trimethylbenzene	8.4	Not Detected	42	Not Detected
1,3-Dichlorobenzene	8.4	Not Detected	51	Not Detected
1,4-Dichlorobenzene	8.4	Not Detected	51	Not Detected
1,2-Dichlorobenzene	8.4	Not Detected	51	Not Detected
1,2-Dibromoethane (EDB)	8.4	Not Detected	66	Not Detected
1,1,2,2-Tetrachloroethane	8.4	Not Detected	59	Not Detected
TPH ref. to Gasoline (MW=100)	170	760	700	3200

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR High

ID#: 0404486-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042608**	**Date of Collection:**	**4/24/04**
Dil. Factor:	**1.68**	**Date of Analysis:**	**4/26/04 12:22 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404486-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404486-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:43 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404486-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 09:46 AM**	

Compound	%Recovery
Freon 12	94
Freon 113	109
Chloroform	100
1,1,1-Trichloroethane	102
Carbon Tetrachloride	109
Trichloroethene	104
Tetrachloroethene	113
1,1-Dichloroethene	105
trans-1,2-Dichloroethene	101
cis-1,2-Dichloroethene	101
Benzene	104
Toluene	107
Ethyl Benzene	102
m,p-Xylene	115
o-Xylene	100
Vinyl Chloride	93
1,1-Dichloroethane	97
Chlorobenzene	91
Methylene Chloride	98
Freon 11	100
Chloromethane	86
1,2-Dichloroethane	102
Freon 114	104
Bromomethane	111
Chloroethane	84
2-Propanol	111
Methyl tert-butyl ether	110
1,2-Dichloropropane	105
1,1,2-Trichloroethane	101
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	90
1,2-Dichlorobenzene	94
1,2-Dibromoethane (EDB)	102
1,1,2,2-Tetrachloroethane	101

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404486-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 09:46 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404486-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:16 AM**	

Compound	%Recovery
Freon 12	112
Freon 113	109
Chloroform	95
1,1,1-Trichloroethane	106
Carbon Tetrachloride	114
Trichloroethene	107
Tetrachloroethene	121
1,1-Dichloroethene	106
trans-1,2-Dichloroethene	93
cis-1,2-Dichloroethene	99
Benzene	112
Toluene	116
Ethyl Benzene	112
m,p-Xylene	118
o-Xylene	101
Vinyl Chloride	112
1,1-Dichloroethane	87
Chlorobenzene	102
Methylene Chloride	98
Freon 11	112
Chloromethane	94
1,2-Dichloroethane	101
Freon 114	118
Bromomethane	140 Q
Chloroethane	94
2-Propanol	103
Methyl tert-butyl ether	95
1,2-Dichloropropane	100
1,1,2-Trichloroethane	108
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	122
1,4-Dichlorobenzene	106
1,2-Dichlorobenzene	118
1,2-Dibromoethane (EDB)	96
1,1,2,2-Tetrachloroethane	114

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404486-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:16 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: MIKE BUSKY
Company: CFR
Address: 13880 NORTHSIGHT #115 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Lee Dillingham

Project Info:
P.O. #:
Project #: 014-10022-06-005
Project Name: SILVERCROFT WASH

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24 HR
Specify

J. 4/26/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	INFLUENT VAPOR	4/24/04 0900	TO-15 HIGH/LOW PCE, TCE	29.0	0	3.5 "Hg
02A	EFFLUENT VAPOR	4/24/04 0905	TO-15 HIGH/LOW PCE, TCE	29.0	0	6.0 "Hg

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Lee Dillingham	1130 4/24/04	FED-EX 844438655270	4/24/04 1130
		Jewel Thomas ATL	4/26/04 1000

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	9444 3865 5270	JT	—	Good	Yes No (None)	0404486

Form 1289 (04.03)

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404487

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 SILVER CROFT WASH
DATE RECEIVED:	4/26/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/27/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	INFLUENT VAPOR High	Mod. Method TO-15	3.0 "Hg
01B	INFLUENT VAPOR Low	Mod. Method TO-15	3.0 "Hg
02A	EFFLUENT VAPOR High	Mod. Method TO-15	4.5 "Hg
03A	Lab Blank	Mod. Method TO-15	NA
04A	CCV	Mod. Method TO-15	NA
05A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 04/27/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404487

One 1 Liter Silonite Canister (100% Certified) and one 1 Liter Summa Canister (100% Certified) samples were received on April 26, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, sample INFLUENT VAPOR was analyzed twice to accurately determine high-level compounds and acheive lower reporting limits for TCE & PCE.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR High

ID#: 0404487-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042622**	**Date of Collection:**	**4/23/04**
Dil. Factor:	**199**	**Date of Analysis:**	**4/26/04 09:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1000	Not Detected	5000	Not Detected
Freon 113	1000	Not Detected	7800	Not Detected
Chloroform	1000	Not Detected	4900	Not Detected
1,1,1-Trichloroethane	1000	Not Detected	5500	Not Detected
Carbon Tetrachloride	1000	Not Detected	6400	Not Detected
Trichloroethene	1000	Not Detected	5400	Not Detected
Tetrachloroethene	1000	Not Detected	6900	Not Detected
1,1-Dichloroethene	1000	Not Detected	4000	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4000	Not Detected
cis-1,2-Dichloroethene	1000	Not Detected	4000	Not Detected
Benzene	1000	140000	3200	460000
Toluene	1000	160000	3800	620000
Ethyl Benzene	1000	11000	4400	48000
m,p-Xylene	1000	34000	4400	150000
o-Xylene	1000	9200	4400	41000
Vinyl Chloride	1000	Not Detected	2600	Not Detected
1,1-Dichloroethane	1000	Not Detected	4100	Not Detected
Chlorobenzene	1000	Not Detected	4600	Not Detected
Methylene Chloride	1000	Not Detected	3500	Not Detected
Freon 11	1000	Not Detected	5700	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
1,2-Dichloroethane	1000	Not Detected	4100	Not Detected
Freon 114	1000	Not Detected	7100	Not Detected
Bromomethane	1000	Not Detected	3900	Not Detected
Chloroethane	1000	Not Detected	2700	Not Detected
2-Propanol	1000	Not Detected	2500	Not Detected
Methyl tert-butyl ether	1000	770000	3600	2800000
1,2-Dichloropropane	1000	Not Detected	4700	Not Detected
1,1,2-Trichloroethane	1000	Not Detected	5500	Not Detected
1,3,5-Trimethylbenzene	1000	1700	5000	8500
1,2,4-Trimethylbenzene	1000	2800	5000	14000
1,3-Dichlorobenzene	1000	Not Detected	6100	Not Detected
1,4-Dichlorobenzene	1000	Not Detected	6100	Not Detected
1,2-Dichlorobenzene	1000	Not Detected	6100	Not Detected
1,2-Dibromoethane (EDB)	1000	Not Detected	7800	Not Detected
1,1,2,2-Tetrachloroethane	1000	Not Detected	6900	Not Detected
TPH ref. to Gasoline (MW=100)	20000	4400000	83000	18000000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR High

ID#: 0404487-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042622**	**Date of Collection:**	**4/23/04**
Dil. Factor:	**199**	**Date of Analysis:**	**4/26/04 09:39 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR Low

ID#: 0404487-01B

MODIFIED TO-15 GC/MS

File Name:	**e042610**	**Date of Collection:**	**4/23/04**
Dil. Factor:	**1.49**	**Date of Analysis:**	**4/26/04 01:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.4	Not Detected	41	Not Detected
Tetrachloroethene	7.4	Not Detected	51	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR High

ID#: 0404487-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042609**	**Date of Collection:**	**4/23/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**4/26/04 12:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.9	Not Detected	40	Not Detected
Freon 113	7.9	Not Detected	62	Not Detected
Chloroform	7.9	Not Detected	39	Not Detected
1,1,1-Trichloroethane	7.9	Not Detected	44	Not Detected
Carbon Tetrachloride	7.9	Not Detected	50	Not Detected
Trichloroethene	7.9	Not Detected	43	Not Detected
Tetrachloroethene	7.9	Not Detected	54	Not Detected
1,1-Dichloroethene	7.9	Not Detected	32	Not Detected
trans-1,2-Dichloroethene	7.9	Not Detected	32	Not Detected
cis-1,2-Dichloroethene	7.9	Not Detected	32	Not Detected
Benzene	7.9	Not Detected	26	Not Detected
Toluene	7.9	Not Detected	30	Not Detected
Ethyl Benzene	7.9	Not Detected	35	Not Detected
m,p-Xylene	7.9	Not Detected	35	Not Detected
o-Xylene	7.9	Not Detected	35	Not Detected
Vinyl Chloride	7.9	Not Detected	20	Not Detected
1,1-Dichloroethane	7.9	Not Detected	32	Not Detected
Chlorobenzene	7.9	Not Detected	37	Not Detected
Methylene Chloride	7.9	Not Detected	28	Not Detected
Freon 11	7.9	Not Detected	45	Not Detected
Chloromethane	7.9	Not Detected	16	Not Detected
1,2-Dichloroethane	7.9	Not Detected	32	Not Detected
Freon 114	7.9	Not Detected	56	Not Detected
Bromomethane	7.9	Not Detected	31	Not Detected
Chloroethane	7.9	Not Detected	21	Not Detected
2-Propanol	7.9	Not Detected	20	Not Detected
Methyl tert-butyl ether	7.9	Not Detected	29	Not Detected
1,2-Dichloropropane	7.9	Not Detected	37	Not Detected
1,1,2-Trichloroethane	7.9	Not Detected	44	Not Detected
1,3,5-Trimethylbenzene	7.9	Not Detected	39	Not Detected
1,2,4-Trimethylbenzene	7.9	Not Detected	39	Not Detected
1,3-Dichlorobenzene	7.9	Not Detected	48	Not Detected
1,4-Dichlorobenzene	7.9	Not Detected	48	Not Detected
1,2-Dichlorobenzene	7.9	Not Detected	48	Not Detected
1,2-Dibromoethane (EDB)	7.9	Not Detected	62	Not Detected
1,1,2,2-Tetrachloroethane	7.9	Not Detected	55	Not Detected
TPH ref. to Gasoline (MW=100)	160	460	660	1900

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR High

ID#: 0404487-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042609**	**Date of Collection:**	**4/23/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**4/26/04 12:51 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404487-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404487-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:43 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404487-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 09:46 AM**	

Compound	%Recovery
Freon 12	94
Freon 113	109
Chloroform	100
1,1,1-Trichloroethane	102
Carbon Tetrachloride	109
Trichloroethene	104
Tetrachloroethene	113
1,1-Dichloroethene	105
trans-1,2-Dichloroethene	101
cis-1,2-Dichloroethene	101
Benzene	104
Toluene	107
Ethyl Benzene	102
m,p-Xylene	115
o-Xylene	100
Vinyl Chloride	93
1,1-Dichloroethane	97
Chlorobenzene	91
Methylene Chloride	98
Freon 11	100
Chloromethane	86
1,2-Dichloroethane	102
Freon 114	104
Bromomethane	111
Chloroethane	84
2-Propanol	111
Methyl tert-butyl ether	110
1,2-Dichloropropane	105
1,1,2-Trichloroethane	101
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	90
1,2-Dichlorobenzene	94
1,2-Dibromoethane (EDB)	102
1,1,2,2-Tetrachloroethane	101

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404487-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 09:46 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404487-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:16 AM**	

Compound	%Recovery
Freon 12	112
Freon 113	109
Chloroform	95
1,1,1-Trichloroethane	106
Carbon Tetrachloride	114
Trichloroethene	107
Tetrachloroethene	121
1,1-Dichloroethene	106
trans-1,2-Dichloroethene	93
cis-1,2-Dichloroethene	99
Benzene	112
Toluene	116
Ethyl Benzene	112
m,p-Xylene	118
o-Xylene	101
Vinyl Chloride	112
1,1-Dichloroethane	87
Chlorobenzene	102
Methylene Chloride	98
Freon 11	112
Chloromethane	94
1,2-Dichloroethane	101
Freon 114	118
Bromomethane	140 Q
Chloroethane	94
2-Propanol	103
Methyl tert-butyl ether	95
1,2-Dichloropropane	100
1,1,2-Trichloroethane	108
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	122
1,4-Dichlorobenzene	106
1,2-Dichlorobenzene	118
1,2-Dibromoethane (EDB)	96
1,1,2,2-Tetrachloroethane	114

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404487-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/26/04 10:16 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Contact Person: MIKE NESKY
Company: LFR
Address: 13880 N NORTHSIGHT BLVD City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Lee Dillingham

Project Info:
P.O. #:
Project #: 014-10022-06-005
Project Name: SILVER CROFT DUPASU

Turn Around Time:
☐ Normal
☒ Rush: ASAP/24 HR
Specify

JJ 4/26/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	INFLUENT VAPOR	4/23/04 0900	TO-15 HIGH/LOW PCE, TCE	28.5	0	3.0 Hg
02A	EFFLUENT VAPOR	4/23/04 0905		29.0	0	4.5 Hg

Relinquished By: (Signature) Date/Time: Lee Dillingham 4/23/04 1200
Received By: (Signature) Date/Time: FED-EX 8457-5481-0580 4/23/04 1200
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time: 4/26/04
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact? Yes	No	None	Work Order #
	Fed Ex	8457 5481 0580		—	Good			None	0404487

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404582

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 Silver Croft Wash
DATE RECEIVED:	4/30/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/3/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	INFLUENT VAPOR	Mod. Method TO-15	4.0 "Hg
01B	INFLUENT VAPOR	Mod. Method TO-15	4.0 "Hg
02A	EFFLUENT VAPOR	Mod. Method TO-15	5.5 "Hg
03A	Lab Blank	Mod. Method TO-15	NA
04A	CCV	Mod. Method TO-15	NA
05A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 05/03/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404582

Two 1 Liter Summa Canister (100% Certified) samples were received on April 30, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, sample INFLUENT VAPOR was analyzed twice to accurately determine high-level compounds and acheive lower reporting limits for Trichloroethene and Tetrachloroethene. Both analyses and associated QC are reported.

1,3,5-Trimethylbenzene indicated high bias (greater than 130% expected recovery) in the daily CCV analyzed on May 2, 2004. The associated target hit in sample INFLUENT VAPOR was flagged to

indicate estimated results with high bias. Associated non-detects were not flagged because there was no affect on the data.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR

ID#: 0404582-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050216**	**Date of Collection:**	**4/29/04**
Dil. Factor:	**177**	**Date of Analysis:**	**5/2/04 04:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	880	Not Detected	4400	Not Detected
Freon 113	880	Not Detected	6900	Not Detected
Chloroform	880	Not Detected	4400	Not Detected
1,1,1-Trichloroethane	880	Not Detected	4900	Not Detected
Carbon Tetrachloride	880	Not Detected	5600	Not Detected
Trichloroethene	880	Not Detected	4800	Not Detected
Tetrachloroethene	880	Not Detected	6100	Not Detected
1,1-Dichloroethene	880	Not Detected	3600	Not Detected
trans-1,2-Dichloroethene	880	Not Detected	3600	Not Detected
cis-1,2-Dichloroethene	880	Not Detected	3600	Not Detected
Benzene	880	110000	2900	370000
Toluene	880	140000	3400	520000
Ethyl Benzene	880	10000	3900	45000
m,p-Xylene	880	30000	3900	130000
o-Xylene	880	8500	3900	37000
Vinyl Chloride	880	Not Detected	2300	Not Detected
1,1-Dichloroethane	880	Not Detected	3600	Not Detected
Chlorobenzene	880	Not Detected	4100	Not Detected
Methylene Chloride	880	Not Detected	3100	Not Detected
Freon 11	880	Not Detected	5000	Not Detected
Chloromethane	880	Not Detected	1800	Not Detected
1,2-Dichloroethane	880	Not Detected	3600	Not Detected
Freon 114	880	Not Detected	6300	Not Detected
Bromomethane	880	Not Detected	3500	Not Detected
Chloroethane	880	Not Detected	2400	Not Detected
2-Propanol	880	Not Detected	2200	Not Detected
Methyl tert-butyl ether	880	480000	3200	1700000
1,2-Dichloropropane	880	Not Detected	4200	Not Detected
1,1,2-Trichloroethane	880	Not Detected	4900	Not Detected
1,3,5-Trimethylbenzene	880	1900 J	4400	9300 J
1,2,4-Trimethylbenzene	880	3000	4400	15000
1,3-Dichlorobenzene	880	Not Detected	5400	Not Detected
1,4-Dichlorobenzene	880	Not Detected	5400	Not Detected
1,2-Dichlorobenzene	880	Not Detected	5400	Not Detected
1,2-Dibromoethane (EDB)	880	Not Detected	6900	Not Detected
1,1,2,2-Tetrachloroethane	880	Not Detected	6200	Not Detected
TPH ref. to Gasoline (MW=100)	18000	3700000	74000	15000000

J = Estimated value due to bias in the CCV.

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR

ID#: 0404582-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050216**	**Date of Collection:**	**4/29/04**
Dil. Factor:	**177**	**Date of Analysis:**	**5/2/04 04:42 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: INFLUENT VAPOR

ID#: 0404582-01B

MODIFIED TO-15 GC/MS

File Name:	**e050217**	**Date of Collection:**	**4/29/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/2/04 05:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.8	Not Detected	42	Not Detected
Tetrachloroethene	7.8	50	53	350

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR

ID#: 0404582-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050206**	**Date of Collection:**	**4/29/04**
Dil. Factor:	**1.64**	**Date of Analysis:**	**5/2/04 11:56 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	8.2	Not Detected	41	Not Detected
Freon 113	8.2	Not Detected	64	Not Detected
Chloroform	8.2	Not Detected	41	Not Detected
1,1,1-Trichloroethane	8.2	Not Detected	45	Not Detected
Carbon Tetrachloride	8.2	Not Detected	52	Not Detected
Trichloroethene	8.2	Not Detected	45	Not Detected
Tetrachloroethene	8.2	Not Detected	56	Not Detected
1,1-Dichloroethene	8.2	Not Detected	33	Not Detected
trans-1,2-Dichloroethene	8.2	Not Detected	33	Not Detected
cis-1,2-Dichloroethene	8.2	Not Detected	33	Not Detected
Benzene	8.2	Not Detected	27	Not Detected
Toluene	8.2	Not Detected	31	Not Detected
Ethyl Benzene	8.2	Not Detected	36	Not Detected
m,p-Xylene	8.2	Not Detected	36	Not Detected
o-Xylene	8.2	Not Detected	36	Not Detected
Vinyl Chloride	8.2	Not Detected	21	Not Detected
1,1-Dichloroethane	8.2	Not Detected	34	Not Detected
Chlorobenzene	8.2	Not Detected	38	Not Detected
Methylene Chloride	8.2	Not Detected	29	Not Detected
Freon 11	8.2	Not Detected	47	Not Detected
Chloromethane	8.2	Not Detected	17	Not Detected
1,2-Dichloroethane	8.2	Not Detected	34	Not Detected
Freon 114	8.2	Not Detected	58	Not Detected
Bromomethane	8.2	Not Detected	32	Not Detected
Chloroethane	8.2	Not Detected	22	Not Detected
2-Propanol	8.2	Not Detected	20	Not Detected
Methyl tert-butyl ether	8.2	Not Detected	30	Not Detected
1,2-Dichloropropane	8.2	Not Detected	38	Not Detected
1,1,2-Trichloroethane	8.2	Not Detected	45	Not Detected
1,3,5-Trimethylbenzene	8.2	Not Detected	41	Not Detected
1,2,4-Trimethylbenzene	8.2	Not Detected	41	Not Detected
1,3-Dichlorobenzene	8.2	Not Detected	50	Not Detected
1,4-Dichlorobenzene	8.2	Not Detected	50	Not Detected
1,2-Dichlorobenzene	8.2	Not Detected	50	Not Detected
1,2-Dibromoethane (EDB)	8.2	Not Detected	64	Not Detected
1,1,2,2-Tetrachloroethane	8.2	Not Detected	57	Not Detected
TPH ref. to Gasoline (MW=100)	160	Not Detected	680	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: EFFLUENT VAPOR

ID#: 0404582-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050206**	**Date of Collection:**	**4/29/04**
Dil. Factor:	**1.64**	**Date of Analysis:**	**5/2/04 11:56 AM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404582-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/2/04 11:23 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404582-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/2/04 11:23 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404582-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/2/04 10:16 AM**	

Compound	%Recovery
Freon 12	104
Freon 113	112
Chloroform	98
1,1,1-Trichloroethane	97
Carbon Tetrachloride	112
Trichloroethene	100
Tetrachloroethene	117
1,1-Dichloroethene	107
trans-1,2-Dichloroethene	92
cis-1,2-Dichloroethene	97
Benzene	102
Toluene	105
Ethyl Benzene	106
m,p-Xylene	118
o-Xylene	108
Vinyl Chloride	113
1,1-Dichloroethane	90
Chlorobenzene	100
Methylene Chloride	97
Freon 11	108
Chloromethane	102
1,2-Dichloroethane	103
Freon 114	109
Bromomethane	120
Chloroethane	78
2-Propanol	103
Methyl tert-butyl ether	90
1,2-Dichloropropane	100
1,1,2-Trichloroethane	104
1,3,5-Trimethylbenzene	131 Q
1,2,4-Trimethylbenzene	117
1,3-Dichlorobenzene	129
1,4-Dichlorobenzene	118
1,2-Dichlorobenzene	127
1,2-Dibromoethane (EDB)	102
1,1,2,2-Tetrachloroethane	120

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404582-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/2/04 10:16 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404582-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/2/04 10:55 AM**	

Compound	%Recovery
Freon 12	107
Freon 113	107
Chloroform	96
1,1,1-Trichloroethane	100
Carbon Tetrachloride	118
Trichloroethene	110
Tetrachloroethene	124
1,1-Dichloroethene	107
trans-1,2-Dichloroethene	90
cis-1,2-Dichloroethene	98
Benzene	108
Toluene	116
Ethyl Benzene	113
m,p-Xylene	123
o-Xylene	102
Vinyl Chloride	123
1,1-Dichloroethane	84
Chlorobenzene	102
Methylene Chloride	91
Freon 11	111
Chloromethane	101
1,2-Dichloroethane	103
Freon 114	109
Bromomethane	132 Q
Chloroethane	81
2-Propanol	96
Methyl tert-butyl ether	80
1,2-Dichloropropane	103
1,1,2-Trichloroethane	114
1,3,5-Trimethylbenzene	122
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	134 Q
1,4-Dichlorobenzene	117
1,2-Dichlorobenzene	134 Q
1,2-Dibromoethane (EDB)	100
1,1,2,2-Tetrachloroethane	120

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404582-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e050204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/2/04 10:55 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

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Contact Person: MIKE NOSKY
Company: LFR
Address: 13880 N. NORTHSIGHT #115 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Lee Dillingham

Project info:
P.O. #:
Project #: 014-10022-06-005
Project Name: SILVERCREEK WDAS OF

Turn Around Time:
☐ Normal
☒ Rush: ASAP/24 HR
Specify

MW 4-30-04

Proceed to SPSS

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01AB	INFLUENT VAPOR	4/29/04 0900	TO-15 HIGH/LOW PCE, TCE	29.5	0	4.0" Hg
02AB	EFFLUENT VAPOR	4/29/04 0905	TO-15 HIGH/LOW PCE, TCE	29.5	0	5.5" Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Lee Dillingham 4/29/04 1245	FED-EX 8444 3865 5178 4/29/04 1245
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Claudia Morales ATL 4/30/04 1020

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	F-Ex	8444 3865 5178	CA	N/A	Good	Yes No None	0404582

Form 1293 rev. 09

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405028A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 Silver Croft Wash
DATE RECEIVED:	5/4/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/5/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor High	Modified TO-15	3.0 "Hg
02A	Effluent Vapor	Modified TO-15	3.5 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 05/05/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405028A

Two 1 Liter Summa Canister (100% Certified) samples were received on May 04, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The following compound, Chloroethane, indicated low bias (less than 70% expected recovery) in the daily

CCV analyzed on 5-5-04. Associated non-detects in samples Influent Vapor High and Effluent Vapor were flagged to indicate estimated results with low bias.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405028A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050509**	**Date of Collection:**	**5/3/04**
Dil. Factor:	**2980**	**Date of Analysis:**	**5/5/04 04:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1500	Not Detected	7500	Not Detected
Freon 114	1500	Not Detected	10000	Not Detected
Chloromethane	6000	Not Detected	12000	Not Detected
Vinyl Chloride	1500	Not Detected	3900	Not Detected
1,3-Butadiene	1500	Not Detected	3400	Not Detected
Bromomethane	1500	Not Detected	5900	Not Detected
Chloroethane	1500	Not Detected U J	4000	Not Detected U J
Freon 11	1500	Not Detected	8500	Not Detected
Ethanol	6000	Not Detected	11000	Not Detected
Freon 113	1500	Not Detected	12000	Not Detected
1,1-Dichloroethene	1500	Not Detected	6000	Not Detected
Acetone	6000	Not Detected	14000	Not Detected
2-Propanol	6000	10000	15000	26000
Carbon Disulfide	1500	2700	4700	8600
3-Chloropropene	6000	Not Detected	19000	Not Detected
Methylene Chloride	1500	Not Detected	5300	Not Detected
Methyl tert-butyl ether	1500	480000	5500	1800000
trans-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
Hexane	1500	140000	5300	500000
Vinyl Acetate	6000	Not Detected	21000	Not Detected
1,1-Dichloroethane	1500	Not Detected	6100	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1500	Not Detected	4500	Not Detected
cis-1,2-Dichloroethene	1500	Not Detected	6000	Not Detected
Tetrahydrofuran	1500	Not Detected	4500	Not Detected
Chloroform	1500	Not Detected	7400	Not Detected
1,1,1-Trichloroethane	1500	Not Detected	8300	Not Detected
Cyclohexane	1500	46000	5200	160000
Carbon Tetrachloride	1500	Not Detected	9500	Not Detected
2,2,4-Trimethylpentane	1500	110000	7100	510000
Benzene	1500	85000	4800	280000
1,2-Dichloroethane	1500	Not Detected	6100	Not Detected
Heptane	1500	18000	6200	75000
Trichloroethene	1500	Not Detected	8100	Not Detected
1,2-Dichloropropane	1500	Not Detected	7000	Not Detected
1,4-Dioxane	6000	Not Detected	22000	Not Detected
Bromodichloromethane	1500	Not Detected	10000	Not Detected
cis-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
4-Methyl-2-pentanone	1500	Not Detected	6200	Not Detected
Toluene	1500	90000	5700	350000
trans-1,3-Dichloropropene	1500	Not Detected	6900	Not Detected
1,1,2-Trichloroethane	1500	Not Detected	8300	Not Detected
Tetrachloroethene	1500	Not Detected	10000	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405028A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050509**	**Date of Collection:**	**5/3/04**
Dil. Factor:	**2980**	**Date of Analysis:**	**5/5/04 04:07 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	6000	Not Detected	25000	Not Detected
Dibromochloromethane	1500	Not Detected	13000	Not Detected
1,2-Dibromoethane (EDB)	1500	Not Detected	12000	Not Detected
Chlorobenzene	1500	Not Detected	7000	Not Detected
Ethyl Benzene	1500	7000	6600	31000
m,p-Xylene	1500	17000	6600	75000
o-Xylene	1500	5700	6600	25000
Styrene	1500	Not Detected	6400	Not Detected
Bromoform	1500	Not Detected	16000	Not Detected
Cumene	1500	Not Detected	7400	Not Detected
1,1,2,2-Tetrachloroethane	1500	Not Detected	10000	Not Detected
Propylbenzene	1500	Not Detected	7400	Not Detected
4-Ethyltoluene	1500	2600	7400	13000
1,3,5-Trimethylbenzene	1500	Not Detected	7400	Not Detected
1,2,4-Trimethylbenzene	1500	2000	7400	9800
1,3-Dichlorobenzene	1500	Not Detected	9100	Not Detected
1,4-Dichlorobenzene	1500	Not Detected	9100	Not Detected
alpha-Chlorotoluene	1500	Not Detected	7800	Not Detected
1,2-Dichlorobenzene	1500	Not Detected	9100	Not Detected
1,2,4-Trichlorobenzene	6000	Not Detected	45000	Not Detected
Hexachlorobutadiene	6000	Not Detected	65000	Not Detected
TPH ref. to Gasoline (MW=100)	30000	3800000	120000	16000000

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405028A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050507**	**Date of Collection:**	**5/3/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/5/04 02:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.76	Not Detected	3.8	Not Detected
Freon 114	0.76	Not Detected	5.4	Not Detected
Chloromethane	3.0	Not Detected	6.4	Not Detected
Vinyl Chloride	0.76	Not Detected	2.0	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	0.76	Not Detected	3.0	Not Detected
Chloroethane	0.76	Not Detected U J	2.0	Not Detected U J
Freon 11	0.76	Not Detected	4.3	Not Detected
Ethanol	3.0	Not Detected	5.8	Not Detected
Freon 113	0.76	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Acetone	3.0	3.6	7.3	8.8
2-Propanol	3.0	Not Detected	7.6	Not Detected
Carbon Disulfide	0.76	1.0	2.4	3.2
3-Chloropropene	3.0	Not Detected	9.7	Not Detected
Methylene Chloride	0.76	Not Detected	2.7	Not Detected
Methyl tert-butyl ether	0.76	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
Vinyl Acetate	3.0	Not Detected	11	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.76	Not Detected	2.3	Not Detected
cis-1,2-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.3	Not Detected
Chloroform	0.76	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.2	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Benzene	0.76	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.76	Not Detected	3.1	Not Detected
Heptane	0.76	Not Detected	3.2	Not Detected
Trichloroethene	0.76	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.6	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.2	Not Detected
Toluene	0.76	Not Detected	2.9	Not Detected
trans-1,3-Dichloropropene	0.76	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.2	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405028A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050507**	**Date of Collection:**	**5/3/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/5/04 02:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.0	Not Detected	13	Not Detected
Dibromochloromethane	0.76	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.9	Not Detected
Chlorobenzene	0.76	Not Detected	3.6	Not Detected
Ethyl Benzene	0.76	Not Detected	3.4	Not Detected
m,p-Xylene	0.76	Not Detected	3.4	Not Detected
o-Xylene	0.76	Not Detected	3.4	Not Detected
Styrene	0.76	Not Detected	3.3	Not Detected
Bromoform	0.76	Not Detected	8.0	Not Detected
Cumene	0.76	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.3	Not Detected
Propylbenzene	0.76	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	23	Not Detected
Hexachlorobutadiene	3.0	Not Detected	33	Not Detected
TPH ref. to Gasoline (MW=100)	15	81	63	340

UJ = Non-detected compound associated with low bias in the CCV

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405028A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 01:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected U J	1.3	Not Detected U J
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405028A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050506**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 01:58 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

UJ = Non-detected compound associated with low bias in the CCV

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405028A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 10:07 AM**	

Compound	%Recovery
Freon 12	88
Freon 114	98
Chloromethane	81
Vinyl Chloride	76
1,3-Butadiene	83
Bromomethane	75
Chloroethane	68 Q
Freon 11	101
Ethanol	74
Freon 113	95
1,1-Dichloroethene	91
Acetone	79
2-Propanol	84
Carbon Disulfide	88
3-Chloropropene	91
Methylene Chloride	83
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	88
Hexane	86
Vinyl Acetate	95
1,1-Dichloroethane	91
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	94
Tetrahydrofuran	89
Chloroform	104
1,1,1-Trichloroethane	112
Cyclohexane	102
Carbon Tetrachloride	115
2,2,4-Trimethylpentane	100
Benzene	96
1,2-Dichloroethane	104
Heptane	106
Trichloroethene	104
1,2-Dichloropropane	96
1,4-Dioxane	111
Bromodichloromethane	108
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	113
Toluene	104
trans-1,3-Dichloropropene	93
1,1,2-Trichloroethane	96
Tetrachloroethene	100

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405028A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 10:07 AM**	

Compound	%Recovery
2-Hexanone	100
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	102
Chlorobenzene	100
Ethyl Benzene	104
m,p-Xylene	106
o-Xylene	106
Styrene	107
Bromoform	115
Cumene	116
1,1,2,2-Tetrachloroethane	99
Propylbenzene	115
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	78
1,2-Dichlorobenzene	86
1,2,4-Trichlorobenzene	102
Hexachlorobutadiene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405028A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 11:51 AM**	

Compound	%Recovery
Freon 12	104
Freon 114	109
Chloromethane	104
Vinyl Chloride	94
1,3-Butadiene	82
Bromomethane	102
Chloroethane	111
Freon 11	115
Ethanol	121
Freon 113	104
1,1-Dichloroethene	100
Acetone	86
2-Propanol	107
Carbon Disulfide	100
3-Chloropropene	83
Methylene Chloride	86
Methyl tert-butyl ether	120
trans-1,2-Dichloroethene	99
Hexane	98
Vinyl Acetate	116
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	103
cis-1,2-Dichloroethene	105
Tetrahydrofuran	105
Chloroform	118
1,1,1-Trichloroethane	137
Cyclohexane	116
Carbon Tetrachloride	136
2,2,4-Trimethylpentane	90
Benzene	117
1,2-Dichloroethane	124
Heptane	116
Trichloroethene	127
1,2-Dichloropropane	120
1,4-Dioxane	115
Bromodichloromethane	117
cis-1,3-Dichloropropene	123
4-Methyl-2-pentanone	114
Toluene	116
trans-1,3-Dichloropropene	111
1,1,2-Trichloroethane	108
Tetrachloroethene	109

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SAMPLE NAME: LCS

ID#: 0405028A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i050503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 11:51 AM**	

Compound	%Recovery
2-Hexanone	90
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	106
Chlorobenzene	111
Ethyl Benzene	111
m,p-Xylene	111
o-Xylene	111
Styrene	125
Bromoform	105
Cumene	105
1,1,2,2-Tetrachloroethane	111
Propylbenzene	78
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	93
1,3-Dichlorobenzene	102
1,4-Dichlorobenzene	94
alpha-Chlorotoluene	129
1,2-Dichlorobenzene	92
1,2,4-Trichlorobenzene	78
Hexachlorobutadiene	77
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	106	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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Contact Person: Mike Nesky
Company: LFR
Address: 13880 North Sight #16 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9334 FAX:
Collected By: Signature: [signature]

Project Info:
P.O. #:
Project #: 014-10022-06-005
Project Name: Silver Cliff WRA

Turn Around Time:
☐ Normal
☑ Rush ASAP / 24 HR
Specify

MW 5.4.04

Press to 30"

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	Influent Vapor	5-03-04 15:00	TO-15 High/Low PCE, TCE	30	0	3.0" Hg
02A	Effluent Vapor	5-03-04 15:05	" " " " "	30	0	3.5" Hg

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
[signature]	5-3-04 16:15	FedEx-842163080757	5-3-04 16:15
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
		[signature] ATL	5/4/04 1000

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	F. Ex	842163080757	CLA	—	Good	Yes No None	0405028

Form 1298 rev. 09

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WORK ORDER #: 0405028B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 Silver Croft Wash
DATE RECEIVED:	5/4/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/6/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01B	Influent Vapor Low	Mod. Method TO-15	3.0 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/06/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405028B

One 1 Liter Summa Canister (100% Certified) sample was received on May 04, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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SAMPLE NAME: Influent Vapor Low

ID#: 0405028B-01B

MODIFIED TO-15 GC/MS

File Name:	**3050533**	**Date of Collection:**	**5/3/04**
Dil. Factor:	**1.49**	**Date of Analysis:**	**5/5/04 09:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.4	Not Detected	41	Not Detected
Tetrachloroethene	7.4	Not Detected	51	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130

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SAMPLE NAME: Lab Blank

ID#: 0405028B-02A

MODIFIED TO-15 GC/MS

File Name:	**3050512**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 12:07 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405028B-03A

MODIFIED TO-15 GC/MS

File Name:	**3050507**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 09:15 AM**	

Compound	**%Recovery**
Trichloroethene	106
Tetrachloroethene	115

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405028B-04A

MODIFIED TO-15 GC/MS

File Name:	**3050510**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/5/04 11:01 AM**	

Compound	**%Recovery**
Trichloroethene	119
Tetrachloroethene	119

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

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- Work order Summary;
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- Results; and
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WORK ORDER #: 0405150A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/10/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/11/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor High	Modified TO-15	4.0 "Hg
02A	Effluent Vapor High	Modified TO-15	4.5 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/11/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405150A

Two 1 Liter Summa Canister (100% Certified) samples were received on May 10, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

. There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405150A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051014**	**Date of Collection:**	**5/8/04**
Dil. Factor:	**6200**	**Date of Analysis:**	**5/10/04 04:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	3100	Not Detected	16000	Not Detected
Freon 114	3100	Not Detected	22000	Not Detected
Chloromethane	12000	Not Detected	26000	Not Detected
Vinyl Chloride	3100	Not Detected	8000	Not Detected
1,3-Butadiene	3100	Not Detected	7000	Not Detected
Bromomethane	3100	Not Detected	12000	Not Detected
Chloroethane	3100	Not Detected	8300	Not Detected
Freon 11	3100	Not Detected	18000	Not Detected
Ethanol	12000	110000	24000	200000
Freon 113	3100	Not Detected	24000	Not Detected
1,1-Dichloroethene	3100	Not Detected	12000	Not Detected
Acetone	12000	Not Detected	30000	Not Detected
2-Propanol	12000	Not Detected	31000	Not Detected
Carbon Disulfide	3100	Not Detected	9800	Not Detected
3-Chloropropene	12000	Not Detected	39000	Not Detected
Methylene Chloride	3100	Not Detected	11000	Not Detected
Methyl tert-butyl ether	3100	570000	11000	2100000
trans-1,2-Dichloroethene	3100	Not Detected	12000	Not Detected
Hexane	3100	180000	11000	630000
Vinyl Acetate	12000	Not Detected	44000	Not Detected
1,1-Dichloroethane	3100	Not Detected	13000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3100	Not Detected	9300	Not Detected
cis-1,2-Dichloroethene	3100	Not Detected	12000	Not Detected
Tetrahydrofuran	3100	Not Detected	9300	Not Detected
Chloroform	3100	Not Detected	15000	Not Detected
1,1,1-Trichloroethane	3100	Not Detected	17000	Not Detected
Cyclohexane	3100	60000	11000	210000
Carbon Tetrachloride	3100	Not Detected	20000	Not Detected
2,2,4-Trimethylpentane	3100	130000	15000	640000
Benzene	3100	110000	10000	360000
1,2-Dichloroethane	3100	Not Detected	13000	Not Detected
Heptane	3100	24000	13000	100000
Trichloroethene	3100	Not Detected	17000	Not Detected
1,2-Dichloropropane	3100	Not Detected	14000	Not Detected
1,4-Dioxane	12000	Not Detected	45000	Not Detected
Bromodichloromethane	3100	Not Detected	21000	Not Detected
cis-1,3-Dichloropropene	3100	Not Detected	14000	Not Detected
4-Methyl-2-pentanone	3100	Not Detected	13000	Not Detected
Toluene	3100	120000	12000	470000
trans-1,3-Dichloropropene	3100	Not Detected	14000	Not Detected
1,1,2-Trichloroethane	3100	Not Detected	17000	Not Detected
Tetrachloroethene	3100	Not Detected	21000	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405150A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051014**	**Date of Collection:**	**5/8/04**
Dil. Factor:	**6200**	**Date of Analysis:**	**5/10/04 04:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	12000	Not Detected	52000	Not Detected
Dibromochloromethane	3100	Not Detected	27000	Not Detected
1,2-Dibromoethane (EDB)	3100	Not Detected	24000	Not Detected
Chlorobenzene	3100	Not Detected	14000	Not Detected
Ethyl Benzene	3100	9600	14000	43000
m,p-Xylene	3100	25000	14000	110000
o-Xylene	3100	8300	14000	37000
Styrene	3100	Not Detected	13000	Not Detected
Bromoform	3100	Not Detected	32000	Not Detected
Cumene	3100	Not Detected	15000	Not Detected
1,1,2,2-Tetrachloroethane	3100	Not Detected	22000	Not Detected
Propylbenzene	3100	Not Detected	15000	Not Detected
4-Ethyltoluene	3100	4200	15000	21000
1,3,5-Trimethylbenzene	3100	Not Detected	15000	Not Detected
1,2,4-Trimethylbenzene	3100	Not Detected	15000	Not Detected
1,3-Dichlorobenzene	3100	Not Detected	19000	Not Detected
1,4-Dichlorobenzene	3100	Not Detected	19000	Not Detected
alpha-Chlorotoluene	3100	Not Detected	16000	Not Detected
1,2-Dichlorobenzene	3100	Not Detected	19000	Not Detected
1,2,4-Trichlorobenzene	12000	Not Detected	94000	Not Detected
Hexachlorobutadiene	12000	Not Detected	130000	Not Detected
TPH ref. to Gasoline (MW=100)	62000	4600000	260000	19000000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor High

ID#: 0405150A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051012**	**Date of Collection:**	**5/8/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**5/10/04 03:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.79	Not Detected	4.0	Not Detected
Freon 114	0.79	Not Detected	5.6	Not Detected
Chloromethane	3.2	Not Detected	6.6	Not Detected
Vinyl Chloride	0.79	Not Detected	2.0	Not Detected
1,3-Butadiene	0.79	Not Detected	1.8	Not Detected
Bromomethane	0.79	Not Detected	3.1	Not Detected
Chloroethane	0.79	Not Detected	2.1	Not Detected
Freon 11	0.79	Not Detected	4.5	Not Detected
Ethanol	3.2	Not Detected	6.0	Not Detected
Freon 113	0.79	Not Detected	6.2	Not Detected
1,1-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Acetone	3.2	5.7	7.6	14
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	0.79	1.4	2.5	4.4
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.79	Not Detected	2.8	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.9	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Hexane	0.79	1.0	2.8	3.7
Vinyl Acetate	3.2	Not Detected	11	Not Detected
1,1-Dichloroethane	0.79	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.79	Not Detected	2.4	Not Detected
cis-1,2-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.4	Not Detected
Chloroform	0.79	Not Detected	3.9	Not Detected
1,1,1-Trichloroethane	0.79	Not Detected	4.4	Not Detected
Cyclohexane	0.79	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.79	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.79	11	3.8	53
Benzene	0.79	1.1	2.6	3.7
1,2-Dichloroethane	0.79	Not Detected	3.2	Not Detected
Heptane	0.79	Not Detected	3.3	Not Detected
Trichloroethene	0.79	Not Detected	4.3	Not Detected
1,2-Dichloropropane	0.79	Not Detected	3.7	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.79	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.79	Not Detected	3.3	Not Detected
Toluene	0.79	Not Detected	3.0	Not Detected
trans-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.79	Not Detected	4.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor High

ID#: 0405150A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051012**	**Date of Collection:**	**5/8/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**5/10/04 03:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.79	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	0.79	Not Detected	6.2	Not Detected
Chlorobenzene	0.79	Not Detected	3.7	Not Detected
Ethyl Benzene	0.79	Not Detected	3.5	Not Detected
m,p-Xylene	0.79	1.3	3.5	5.8
o-Xylene	0.79	Not Detected	3.5	Not Detected
Styrene	0.79	Not Detected	3.4	Not Detected
Bromoform	0.79	Not Detected	8.3	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.79	Not Detected	5.5	Not Detected
Propylbenzene	0.79	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.79	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected
TPH ref. to Gasoline (MW=100)	16	450	66	1800

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405150A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 09:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405150A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 09:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405150A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051002**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 06:12 AM**

Compound	%Recovery
Freon 12	98
Freon 114	97
Chloromethane	94
Vinyl Chloride	86
1,3-Butadiene	83
Bromomethane	88
Chloroethane	92
Freon 11	104
Ethanol	76
Freon 113	96
1,1-Dichloroethene	92
Acetone	78
2-Propanol	80
Carbon Disulfide	88
3-Chloropropene	90
Methylene Chloride	81
Methyl tert-butyl ether	110
trans-1,2-Dichloroethene	90
Hexane	87
Vinyl Acetate	95
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	94
Tetrahydrofuran	85
Chloroform	108
1,1,1-Trichloroethane	117
Cyclohexane	106
Carbon Tetrachloride	120
2,2,4-Trimethylpentane	98
Benzene	98
1,2-Dichloroethane	105
Heptane	108
Trichloroethene	108
1,2-Dichloropropane	96
1,4-Dioxane	100
Bromodichloromethane	111
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	104
Toluene	107
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	98
Tetrachloroethene	101

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405150A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051002**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 06:12 AM**	

Compound	%Recovery
2-Hexanone	85
Dibromochloromethane	111
1,2-Dibromoethane (EDB)	105
Chlorobenzene	104
Ethyl Benzene	105
m,p-Xylene	108
o-Xylene	109
Styrene	116
Bromoform	117
Cumene	114
1,1,2,2-Tetrachloroethane	97
Propylbenzene	113
4-Ethyltoluene	103
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	87
alpha-Chlorotoluene	83
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	76
Hexachlorobutadiene	76
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405150A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 07:07 AM**	

Compound	%Recovery
Freon 12	82
Freon 114	88
Chloromethane	74
Vinyl Chloride	70
1,3-Butadiene	67
Bromomethane	77
Chloroethane	91
Freon 11	92
Ethanol	96
Freon 113	82
1,1-Dichloroethene	80
Acetone	74
2-Propanol	87
Carbon Disulfide	84
3-Chloropropene	69
Methylene Chloride	70
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	85
Hexane	83
Vinyl Acetate	100
1,1-Dichloroethane	82
2-Butanone (Methyl Ethyl Ketone)	86
cis-1,2-Dichloroethene	84
Tetrahydrofuran	86
Chloroform	96
1,1,1-Trichloroethane	112
Cyclohexane	101
Carbon Tetrachloride	109
2,2,4-Trimethylpentane	73
Benzene	94
1,2-Dichloroethane	99
Heptane	102
Trichloroethene	103
1,2-Dichloropropane	94
1,4-Dioxane	101
Bromodichloromethane	99
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	94
Toluene	93
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	90
Tetrachloroethene	92

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405150A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051003**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 07:07 AM**	

Compound	%Recovery
2-Hexanone	82
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	87
Chlorobenzene	92
Ethyl Benzene	90
m,p-Xylene	90
o-Xylene	89
Styrene	100
Bromoform	97
Cumene	87
1,1,2,2-Tetrachloroethane	88
Propylbenzene	63
4-Ethyltoluene	86
1,3,5-Trimethylbenzene	84
1,2,4-Trimethylbenzene	75
1,3-Dichlorobenzene	81
1,4-Dichlorobenzene	75
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	74
1,2,4-Trichlorobenzene	76
Hexachlorobutadiene	75
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	100	70-130

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(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: LFR
Address: 13880 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Donnelly

Project Info:
P.O. #:
Project #: 014-1072-00-005
Project Name: Silvercroft Condo

Turn Around Time:
☐ Normal
☑ Rush: ASAP / 24 hr. (Specify)

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	Influent Vapor	5-08-04 1030	TO-15 High/Low Pce, Tce	29.0	0	40 psi
02A	Effluent Vapor	5-08-04 1035	" " " " " "	29.0	0	45 psi

Relinquished By: (Signature) Date/Time: Tom Donnelly 5-8-04 1130
Received By: (Signature) Date/Time: FedEx 844938655156 5-8-04 1130
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time: Laura A. Thomas AIR 5/10/04 940
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	7906 3385 7496	[illegible]	—	Good	Yes No (None)	0405153A

Form 1239 rev. 06

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405150B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/10/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/11/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01B	Influent Vapor	Mod. Method TO-15	4.0 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/11/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405150B

One 1 Liter Summa Canister (100% Certified) sample was received on May 10, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor

ID#: 0405150B-01B

MODIFIED TO-15 GC/MS

File Name:	**3051024**	**Date of Collection:**	**5/8/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/10/04 05:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.8	Not Detected	42	Not Detected
Tetrachloroethene	7.8	Not Detected	53	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405150B-02A

MODIFIED TO-15 GC/MS

File Name:	**3051023**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 04:48 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405150B-03A

MODIFIED TO-15 GC/MS

File Name:	**3051021**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 03:59 PM**	

Compound	%Recovery
Trichloroethene	110
Tetrachloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405150B-04A

MODIFIED TO-15 GC/MS

File Name:	**3051022**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/10/04 04:24 PM**	

Compound	%Recovery
Trichloroethene	114
Tetrachloroethene	114

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

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(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: LFR
Address: 13980 North Sight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Quinn

Project info:
P.O. #:
Project #: 014-1022-00-005
Project Name: Silvercroft wash

Turn Around Time:
☐ Normal
☒ Rush ASAP/24 hr. Specify

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	Influent Vapor	5-08-04 1030	TO-15 High/low Pce, Tce	29.0	0	4.5
02A	Effluent Vapor	5-08-04 1035	" " " " " "	29.0	0	4.5

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Quinn 5-8-04 1130	Fed Ex 844438655156 5-8-04 1130
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Laura A. Thomas ATL 5/10/04 940
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	7906 3385 7496	[illegible]	—	Good	Yes No (None)	0405153

Form 1253 rev. 09

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- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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WORK ORDER #: 0405163A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silver Croft Wash
DATE RECEIVED:	5/11/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/12/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	4.0 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/12/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405163A

One 1 Liter Silonite Canister (100% Certified) sample was received on May 11, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405163A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051126**	**Date of Collection:**	**5/10/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/12/04 05:45 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.78	Not Detected	3.9	Not Detected
Freon 114	0.78	Not Detected	5.5	Not Detected
Chloromethane	3.1	Not Detected	6.5	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	0.78	Not Detected	3.0	Not Detected
Chloroethane	0.78	Not Detected	2.1	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	3.1	Not Detected	5.9	Not Detected
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	3.1	Not Detected	7.5	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	0.78	Not Detected	2.4	Not Detected
3-Chloropropene	3.1	Not Detected	9.9	Not Detected
Methylene Chloride	0.78	Not Detected	2.7	Not Detected
Methyl tert-butyl ether	0.78	2.7	2.8	10
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	1.4	2.8	5.2
Vinyl Acetate	3.1	Not Detected	11	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.78	Not Detected	2.3	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.3	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.78	1.0	3.7	4.8
Benzene	0.78	0.87	2.5	2.8
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	0.78	1.7	3.0	6.5
trans-1,3-Dichloropropene	0.78	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.3	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected

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SAMPLE NAME: Effluent Vapor

ID#: 0405163A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051126**	**Date of Collection:**	**5/10/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/12/04 05:45 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.1	Not Detected	13	Not Detected
Dibromochloromethane	0.78	Not Detected	6.7	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	Not Detected	3.4	Not Detected
o-Xylene	0.78	Not Detected	3.4	Not Detected
Styrene	0.78	Not Detected	3.4	Not Detected
Bromoform	0.78	Not Detected	8.1	Not Detected
Cumene	0.78	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.4	Not Detected
Propylbenzene	0.78	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.78	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.78	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.78	Not Detected	3.9	Not Detected
1,3-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	34	Not Detected
TPH ref. to Gasoline (MW=100)	16	280	64	1200

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405163A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 10:09 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405163A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051107**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 10:09 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405163A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 07:18 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	104
Chloromethane	99
Vinyl Chloride	94
1,3-Butadiene	89
Bromomethane	99
Chloroethane	100
Freon 11	110
Ethanol	88
Freon 113	105
1,1-Dichloroethene	100
Acetone	86
2-Propanol	90
Carbon Disulfide	96
3-Chloropropene	98
Methylene Chloride	88
Methyl tert-butyl ether	123
trans-1,2-Dichloroethene	97
Hexane	96
Vinyl Acetate	104
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	102
Tetrahydrofuran	95
Chloroform	115
1,1,1-Trichloroethane	124
Cyclohexane	113
Carbon Tetrachloride	127
2,2,4-Trimethylpentane	107
Benzene	107
1,2-Dichloroethane	114
Heptane	118
Trichloroethene	116
1,2-Dichloropropane	106
1,4-Dioxane	109
Bromodichloromethane	120
cis-1,3-Dichloropropene	112
4-Methyl-2-pentanone	114
Toluene	116
trans-1,3-Dichloropropene	103
1,1,2-Trichloroethane	105
Tetrachloroethene	108

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405163A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 07:18 AM**	

Compound	%Recovery
2-Hexanone	93
Dibromochloromethane	119
1,2-Dibromoethane (EDB)	112
Chlorobenzene	110
Ethyl Benzene	113
m,p-Xylene	114
o-Xylene	115
Styrene	121
Bromoform	122
Cumene	121
1,1,2,2-Tetrachloroethane	103
Propylbenzene	120
4-Ethyltoluene	110
1,3,5-Trimethylbenzene	107
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	93
alpha-Chlorotoluene	88
1,2-Dichlorobenzene	85
1,2,4-Trichlorobenzene	82
Hexachlorobutadiene	84
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405163A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 08:04 AM**	

Compound	%Recovery
Freon 12	87
Freon 114	89
Chloromethane	77
Vinyl Chloride	76
1,3-Butadiene	69
Bromomethane	85
Chloroethane	96
Freon 11	94
Ethanol	101
Freon 113	84
1,1-Dichloroethene	82
Acetone	79
2-Propanol	90
Carbon Disulfide	86
3-Chloropropene	68
Methylene Chloride	70
Methyl tert-butyl ether	101
trans-1,2-Dichloroethene	87
Hexane	85
Vinyl Acetate	96
1,1-Dichloroethane	84
2-Butanone (Methyl Ethyl Ketone)	88
cis-1,2-Dichloroethene	86
Tetrahydrofuran	88
Chloroform	97
1,1,1-Trichloroethane	112
Cyclohexane	102
Carbon Tetrachloride	111
2,2,4-Trimethylpentane	76
Benzene	96
1,2-Dichloroethane	103
Heptane	102
Trichloroethene	105
1,2-Dichloropropane	98
1,4-Dioxane	104
Bromodichloromethane	103
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	100
Toluene	96
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	92
Tetrachloroethene	92

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405163A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 08:04 AM**	

Compound	%Recovery
2-Hexanone	85
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	89
Chlorobenzene	95
Ethyl Benzene	94
m,p-Xylene	93
o-Xylene	93
Styrene	105
Bromoform	102
Cumene	91
1,1,2,2-Tetrachloroethane	92
Propylbenzene	67
4-Ethyltoluene	90
1,3,5-Trimethylbenzene	87
1,2,4-Trimethylbenzene	79
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	78
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	76
1,2,4-Trichlorobenzene	63 Q
Hexachlorobutadiene	63 Q
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405163B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silver Croft Wash
DATE RECEIVED:	5/11/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/12/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor-High	Mod. Method TO-15	3.5 "Hg
01B	Influent Vapor-Low	Mod. Method TO-15	3.5 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/12/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-14A
LFR Levine-Fricke
Workorder# 0405163B

One 1 Liter Silonite Canister (100% Certified) samples were received on May 11, 2004. The laboratory performed the analysis via Modified Method TO-14A using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 %.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day. (TO-14A)	CCV Internal Standard area counts are compared to the ICAL; corrective action for > 40 %D.
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, the sample was analyzed twice in order to accurately determine high-level compounds and achieve lower detection limits for Trichloroethene and Tetrachloroehten.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor-High

ID#: 0405163B-01A

MODIFIED EPA METHOD TO-14A GC/MS

File Name:	**e051112**	**Date of Collection:**	**5/10/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/11/04 08:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	Not Detected	52	Not Detected

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor-Low

ID#: 0405163B-01B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051111**	**Date of Collection:**	**5/10/04**
Dil. Factor:	**122**	**Date of Analysis:**	**5/11/04 07:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	610	Not Detected	3100	Not Detected
Freon 113	610	Not Detected	4800	Not Detected
Chloroform	610	Not Detected	3000	Not Detected
1,1,1-Trichloroethane	610	Not Detected	3400	Not Detected
Carbon Tetrachloride	610	Not Detected	3900	Not Detected
1,1-Dichloroethene	610	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	610	Not Detected	2400	Not Detected
cis-1,2-Dichloroethene	610	Not Detected	2400	Not Detected
Benzene	610	87000	2000	280000
Toluene	610	100000	2300	380000
Ethyl Benzene	610	7800	2700	34000
m,p-Xylene	610	20000	2700	86000
o-Xylene	610	6600	2700	29000
Vinyl Chloride	610	Not Detected	1600	Not Detected
1,1-Dichloroethane	610	Not Detected	2500	Not Detected
Chlorobenzene	610	Not Detected	2800	Not Detected
Methylene Chloride	610	Not Detected	2200	Not Detected
Freon 11	610	Not Detected	3500	Not Detected
Chloromethane	610	Not Detected	1300	Not Detected
1,2-Dichloroethane	610	Not Detected	2500	Not Detected
Freon 114	610	Not Detected	4300	Not Detected
Bromomethane	610	Not Detected	2400	Not Detected
Chloroethane	610	Not Detected	1600	Not Detected
2-Propanol	610	Not Detected	1500	Not Detected
Methyl tert-butyl ether	610	520000	2200	1900000
1,2-Dichloropropane	610	Not Detected	2900	Not Detected
1,1,2-Trichloroethane	610	Not Detected	3400	Not Detected
1,3,5-Trimethylbenzene	610	890	3000	4500
1,2,4-Trimethylbenzene	610	2200	3000	11000
1,3-Dichlorobenzene	610	Not Detected	3700	Not Detected
1,4-Dichlorobenzene	610	Not Detected	3700	Not Detected
1,2-Dichlorobenzene	610	Not Detected	3700	Not Detected
1,2-Dibromoethane (EDB)	610	Not Detected	4800	Not Detected
1,1,2,2-Tetrachloroethane	610	Not Detected	4200	Not Detected
TPH ref. to Gasoline (MW=100)	12000	3300000	51000	14000000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor-Low

ID#: 0405163B-01B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051111**	**Date of Collection:**	**5/10/04**
Dil. Factor:	**122**	**Date of Analysis:**	**5/11/04 07:44 PM**

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405163B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 02:29 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405163B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 02:29 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405163B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 12:11 PM**	

Compound	%Recovery
Freon 12	102
Freon 113	99
Chloroform	106
1,1,1-Trichloroethane	101
Carbon Tetrachloride	110
Trichloroethene	100
Tetrachloroethene	104
1,1-Dichloroethene	98
trans-1,2-Dichloroethene	101
cis-1,2-Dichloroethene	100
Benzene	100
Toluene	97
Ethyl Benzene	96
m,p-Xylene	88
o-Xylene	89
Vinyl Chloride	88
1,1-Dichloroethane	99
Chlorobenzene	104
Methylene Chloride	90
Freon 11	106
Chloromethane	78
1,2-Dichloroethane	104
Freon 114	103
Bromomethane	94
Chloroethane	95
2-Propanol	92
Methyl tert-butyl ether	94
1,2-Dichloropropane	97
1,1,2-Trichloroethane	103
1,3,5-Trimethylbenzene	86
1,2,4-Trimethylbenzene	90
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	92
1,2-Dichlorobenzene	91
1,2-Dibromoethane (EDB)	106
1,1,2,2-Tetrachloroethane	88

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405163B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 12:11 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405163B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 01:03 PM**	

Compound	%Recovery
Freon 12	128
Freon 113	108
Chloroform	108
1,1,1-Trichloroethane	110
Carbon Tetrachloride	121
Trichloroethene	107
Tetrachloroethene	110
1,1-Dichloroethene	112
trans-1,2-Dichloroethene	104
cis-1,2-Dichloroethene	103
Benzene	109
Toluene	106
Ethyl Benzene	112
m,p-Xylene	98
o-Xylene	101
Vinyl Chloride	108
1,1-Dichloroethane	94
Chlorobenzene	119
Methylene Chloride	100
Freon 11	131 Q
Chloromethane	101
1,2-Dichloroethane	109
Freon 114	131 Q
Bromomethane	118
Chloroethane	117
2-Propanol	97
Methyl tert-butyl ether	86
1,2-Dichloropropane	96
1,1,2-Trichloroethane	110
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	106
1,2-Dichlorobenzene	110
1,2-Dibromoethane (EDB)	109
1,1,2,2-Tetrachloroethane	107

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405163B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/11/04 01:03 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	108	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405236A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/14/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/17/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	3.5 "Hg
02AA	Effluent Vapor Duplicate	Modified TO-15	3.5 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/17/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405236A

One 1 Liter Silonite Canister (100% Certified) sample was received on May 14, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

The peaks that were included in the TPH gasoline calculation were not consistent with a gasoline pattern.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405236A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051415**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/14/04 08:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.76	Not Detected	3.8	Not Detected
Freon 114	0.76	Not Detected	5.4	Not Detected
Chloromethane	3.0	Not Detected	6.4	Not Detected
Vinyl Chloride	0.76	Not Detected	2.0	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	0.76	Not Detected	3.0	Not Detected
Chloroethane	0.76	Not Detected	2.0	Not Detected
Freon 11	0.76	Not Detected	4.3	Not Detected
Ethanol	3.0	Not Detected	5.8	Not Detected
Freon 113	0.76	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Acetone	3.0	Not Detected	7.3	Not Detected
2-Propanol	3.0	Not Detected	7.6	Not Detected
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
3-Chloropropene	3.0	Not Detected	9.7	Not Detected
Methylene Chloride	0.76	Not Detected	2.7	Not Detected
Methyl tert-butyl ether	0.76	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
Vinyl Acetate	3.0	Not Detected	11	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.76	0.91	2.3	2.7
cis-1,2-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.3	Not Detected
Chloroform	0.76	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.2	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Benzene	0.76	1.2	2.5	4.0
1,2-Dichloroethane	0.76	Not Detected	3.1	Not Detected
Heptane	0.76	Not Detected	3.2	Not Detected
Trichloroethene	0.76	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.6	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.2	Not Detected
Toluene	0.76	4.0	2.9	15
trans-1,3-Dichloropropene	0.76	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.2	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405236A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051415**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/14/04 08:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.0	Not Detected	13	Not Detected
Dibromochloromethane	0.76	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.9	Not Detected
Chlorobenzene	0.76	Not Detected	3.6	Not Detected
Ethyl Benzene	0.76	Not Detected	3.4	Not Detected
m,p-Xylene	0.76	2.1	3.4	9.4
o-Xylene	0.76	Not Detected	3.4	Not Detected
Styrene	0.76	Not Detected	3.3	Not Detected
Bromoform	0.76	Not Detected	8.0	Not Detected
Cumene	0.76	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.3	Not Detected
Propylbenzene	0.76	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	23	Not Detected
Hexachlorobutadiene	3.0	Not Detected	33	Not Detected
TPH ref. to Gasoline (MW=100)	15	230	63	960

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor Duplicate

ID#: 0405236A-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051416**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/14/04 08:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.76	Not Detected	3.8	Not Detected
Freon 114	0.76	Not Detected	5.4	Not Detected
Chloromethane	3.0	Not Detected	6.4	Not Detected
Vinyl Chloride	0.76	Not Detected	2.0	Not Detected
1,3-Butadiene	0.76	Not Detected	1.7	Not Detected
Bromomethane	0.76	Not Detected	3.0	Not Detected
Chloroethane	0.76	Not Detected	2.0	Not Detected
Freon 11	0.76	Not Detected	4.3	Not Detected
Ethanol	3.0	Not Detected	5.8	Not Detected
Freon 113	0.76	Not Detected	5.9	Not Detected
1,1-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Acetone	3.0	Not Detected	7.3	Not Detected
2-Propanol	3.0	Not Detected	7.6	Not Detected
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
3-Chloropropene	3.0	Not Detected	9.7	Not Detected
Methylene Chloride	0.76	Not Detected	2.7	Not Detected
Methyl tert-butyl ether	0.76	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Hexane	0.76	Not Detected	2.7	Not Detected
Vinyl Acetate	3.0	Not Detected	11	Not Detected
1,1-Dichloroethane	0.76	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.76	0.77	2.3	2.3
cis-1,2-Dichloroethene	0.76	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.3	Not Detected
Chloroform	0.76	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.76	Not Detected	4.2	Not Detected
Cyclohexane	0.76	Not Detected	2.6	Not Detected
Carbon Tetrachloride	0.76	Not Detected	4.9	Not Detected
2,2,4-Trimethylpentane	0.76	Not Detected	3.6	Not Detected
Benzene	0.76	1.2	2.5	4.0
1,2-Dichloroethane	0.76	Not Detected	3.1	Not Detected
Heptane	0.76	Not Detected	3.2	Not Detected
Trichloroethene	0.76	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.76	Not Detected	3.6	Not Detected
1,4-Dioxane	3.0	Not Detected	11	Not Detected
Bromodichloromethane	0.76	Not Detected	5.2	Not Detected
cis-1,3-Dichloropropene	0.76	Not Detected	3.5	Not Detected
4-Methyl-2-pentanone	0.76	Not Detected	3.2	Not Detected
Toluene	0.76	3.9	2.9	15
trans-1,3-Dichloropropene	0.76	Not Detected	3.5	Not Detected
1,1,2-Trichloroethane	0.76	Not Detected	4.2	Not Detected
Tetrachloroethene	0.76	Not Detected	5.2	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor Duplicate

ID#: 0405236A-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051416**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/14/04 08:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.0	Not Detected	13	Not Detected
Dibromochloromethane	0.76	Not Detected	6.6	Not Detected
1,2-Dibromoethane (EDB)	0.76	Not Detected	5.9	Not Detected
Chlorobenzene	0.76	Not Detected	3.6	Not Detected
Ethyl Benzene	0.76	Not Detected	3.4	Not Detected
m,p-Xylene	0.76	2.0	3.4	9.1
o-Xylene	0.76	Not Detected	3.4	Not Detected
Styrene	0.76	Not Detected	3.3	Not Detected
Bromoform	0.76	Not Detected	8.0	Not Detected
Cumene	0.76	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.76	Not Detected	5.3	Not Detected
Propylbenzene	0.76	Not Detected	3.8	Not Detected
4-Ethyltoluene	0.76	Not Detected	3.8	Not Detected
1,3,5-Trimethylbenzene	0.76	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.76	Not Detected	3.8	Not Detected
1,3-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,4-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
alpha-Chlorotoluene	0.76	Not Detected	4.0	Not Detected
1,2-Dichlorobenzene	0.76	Not Detected	4.6	Not Detected
1,2,4-Trichlorobenzene	3.0	Not Detected	23	Not Detected
Hexachlorobutadiene	3.0	Not Detected	33	Not Detected
TPH ref. to Gasoline (MW=100)	15	220	63	910

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405236A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/04 10:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405236A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051405**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/04 10:51 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405236A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/04 07:13 AM**	

Compound	%Recovery
Freon 12	100
Freon 114	99
Chloromethane	94
Vinyl Chloride	87
1,3-Butadiene	84
Bromomethane	86
Chloroethane	94
Freon 11	106
Ethanol	83
Freon 113	98
1,1-Dichloroethene	95
Acetone	80
2-Propanol	86
Carbon Disulfide	91
3-Chloropropene	91
Methylene Chloride	84
Methyl tert-butyl ether	118
trans-1,2-Dichloroethene	91
Hexane	90
Vinyl Acetate	96
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	98
Tetrahydrofuran	91
Chloroform	111
1,1,1-Trichloroethane	119
Cyclohexane	107
Carbon Tetrachloride	122
2,2,4-Trimethylpentane	101
Benzene	101
1,2-Dichloroethane	110
Heptane	111
Trichloroethene	110
1,2-Dichloropropane	101
1,4-Dioxane	102
Bromodichloromethane	115
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	108
Toluene	110
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	102
Tetrachloroethene	105

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405236A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/04 07:13 AM**	

Compound	%Recovery
2-Hexanone	90
Dibromochloromethane	115
1,2-Dibromoethane (EDB)	108
Chlorobenzene	106
Ethyl Benzene	108
m,p-Xylene	110
o-Xylene	110
Styrene	116
Bromoform	118
Cumene	116
1,1,2,2-Tetrachloroethane	99
Propylbenzene	114
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	80
1,2-Dichlorobenzene	80
1,2,4-Trichlorobenzene	76
Hexachlorobutadiene	78
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405236A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/04 09:06 AM**	

Compound	%Recovery
Freon 12	82
Freon 114	90
Chloromethane	68 Q
Vinyl Chloride	71
1,3-Butadiene	68
Bromomethane	76
Chloroethane	78
Freon 11	96
Ethanol	102
Freon 113	84
1,1-Dichloroethene	83
Acetone	76
2-Propanol	92
Carbon Disulfide	87
3-Chloropropene	70
Methylene Chloride	72
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	86
Hexane	85
Vinyl Acetate	98
1,1-Dichloroethane	84
2-Butanone (Methyl Ethyl Ketone)	90
cis-1,2-Dichloroethene	88
Tetrahydrofuran	91
Chloroform	98
1,1,1-Trichloroethane	115
Cyclohexane	102
Carbon Tetrachloride	114
2,2,4-Trimethylpentane	76
Benzene	94
1,2-Dichloroethane	101
Heptane	101
Trichloroethene	104
1,2-Dichloropropane	96
1,4-Dioxane	101
Bromodichloromethane	101
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	100
Toluene	95
trans-1,3-Dichloropropene	92
1,1,2-Trichloroethane	90
Tetrachloroethene	91

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405236A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/14/04 09:06 AM**	

Compound	%Recovery
2-Hexanone	83
Dibromochloromethane	102
1,2-Dibromoethane (EDB)	88
Chlorobenzene	92
Ethyl Benzene	92
m,p-Xylene	92
o-Xylene	92
Styrene	104
Bromoform	105
Cumene	91
1,1,2,2-Tetrachloroethane	95
Propylbenzene	68
4-Ethyltoluene	93
1,3,5-Trimethylbenzene	90
1,2,4-Trimethylbenzene	82
1,3-Dichlorobenzene	90
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	105
1,2-Dichlorobenzene	83
1,2,4-Trichlorobenzene	83
Hexachlorobutadiene	83
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	106	70-130

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nasky
Company: LFR
Address: 13880 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Vanny

Project Info:
P.O. #:
Project #: 014-1422-06-005
Project Name: Silvercraft Work

Turn Around Time:
☐ Normal
☑ Rush: ASAP / 24hr
Specify

mw 5/14/04

Prelim to

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
—	Influent Vapor	5-13-04 1400	TO-15 High/low Pce, Tce	28.5	0	3.5"Hg
02A	Effluent Vapor	5-13-04 1405	"	28.5	0	3.5"Hg

Sys

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Vanny 5-13-04 1530	FedEx 842163080735 5-13-04 1530
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Laura D. Thomas AIL 5/14/04 1010
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8421 6308 0735		—	Good	Yes No (None)	0405236A

Form 1568 rev 09

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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WORK ORDER #: 0405236B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/14/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:			

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor	Mod. Method TO-15	3.5 "Hg
01B	Influent Vapor	Mod. Method TO-15	3.5 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/17/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405236B

One 1 Liter Summa Canister (100% Certified) sample was received on May 14, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor

ID#: 0405236B-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051617**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**203**	**Date of Analysis:**	**5/16/04 04:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1000	Not Detected	5100	Not Detected
Freon 113	1000	Not Detected	7900	Not Detected
Chloroform	1000	Not Detected	5000	Not Detected
1,1,1-Trichloroethane	1000	Not Detected	5600	Not Detected
Carbon Tetrachloride	1000	Not Detected	6500	Not Detected
1,1-Dichloroethene	1000	Not Detected	4100	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
cis-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
Benzene	1000	130000	3300	410000
Toluene	1000	150000	3900	570000
Ethyl Benzene	1000	12000	4500	52000
m,p-Xylene	1000	29000	4500	130000
o-Xylene	1000	9500	4500	42000
Vinyl Chloride	1000	Not Detected	2600	Not Detected
1,1-Dichloroethane	1000	Not Detected	4200	Not Detected
Chlorobenzene	1000	Not Detected	4700	Not Detected
Methylene Chloride	1000	Not Detected	3600	Not Detected
Freon 11	1000	Not Detected	5800	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
1,2-Dichloroethane	1000	Not Detected	4200	Not Detected
Freon 114	1000	Not Detected	7200	Not Detected
Bromomethane	1000	Not Detected	4000	Not Detected
Chloroethane	1000	Not Detected	2700	Not Detected
2-Propanol	1000	Not Detected	2500	Not Detected
Methyl tert-butyl ether	1000	540000	3700	2000000
1,2-Dichloropropane	1000	Not Detected	4800	Not Detected
1,1,2-Trichloroethane	1000	Not Detected	5600	Not Detected
1,3,5-Trimethylbenzene	1000	1500	5100	7300
1,2,4-Trimethylbenzene	1000	3300	5100	16000
1,3-Dichlorobenzene	1000	Not Detected	6200	Not Detected
1,4-Dichlorobenzene	1000	Not Detected	6200	Not Detected
1,2-Dichlorobenzene	1000	Not Detected	6200	Not Detected
1,2-Dibromoethane (EDB)	1000	Not Detected	7900	Not Detected
1,1,2,2-Tetrachloroethane	1000	Not Detected	7100	Not Detected
TPH ref. to Gasoline (MW=100)	20000	4400000	84000	18000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor

ID#: 0405236B-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051617**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**203**	**Date of Analysis:**	**5/16/04 04:33 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor

ID#: 0405236B-01B

MODIFIED TO-15 GC/MS

File Name:	**e051618**	**Date of Collection:**	**5/13/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**5/16/04 04:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	Not Detected	52	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405236B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051614**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 03:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

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SAMPLE NAME: Lab Blank

ID#: 0405236B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051614**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 03:16 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405236B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051612**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 02:24 PM**	

Compound	%Recovery
Freon 12	111
Freon 113	103
Chloroform	109
1,1,1-Trichloroethane	109
Carbon Tetrachloride	114
Trichloroethene	100
Tetrachloroethene	100
1,1-Dichloroethene	103
trans-1,2-Dichloroethene	100
cis-1,2-Dichloroethene	98
Benzene	99
Toluene	97
Ethyl Benzene	100
m,p-Xylene	102
o-Xylene	100
Vinyl Chloride	93
1,1-Dichloroethane	98
Chlorobenzene	107
Methylene Chloride	95
Freon 11	118
Chloromethane	82
1,2-Dichloroethane	108
Freon 114	108
Bromomethane	100
Chloroethane	97
2-Propanol	90
Methyl tert-butyl ether	87
1,2-Dichloropropane	95
1,1,2-Trichloroethane	102
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	94
1,2-Dichlorobenzene	94
1,2-Dibromoethane (EDB)	110
1,1,2,2-Tetrachloroethane	97

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405236B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051612**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 02:24 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

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SAMPLE NAME: LCS

ID#: 0405236B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051613**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 02:52 PM**	

Compound	%Recovery
Freon 12	114
Freon 113	92
Chloroform	107
1,1,1-Trichloroethane	105
Carbon Tetrachloride	111
Trichloroethene	107
Tetrachloroethene	106
1,1-Dichloroethene	96
trans-1,2-Dichloroethene	94
cis-1,2-Dichloroethene	95
Benzene	102
Toluene	100
Ethyl Benzene	106
m,p-Xylene	90
o-Xylene	94
Vinyl Chloride	96
1,1-Dichloroethane	87
Chlorobenzene	112
Methylene Chloride	88
Freon 11	118
Chloromethane	83
1,2-Dichloroethane	106
Freon 114	106
Bromomethane	103
Chloroethane	96
2-Propanol	80
Methyl tert-butyl ether	78
1,2-Dichloropropane	92
1,1,2-Trichloroethane	107
1,3,5-Trimethylbenzene	86
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	91
1,4-Dichlorobenzene	89
1,2-Dichlorobenzene	97
1,2-Dibromoethane (EDB)	103
1,1,2,2-Tetrachloroethane	93

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405236B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051613**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/16/04 02:52 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

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Contact Person: Mike Alesky
Company: LFR
Address: 13880 North Light #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tim Lundy

Project Info:
P.O. #:
Project #: 014-022-06-005
Project Name: Silverado Wash

Turn Around Time:
☐ Normal
☑ Rush ASAP / 24hr
Specify

MW 5/14/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	Influent Vapor	5-13-04 1400	TO-15 High/low PCE, TCE	28.5	0	3.5"Hg
02A	Effluent Vapor	5-13-04 1405	"	28.5	0	3.5"Hg

Relinquished By (Signature) Date/Time	Received By: (Signature) Date/Time
Tim Lundy 5-13-04 1530	FedEx 8421 6308 0735 5-13-04 1530
Relinquished By (Signature) Date/Time	Received By: (Signature) Date/Time
	Lawrence Thomas ATL 5/14/04 1010
Relinquished By (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8421 6308 0735		—	Good	Yes No (None)	0405236B

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WORK ORDER #: 0405275A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/18/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/19/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	4.5 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/19/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405275A

One 1 Liter Summa Canister (100% Certified) sample was received on May 18, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405275A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051821**	**Date of Collection:**	**5/17/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**5/19/04 09:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.79	Not Detected	4.0	Not Detected
Freon 114	0.79	Not Detected	5.6	Not Detected
Chloromethane	3.2	Not Detected	6.6	Not Detected
Vinyl Chloride	0.79	Not Detected	2.0	Not Detected
1,3-Butadiene	0.79	Not Detected	1.8	Not Detected
Bromomethane	0.79	Not Detected	3.1	Not Detected
Chloroethane	0.79	Not Detected	2.1	Not Detected
Freon 11	0.79	Not Detected	4.5	Not Detected
Ethanol	3.2	3.2	6.0	6.1
Freon 113	0.79	Not Detected	6.2	Not Detected
1,1-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Acetone	3.2	Not Detected	7.6	Not Detected
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	0.79	Not Detected	2.5	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.79	Not Detected	2.8	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.9	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Hexane	0.79	Not Detected	2.8	Not Detected
Vinyl Acetate	3.2	Not Detected	11	Not Detected
1,1-Dichloroethane	0.79	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.79	Not Detected	2.4	Not Detected
cis-1,2-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.4	Not Detected
Chloroform	0.79	Not Detected	3.9	Not Detected
1,1,1-Trichloroethane	0.79	Not Detected	4.4	Not Detected
Cyclohexane	0.79	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.79	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.79	Not Detected	3.8	Not Detected
Benzene	0.79	Not Detected	2.6	Not Detected
1,2-Dichloroethane	0.79	Not Detected	3.2	Not Detected
Heptane	0.79	Not Detected	3.3	Not Detected
Trichloroethene	0.79	Not Detected	4.3	Not Detected
1,2-Dichloropropane	0.79	Not Detected	3.7	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.79	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.79	Not Detected	3.3	Not Detected
Toluene	0.79	1.6	3.0	6.1
trans-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.79	Not Detected	4.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405275A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051821**	**Date of Collection:**	**5/17/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**5/19/04 09:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.79	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	0.79	Not Detected	6.2	Not Detected
Chlorobenzene	0.79	Not Detected	3.7	Not Detected
Ethyl Benzene	0.79	Not Detected	3.5	Not Detected
m,p-Xylene	0.79	1.0	3.5	4.7
o-Xylene	0.79	Not Detected	3.5	Not Detected
Styrene	0.79	Not Detected	3.4	Not Detected
Bromoform	0.79	Not Detected	8.3	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.79	Not Detected	5.5	Not Detected
Propylbenzene	0.79	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.79	0.94	3.9	4.7
1,3-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.79	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected
TPH ref. to Gasoline (MW=100)	16	110	66	460

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405275A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 12:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405275A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051806**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 12:39 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405275A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 09:48 AM**	

Compound	%Recovery
Freon 12	102
Freon 114	101
Chloromethane	94
Vinyl Chloride	90
1,3-Butadiene	86
Bromomethane	85
Chloroethane	97
Freon 11	105
Ethanol	88
Freon 113	100
1,1-Dichloroethene	97
Acetone	83
2-Propanol	90
Carbon Disulfide	93
3-Chloropropene	95
Methylene Chloride	86
Methyl tert-butyl ether	118
trans-1,2-Dichloroethene	93
Hexane	94
Vinyl Acetate	103
1,1-Dichloroethane	98
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	100
Tetrahydrofuran	94
Chloroform	111
1,1,1-Trichloroethane	119
Cyclohexane	111
Carbon Tetrachloride	121
2,2,4-Trimethylpentane	104
Benzene	99
1,2-Dichloroethane	105
Heptane	108
Trichloroethene	105
1,2-Dichloropropane	98
1,4-Dioxane	100
Bromodichloromethane	109
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	106
Toluene	108
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	99
Tetrachloroethene	101

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SAMPLE NAME: CCV

ID#: 0405275A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 09:48 AM**	

Compound	%Recovery
2-Hexanone	89
Dibromochloromethane	110
1,2-Dibromoethane (EDB)	104
Chlorobenzene	104
Ethyl Benzene	106
m,p-Xylene	108
o-Xylene	109
Styrene	116
Bromoform	116
Cumene	115
1,1,2,2-Tetrachloroethane	102
Propylbenzene	114
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	102
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	91
1,4-Dichlorobenzene	89
alpha-Chlorotoluene	83
1,2-Dichlorobenzene	83
1,2,4-Trichlorobenzene	81
Hexachlorobutadiene	81
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405275A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 11:13 AM**	

Compound	%Recovery
Freon 12	80
Freon 114	91
Chloromethane	68 Q
Vinyl Chloride	71
1,3-Butadiene	70
Bromomethane	74
Chloroethane	85
Freon 11	95
Ethanol	105
Freon 113	85
1,1-Dichloroethene	83
Acetone	78
2-Propanol	93
Carbon Disulfide	87
3-Chloropropene	70
Methylene Chloride	72
Methyl tert-butyl ether	108
trans-1,2-Dichloroethene	87
Hexane	87
Vinyl Acetate	102
1,1-Dichloroethane	86
2-Butanone (Methyl Ethyl Ketone)	92
cis-1,2-Dichloroethene	87
Tetrahydrofuran	93
Chloroform	98
1,1,1-Trichloroethane	113
Cyclohexane	102
Carbon Tetrachloride	111
2,2,4-Trimethylpentane	76
Benzene	96
1,2-Dichloroethane	100
Heptane	101
Trichloroethene	101
1,2-Dichloropropane	96
1,4-Dioxane	103
Bromodichloromethane	100
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	98
Toluene	95
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	92
Tetrachloroethene	93

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SAMPLE NAME: LCS

ID#: 0405275A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i051804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 11:13 AM**	

Compound	%Recovery
2-Hexanone	85
Dibromochloromethane	103
1,2-Dibromoethane (EDB)	88
Chlorobenzene	93
Ethyl Benzene	92
m,p-Xylene	92
o-Xylene	92
Styrene	102
Bromoform	97
Cumene	89
1,1,2,2-Tetrachloroethane	88
Propylbenzene	65
4-Ethyltoluene	87
1,3,5-Trimethylbenzene	84
1,2,4-Trimethylbenzene	75
1,3-Dichlorobenzene	81
1,4-Dichlorobenzene	74
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	74
1,2,4-Trichlorobenzene	74
Hexachlorobutadiene	76
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: LFR
Address: 13880 North Sight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9310 FAX:
Collected By: Signature: Tom Uhaska

Project Info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silverado Wash

Turn Around Time:
☐ Normal
☒ Rush ASAP/24hr. Specify

Pressure 5PS
MW 5/18/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
	Influent Vapor	5-17-04 1400	TO-15 High/low Pce, Tce	30.0	0	5.5 psig
02A	Effluent Vapor	5-17-04 1405	" "	30.0	0	4.5 psig

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Uhaska 5-17-04 1500	FedEx 844438655145 5-17-04 1500
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Laura R. Thomas ATL 5/18/04 9:40
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	844438655145	[illegible]	—	Good	Yes No None	0405275A

Form 1296 rev. 06

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific
E-mail to:samplereceiving@airtoxics.com

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405275B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/18/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/19/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor High	Mod. Method TO-14A	5.5 "Hg
01B	Influent Vapor Low	Mod. Method TO-14A	5.5 "Hg
02A	Lab Blank	Mod. Method TO-14A	NA
03A	CCV	Mod. Method TO-14A	NA
04A	LCS	Mod. Method TO-14A	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/19/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405275B

One 1 Liter Summa Canister (100% Certified) sample was received on May 18, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, sample Influent Vapor was analyzed twice to accurately determine high-level compounds and acheive lower reporting limits for Trichloroethene and Tetrachloroethene.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405275B-01A

MODIFIED TO-15 GC/MS

File Name:	**e051822**	**Date of Collection:**	**5/17/04**
Dil. Factor:	**1.64**	**Date of Analysis:**	**5/18/04 08:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	8.2	Not Detected	45	Not Detected
Tetrachloroethene	8.2	Not Detected	56	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low

ID#: 0405275B-01B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051820**	**Date of Collection:**	**5/17/04**
Dil. Factor:	**205**	**Date of Analysis:**	**5/18/04 06:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1000	Not Detected	5200	Not Detected
Freon 113	1000	Not Detected	8000	Not Detected
Chloroform	1000	Not Detected	5100	Not Detected
1,1,1-Trichloroethane	1000	Not Detected	5700	Not Detected
Carbon Tetrachloride	1000	Not Detected	6600	Not Detected
Trichloroethene	1000	Not Detected	5600	Not Detected
Tetrachloroethene	1000	Not Detected	7100	Not Detected
1,1-Dichloroethene	1000	Not Detected	4100	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
cis-1,2-Dichloroethene	1000	Not Detected	4100	Not Detected
Benzene	1000	150000	3300	480000
Toluene	1000	170000	3900	670000
Ethyl Benzene	1000	14000	4500	63000
m,p-Xylene	1000	34000	4500	150000
o-Xylene	1000	11000	4500	50000
Vinyl Chloride	1000	Not Detected	2700	Not Detected
1,1-Dichloroethane	1000	Not Detected	4200	Not Detected
Chlorobenzene	1000	Not Detected	4800	Not Detected
Methylene Chloride	1000	Not Detected	3600	Not Detected
Freon 11	1000	Not Detected	5800	Not Detected
Chloromethane	1000	Not Detected	2200	Not Detected
1,2-Dichloroethane	1000	Not Detected	4200	Not Detected
Freon 114	1000	Not Detected	7300	Not Detected
Bromomethane	1000	Not Detected	4000	Not Detected
Chloroethane	1000	Not Detected	2700	Not Detected
2-Propanol	1000	Not Detected	2600	Not Detected
Methyl tert-butyl ether	1000	660000	3800	2400000
1,2-Dichloropropane	1000	Not Detected	4800	Not Detected
1,1,2-Trichloroethane	1000	Not Detected	5700	Not Detected
1,3,5-Trimethylbenzene	1000	1800	5100	8900
1,2,4-Trimethylbenzene	1000	3400	5100	17000
1,3-Dichlorobenzene	1000	Not Detected	6300	Not Detected
1,4-Dichlorobenzene	1000	Not Detected	6300	Not Detected
1,2-Dichlorobenzene	1000	Not Detected	6300	Not Detected
1,2-Dibromoethane (EDB)	1000	Not Detected	8000	Not Detected
1,1,2,2-Tetrachloroethane	1000	Not Detected	7200	Not Detected
TPH ref. to Gasoline (MW=100)	20000	4900000	85000	20000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low

ID#: 0405275B-01B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051820**	**Date of Collection:**	**5/17/04**
Dil. Factor:	**205**	**Date of Analysis:**	**5/18/04 06:21 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405275B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 09:55 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405275B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 09:55 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405275B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 08:47 AM**	

Compound	%Recovery
Freon 12	104
Freon 113	99
Chloroform	101
1,1,1-Trichloroethane	97
Carbon Tetrachloride	97
Trichloroethene	94
Tetrachloroethene	95
1,1-Dichloroethene	97
trans-1,2-Dichloroethene	96
cis-1,2-Dichloroethene	92
Benzene	91
Toluene	90
Ethyl Benzene	96
m,p-Xylene	90
o-Xylene	95
Vinyl Chloride	92
1,1-Dichloroethane	91
Chlorobenzene	106
Methylene Chloride	91
Freon 11	108
Chloromethane	77
1,2-Dichloroethane	98
Freon 114	107
Bromomethane	94
Chloroethane	93
2-Propanol	85
Methyl tert-butyl ether	90
1,2-Dichloropropane	89
1,1,2-Trichloroethane	99
1,3,5-Trimethylbenzene	97
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	94
1,4-Dichlorobenzene	99
1,2-Dichlorobenzene	101
1,2-Dibromoethane (EDB)	102
1,1,2,2-Tetrachloroethane	94

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405275B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 08:47 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405275B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 09:15 AM**	

Compound	%Recovery
Freon 12	114
Freon 113	101
Chloroform	104
1,1,1-Trichloroethane	101
Carbon Tetrachloride	104
Trichloroethene	100
Tetrachloroethene	105
1,1-Dichloroethene	100
trans-1,2-Dichloroethene	95
cis-1,2-Dichloroethene	97
Benzene	102
Toluene	102
Ethyl Benzene	108
m,p-Xylene	93
o-Xylene	100
Vinyl Chloride	92
1,1-Dichloroethane	88
Chlorobenzene	114
Methylene Chloride	90
Freon 11	117
Chloromethane	86
1,2-Dichloroethane	101
Freon 114	117
Bromomethane	109
Chloroethane	103
2-Propanol	83
Methyl tert-butyl ether	88
1,2-Dichloropropane	92
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	96
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	105
1,2-Dichlorobenzene	112
1,2-Dibromoethane (EDB)	101
1,1,2,2-Tetrachloroethane	101

Container Type: NA - Not Applicable

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SAMPLE NAME: LCS

ID#: 0405275B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e051803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/18/04 09:15 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130

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CHAIN-OF-CUSTODY RECORD

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Contact Person: Mike Nesky
Company: LFR
Address: 13880 North Sight Dr. City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Uwasky

Project Info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silverado Wash

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. Specify
Press. to 5PSI
MW 5/18/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01AB	Effluent Vapor	5-17-04 1400	TO-15 High/low Pre, Ice	30.0	Ø	5.5"Hg
	Effluent Vapor	5-17-04 1405	" "	30.0	Ø	4.5"Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Uwasky 5-17-04 1500	FedEx 844438655145 5-17-04 1500
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Laura Thomas ATL 5/18/04 940
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	844438655145	[illegible]	—	Good	Yes No None	04052753

Form 1283 Rev 03

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405351A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/21/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/24/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	4.0 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/24/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405351A

One 1 Liter Summa Canister (100% Certified) sample was received on May 21, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405351A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052315**	**Date of Collection:**	**5/20/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/23/04 08:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.78	Not Detected	3.9	Not Detected
Freon 114	0.78	Not Detected	5.5	Not Detected
Chloromethane	3.1	Not Detected	6.5	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	0.78	Not Detected	3.0	Not Detected
Chloroethane	0.78	Not Detected	2.1	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	3.1	4.0	5.9	7.6
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	3.1	Not Detected	7.5	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	0.78	Not Detected	2.4	Not Detected
3-Chloropropene	3.1	Not Detected	9.9	Not Detected
Methylene Chloride	0.78	Not Detected	2.7	Not Detected
Methyl tert-butyl ether	0.78	1.6	2.8	5.8
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.8	Not Detected
Vinyl Acetate	3.1	Not Detected	11	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.78	Not Detected	2.3	Not Detected
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.3	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.7	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	0.78	1.3	3.0	4.8
trans-1,3-Dichloropropene	0.78	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.3	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405351A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052315**	**Date of Collection:**	**5/20/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/23/04 08:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.1	Not Detected	13	Not Detected
Dibromochloromethane	0.78	Not Detected	6.7	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	1.4	3.4	6.3
o-Xylene	0.78	Not Detected	3.4	Not Detected
Styrene	0.78	Not Detected	3.4	Not Detected
Bromoform	0.78	Not Detected	8.1	Not Detected
Cumene	0.78	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.4	Not Detected
Propylbenzene	0.78	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.78	1.1	3.9	5.7
1,3,5-Trimethylbenzene	0.78	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.78	1.5	3.9	7.5
1,3-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	34	Not Detected
TPH ref. to Gasoline (MW=100)	16	99	64	410

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405351A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/04 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405351A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/04 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405351A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/04 10:44 AM**	

Compound	%Recovery
Freon 12	96
Freon 114	99
Chloromethane	87
Vinyl Chloride	83
1,3-Butadiene	82
Bromomethane	87
Chloroethane	89
Freon 11	105
Ethanol	85
Freon 113	97
1,1-Dichloroethene	95
Acetone	79
2-Propanol	87
Carbon Disulfide	92
3-Chloropropene	93
Methylene Chloride	84
Methyl tert-butyl ether	115
trans-1,2-Dichloroethene	90
Hexane	91
Vinyl Acetate	99
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	98
Tetrahydrofuran	91
Chloroform	110
1,1,1-Trichloroethane	119
Cyclohexane	108
Carbon Tetrachloride	121
2,2,4-Trimethylpentane	102
Benzene	99
1,2-Dichloroethane	106
Heptane	109
Trichloroethene	107
1,2-Dichloropropane	98
1,4-Dioxane	101
Bromodichloromethane	111
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	106
Toluene	107
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	99
Tetrachloroethene	102

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405351A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/04 10:44 AM**	

Compound	%Recovery
2-Hexanone	89
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	105
Chlorobenzene	104
Ethyl Benzene	106
m,p-Xylene	108
o-Xylene	110
Styrene	116
Bromoform	119
Cumene	115
1,1,2,2-Tetrachloroethane	103
Propylbenzene	115
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	90
alpha-Chlorotoluene	84
1,2-Dichlorobenzene	83
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	85
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405351A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/04 11:35 AM**	

Compound	%Recovery
Freon 12	78
Freon 114	90
Chloromethane	66 Q
Vinyl Chloride	66 Q
1,3-Butadiene	69
Bromomethane	73
Chloroethane	77
Freon 11	95
Ethanol	96
Freon 113	84
1,1-Dichloroethene	83
Acetone	74
2-Propanol	87
Carbon Disulfide	83
3-Chloropropene	69
Methylene Chloride	73
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	83
Hexane	81
Vinyl Acetate	98
1,1-Dichloroethane	85
2-Butanone (Methyl Ethyl Ketone)	88
cis-1,2-Dichloroethene	87
Tetrahydrofuran	87
Chloroform	100
1,1,1-Trichloroethane	114
Cyclohexane	96
Carbon Tetrachloride	113
2,2,4-Trimethylpentane	77
Benzene	96
1,2-Dichloroethane	104
Heptane	94
Trichloroethene	105
1,2-Dichloropropane	99
1,4-Dioxane	97
Bromodichloromethane	94
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	98
Toluene	96
trans-1,3-Dichloropropene	96
1,1,2-Trichloroethane	93
Tetrachloroethene	94

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405351A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i052304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/23/04 11:35 AM**	

Compound	%Recovery
2-Hexanone	86
Dibromochloromethane	93
1,2-Dibromoethane (EDB)	90
Chlorobenzene	95
Ethyl Benzene	93
m,p-Xylene	94
o-Xylene	94
Styrene	106
Bromoform	88
Cumene	91
1,1,2,2-Tetrachloroethane	98
Propylbenzene	68
4-Ethyltoluene	94
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	82
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	82
alpha-Chlorotoluene	108
1,2-Dichlorobenzene	83
1,2,4-Trichlorobenzene	84
Hexachlorobutadiene	82
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	102	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
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(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: LFR
Address: 13880 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Nesky

Project Info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silverado Wash

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. Specify

mw 5/24/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
	Influent Vapor	5-20-04 1400	TO-15 High/low Pce, Tce		0	40"Hg
02A	Effluent Vapor	5-20-04 1405	TO-15 High/low Pce, Tce		0	40"Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Nesky 5-20-04 1500	FedEx 844438655134 5-20-04 1500
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	[illegible] AZ 5/21/04 1030

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	F. Ex	8444386 5 5134	CA	—	good	Yes No (None)	04053514

Form 1293 rev 28

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405351B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/21/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/24/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor-High	Mod. Method TO-15	4.0 "Hg
01B	Influent Vapor-Low	Mod. Method TO-15	4.0 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 05/24/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405351B

One 1 Liter Summa Canister (100% Certified) samples were received on May 21, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, the sample Influent Vapor was analyzed twice in order to accurately determine high-level compounds and achieve lower detection limits for Trichloroethene and Tetrachloroethene.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not

performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor-High

ID#: 0405351B-01A

MODIFIED EPA METHOD TO-14A GC/MS

File Name:	**e052129**	**Date of Collection:**	**5/20/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**5/21/04 08:48 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.8	Not Detected	42	Not Detected
Tetrachloroethene	7.8	Not Detected	53	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor-Low

ID#: 0405351B-01B

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

File Name:	**e052128**	**Date of Collection:**	**5/20/04**
Dil. Factor:	**194**	**Date of Analysis:**	**5/21/04 08:20 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	970	Not Detected	4900	Not Detected
Freon 113	970	Not Detected	7600	Not Detected
Chloroform	970	Not Detected	4800	Not Detected
1,1,1-Trichloroethane	970	Not Detected	5400	Not Detected
Carbon Tetrachloride	970	Not Detected	6200	Not Detected
1,1-Dichloroethene	970	Not Detected	3900	Not Detected
trans-1,2-Dichloroethene	970	Not Detected	3900	Not Detected
cis-1,2-Dichloroethene	970	Not Detected	3900	Not Detected
Benzene	970	150000	3100	480000
Toluene	970	180000	3700	700000
Ethyl Benzene	970	15000	4300	67000
m,p-Xylene	970	37000	4300	160000
o-Xylene	970	12000	4300	52000
Vinyl Chloride	970	Not Detected	2500	Not Detected
1,1-Dichloroethane	970	Not Detected	4000	Not Detected
Chlorobenzene	970	Not Detected	4500	Not Detected
Methylene Chloride	970	Not Detected	3400	Not Detected
Freon 11	970	Not Detected	5500	Not Detected
Chloromethane	970	Not Detected	2000	Not Detected
1,2-Dichloroethane	970	Not Detected	4000	Not Detected
Freon 114	970	Not Detected	6900	Not Detected
Bromomethane	970	Not Detected	3800	Not Detected
Chloroethane	970	Not Detected	2600	Not Detected
2-Propanol	970	Not Detected	2400	Not Detected
Methyl tert-butyl ether	970	580000	3600	2100000
1,2-Dichloropropane	970	Not Detected	4600	Not Detected
1,1,2-Trichloroethane	970	Not Detected	5400	Not Detected
1,3,5-Trimethylbenzene	970	Not Detected	4800	Not Detected
1,2,4-Trimethylbenzene	970	3600	4800	18000
1,3-Dichlorobenzene	970	Not Detected	5900	Not Detected
1,4-Dichlorobenzene	970	Not Detected	5900	Not Detected
1,2-Dichlorobenzene	970	Not Detected	5900	Not Detected
1,2-Dibromoethane (EDB)	970	Not Detected	7600	Not Detected
1,1,2,2-Tetrachloroethane	970	Not Detected	6800	Not Detected
TPH ref. to Gasoline (MW=100)	19000	4700000	81000	20000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor-Low

ID#: 0405351B-01B

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

File Name:	**e052128**	**Date of Collection:**	**5/20/04**
Dil. Factor:	**194**	**Date of Analysis:**	**5/21/04 08:20 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405351B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/04 08:09 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405351B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052104**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/04 08:09 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405351B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/04 07:05 AM**	

Compound	%Recovery
Freon 12	114
Freon 113	107
Chloroform	111
1,1,1-Trichloroethane	107
Carbon Tetrachloride	113
Trichloroethene	104
Tetrachloroethene	107
1,1-Dichloroethene	106
trans-1,2-Dichloroethene	107
cis-1,2-Dichloroethene	104
Benzene	103
Toluene	103
Ethyl Benzene	108
m,p-Xylene	104
o-Xylene	107
Vinyl Chloride	91
1,1-Dichloroethane	102
Chlorobenzene	118
Methylene Chloride	100
Freon 11	117
Chloromethane	86
1,2-Dichloroethane	111
Freon 114	116
Bromomethane	109
Chloroethane	103
2-Propanol	95
Methyl tert-butyl ether	101
1,2-Dichloropropane	100
1,1,2-Trichloroethane	109
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	105
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	106
1,2-Dichlorobenzene	105
1,2-Dibromoethane (EDB)	114
1,1,2,2-Tetrachloroethane	106

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405351B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/04 07:05 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405351B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/04 07:35 AM**	

Compound	%Recovery
Freon 12	120
Freon 113	102
Chloroform	108
1,1,1-Trichloroethane	106
Carbon Tetrachloride	113
Trichloroethene	106
Tetrachloroethene	110
1,1-Dichloroethene	104
trans-1,2-Dichloroethene	99
cis-1,2-Dichloroethene	102
Benzene	108
Toluene	109
Ethyl Benzene	118
m,p-Xylene	102
o-Xylene	105
Vinyl Chloride	95
1,1-Dichloroethane	91
Chlorobenzene	123
Methylene Chloride	95
Freon 11	121
Chloromethane	93
1,2-Dichloroethane	106
Freon 114	120
Bromomethane	114
Chloroethane	106
2-Propanol	85
Methyl tert-butyl ether	87
1,2-Dichloropropane	94
1,1,2-Trichloroethane	111
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	93
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	105
1,2-Dichlorobenzene	113
1,2-Dibromoethane (EDB)	109
1,1,2,2-Tetrachloroethane	106

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405351B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/21/04 07:35 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Alesky
Company: LFR
Address: 13880 North Sight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Lanoeky

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silvercraft Wash

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. Specify
MW 5/21/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01AB	Influent Vapor	5-20-04 1400	TO-15 High/low Pce, Tce		0	40" Hg
—	Effluent Vapor	5-20-04 1405	TO-15 High/low Pce, Tce		0	40" Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Lanoeky 5-20-04 1500	FedEx 844438655134 5-20-04 1500
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	[illegible] AZ 5/21/04 1030

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	F. Ex	844438655134	CA	—	Good	Yes No (None)	0405351

Form 1293 rev. 09

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405413A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/25/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/26/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	5.0 "Hg
02AA	Effluent Vapor Duplicate	Modified TO-15	5.0 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 05/26/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405413A

One 1 Liter Summa Canister (100% Certified) sample was received on May 25, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405413A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052515**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**1.61**	**Date of Analysis:**	**5/25/04 11:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.80	Not Detected	4.0	Not Detected
Freon 114	0.80	Not Detected	5.7	Not Detected
Chloromethane	3.2	Not Detected	6.8	Not Detected
Vinyl Chloride	0.80	Not Detected	2.1	Not Detected
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	0.80	Not Detected	3.2	Not Detected
Chloroethane	0.80	Not Detected	2.2	Not Detected
Freon 11	0.80	Not Detected	4.6	Not Detected
Ethanol	3.2	Not Detected	6.2	Not Detected
Freon 113	0.80	Not Detected	6.3	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Acetone	3.2	21	7.8	50
2-Propanol	3.2	12	8.0	31
Carbon Disulfide	0.80	Not Detected	2.5	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.80	Not Detected	2.8	Not Detected
Methyl tert-butyl ether	0.80	1.8	2.9	6.6
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Hexane	0.80	1.2	2.9	4.4
Vinyl Acetate	3.2	Not Detected	12	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.80	30	2.4	91
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.80	13	2.4	40
Chloroform	0.80	Not Detected	4.0	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.5	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.1	Not Detected
2,2,4-Trimethylpentane	0.80	1.0	3.8	4.9
Benzene	0.80	1.3	2.6	4.2
1,2-Dichloroethane	0.80	Not Detected	3.3	Not Detected
Heptane	0.80	Not Detected	3.4	Not Detected
Trichloroethene	0.80	Not Detected	4.4	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.8	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.80	Not Detected	5.5	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.7	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.4	Not Detected
Toluene	0.80	1.5	3.1	5.8
trans-1,3-Dichloropropene	0.80	Not Detected	3.7	Not Detected
1,1,2-Trichloroethane	0.80	Not Detected	4.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.6	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405413A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052515**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**1.61**	**Date of Analysis:**	**5/25/04 11:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.80	Not Detected	7.0	Not Detected
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.3	Not Detected
Chlorobenzene	0.80	Not Detected	3.8	Not Detected
Ethyl Benzene	0.80	Not Detected	3.6	Not Detected
m,p-Xylene	0.80	1.0	3.6	4.7
o-Xylene	0.80	Not Detected	3.6	Not Detected
Styrene	0.80	Not Detected	3.5	Not Detected
Bromoform	0.80	Not Detected	8.4	Not Detected
Cumene	0.80	Not Detected	4.0	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.6	Not Detected
Propylbenzene	0.80	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.80	1.2	4.0	6.0
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.80	1.8	4.0	9.2
1,3-Dichlorobenzene	0.80	Not Detected	4.9	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.9	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.9	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	16	200	67	810

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor Duplicate

ID#: 0405413A-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052516**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**1.61**	**Date of Analysis:**	**5/26/04 12:17 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.80	Not Detected	4.0	Not Detected
Freon 114	0.80	Not Detected	5.7	Not Detected
Chloromethane	3.2	Not Detected	6.8	Not Detected
Vinyl Chloride	0.80	Not Detected	2.1	Not Detected
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	0.80	Not Detected	3.2	Not Detected
Chloroethane	0.80	Not Detected	2.2	Not Detected
Freon 11	0.80	Not Detected	4.6	Not Detected
Ethanol	3.2	Not Detected	6.2	Not Detected
Freon 113	0.80	Not Detected	6.3	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Acetone	3.2	19	7.8	46
2-Propanol	3.2	10	8.0	26
Carbon Disulfide	0.80	Not Detected	2.5	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.80	Not Detected	2.8	Not Detected
Methyl tert-butyl ether	0.80	1.4	2.9	5.1
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Hexane	0.80	1.1	2.9	3.9
Vinyl Acetate	3.2	Not Detected	12	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.3	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.80	26	2.4	77
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.80	12	2.4	35
Chloroform	0.80	Not Detected	4.0	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.5	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.1	Not Detected
2,2,4-Trimethylpentane	0.80	0.91	3.8	4.3
Benzene	0.80	1.1	2.6	3.7
1,2-Dichloroethane	0.80	Not Detected	3.3	Not Detected
Heptane	0.80	Not Detected	3.4	Not Detected
Trichloroethene	0.80	Not Detected	4.4	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.8	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.80	Not Detected	5.5	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.7	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.4	Not Detected
Toluene	0.80	1.3	3.1	5.0
trans-1,3-Dichloropropene	0.80	Not Detected	3.7	Not Detected
1,1,2-Trichloroethane	0.80	Not Detected	4.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.6	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor Duplicate

ID#: 0405413A-02AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052516**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**1.61**	**Date of Analysis:**	**5/26/04 12:17 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.80	Not Detected	7.0	Not Detected
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.3	Not Detected
Chlorobenzene	0.80	Not Detected	3.8	Not Detected
Ethyl Benzene	0.80	Not Detected	3.6	Not Detected
m,p-Xylene	0.80	0.88	3.6	3.9
o-Xylene	0.80	Not Detected	3.6	Not Detected
Styrene	0.80	Not Detected	3.5	Not Detected
Bromoform	0.80	Not Detected	8.4	Not Detected
Cumene	0.80	Not Detected	4.0	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.6	Not Detected
Propylbenzene	0.80	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.80	1.0	4.0	5.3
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.80	1.6	4.0	8.0
1,3-Dichlorobenzene	0.80	Not Detected	4.9	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.9	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.9	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	16	170	67	710

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405413A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405413A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405413A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 10:35 AM**	

Compound	%Recovery
Freon 12	88
Freon 114	91
Chloromethane	98
Vinyl Chloride	89
1,3-Butadiene	89
Bromomethane	91
Chloroethane	119
Freon 11	94
Ethanol	104
Freon 113	86
1,1-Dichloroethene	85
Acetone	90
2-Propanol	96
Carbon Disulfide	88
3-Chloropropene	94
Methylene Chloride	84
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	86
Hexane	87
Vinyl Acetate	89
1,1-Dichloroethane	87
2-Butanone (Methyl Ethyl Ketone)	92
cis-1,2-Dichloroethene	87
Tetrahydrofuran	80
Chloroform	84
1,1,1-Trichloroethane	92
Cyclohexane	87
Carbon Tetrachloride	100
2,2,4-Trimethylpentane	86
Benzene	82
1,2-Dichloroethane	84
Heptane	85
Trichloroethene	85
1,2-Dichloropropane	85
1,4-Dioxane	91
Bromodichloromethane	90
cis-1,3-Dichloropropene	89
4-Methyl-2-pentanone	92
Toluene	83
trans-1,3-Dichloropropene	87
1,1,2-Trichloroethane	86
Tetrachloroethene	83

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405413A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 10:35 AM**	

Compound	%Recovery
2-Hexanone	95
Dibromochloromethane	93
1,2-Dibromoethane (EDB)	88
Chlorobenzene	83
Ethyl Benzene	84
m,p-Xylene	82
o-Xylene	83
Styrene	88
Bromoform	95
Cumene	86
1,1,2,2-Tetrachloroethane	86
Propylbenzene	87
4-Ethyltoluene	85
1,3,5-Trimethylbenzene	83
1,2,4-Trimethylbenzene	83
1,3-Dichlorobenzene	82
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	81
1,2-Dichlorobenzene	78
1,2,4-Trichlorobenzene	78
Hexachlorobutadiene	81
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405413A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 11:13 AM**	

Compound	%Recovery
Freon 12	89
Freon 114	92
Chloromethane	97
Vinyl Chloride	92
1,3-Butadiene	86
Bromomethane	102
Chloroethane	135 Q
Freon 11	100
Ethanol	101
Freon 113	86
1,1-Dichloroethene	86
Acetone	94
2-Propanol	86
Carbon Disulfide	92
3-Chloropropene	85
Methylene Chloride	85
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	90
Hexane	90
Vinyl Acetate	109
1,1-Dichloroethane	90
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	76
Tetrahydrofuran	89
Chloroform	89
1,1,1-Trichloroethane	105
Cyclohexane	91
Carbon Tetrachloride	114
2,2,4-Trimethylpentane	78
Benzene	95
1,2-Dichloroethane	97
Heptane	88
Trichloroethene	96
1,2-Dichloropropane	100
1,4-Dioxane	98
Bromodichloromethane	91
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	99
Toluene	87
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	93
Tetrachloroethene	89

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405413A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**s052503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 11:13 AM**	

Compound	%Recovery
2-Hexanone	106
Dibromochloromethane	92
1,2-Dibromoethane (EDB)	87
Chlorobenzene	88
Ethyl Benzene	87
m,p-Xylene	82
o-Xylene	81
Styrene	91
Bromoform	84
Cumene	79
1,1,2,2-Tetrachloroethane	94
Propylbenzene	59 Q
4-Ethyltoluene	83
1,3,5-Trimethylbenzene	80
1,2,4-Trimethylbenzene	76
1,3-Dichlorobenzene	87
1,4-Dichlorobenzene	79
alpha-Chlorotoluene	113
1,2-Dichlorobenzene	81
1,2,4-Trichlorobenzene	96
Hexachlorobutadiene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	99	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: LFR
Address: 13980 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Kennedy

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silverscaff Wash

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. (Specify)
Press. + SYS.
MW 5/25/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
	Influent Vapor	5-24-04 1300	TO-15 High/low Pce, Tce	27.0	0	4.5"Hg
02A	Effluent Vapor	5-24-04 1310	TO-15 High/low Pce, Tce	27.0	0	5.0"Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Kennedy 5-24-04 1400	8444386 55123 5-24-04 1400
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Lance Thomas ATL 5/25/04 925
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8444 3865 5123	fr	—	Good	Yes No. (None)	0405418B

Form 1288 rev. 09

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405413B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/25/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	5/26/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor High	Mod. Method TO-15	4.5 "Hg
01B	Influent Vapor Low	Mod. Method TO-15	4.5 "Hg
01BB	Influent Vapor Low Duplicate	Mod. Method TO-15	4.5 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 05/26/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405413B

One 1 Liter Summa Canister (100% Certified) sample was received on May 25, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, the sample was analyzed twice in order to accurately determine high-level compounds and achieve lower detection limits for Trichloroethene and Tetrachloroethene.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405413B-01A

MODIFIED TO-15 GC/MS

File Name:	**e052522**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**5/25/04 05:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.9	Not Detected	43	Not Detected
Tetrachloroethene	7.9	Not Detected	54	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	109	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low

ID#: 0405413B-01B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052518**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**158**	**Date of Analysis:**	**5/25/04 03:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	790	Not Detected	4000	Not Detected
Freon 113	790	Not Detected	6200	Not Detected
Chloroform	790	Not Detected	3900	Not Detected
1,1,1-Trichloroethane	790	Not Detected	4400	Not Detected
Carbon Tetrachloride	790	Not Detected	5000	Not Detected
1,1-Dichloroethene	790	Not Detected	3200	Not Detected
trans-1,2-Dichloroethene	790	Not Detected	3200	Not Detected
cis-1,2-Dichloroethene	790	Not Detected	3200	Not Detected
Benzene	790	110000	2600	340000
Toluene	790	140000	3000	540000
Ethyl Benzene	790	12000	3500	51000
m,p-Xylene	790	29000	3500	130000
o-Xylene	790	9100	3500	40000
Vinyl Chloride	790	Not Detected	2000	Not Detected
1,1-Dichloroethane	790	Not Detected	3200	Not Detected
Chlorobenzene	790	Not Detected	3700	Not Detected
Methylene Chloride	790	Not Detected	2800	Not Detected
Freon 11	790	Not Detected	4500	Not Detected
Chloromethane	790	Not Detected	1600	Not Detected
1,2-Dichloroethane	790	Not Detected	3200	Not Detected
Freon 114	790	Not Detected	5600	Not Detected
Bromomethane	790	Not Detected	3100	Not Detected
Chloroethane	790	Not Detected	2100	Not Detected
2-Propanol	790	Not Detected	2000	Not Detected
Methyl tert-butyl ether	790	580000	2900	2100000
1,2-Dichloropropane	790	Not Detected	3700	Not Detected
1,1,2-Trichloroethane	790	Not Detected	4400	Not Detected
1,3,5-Trimethylbenzene	790	1300	3900	6500
1,2,4-Trimethylbenzene	790	3500	3900	17000
1,3-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,4-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,2-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,2-Dibromoethane (EDB)	790	Not Detected	6200	Not Detected
1,1,2,2-Tetrachloroethane	790	Not Detected	5500	Not Detected
TPH ref. to Gasoline (MW=100)	16000	3300000	66000	14000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low

ID#: 0405413B-01B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052518**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**158**	**Date of Analysis:**	**5/25/04 03:22 PM**

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low Duplicate

ID#: 0405413B-01BB

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052521**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**158**	**Date of Analysis:**	**5/25/04 04:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	790	Not Detected	4000	Not Detected
Freon 113	790	Not Detected	6200	Not Detected
Chloroform	790	Not Detected	3900	Not Detected
1,1,1-Trichloroethane	790	Not Detected	4400	Not Detected
Carbon Tetrachloride	790	Not Detected	5000	Not Detected
1,1-Dichloroethene	790	Not Detected	3200	Not Detected
trans-1,2-Dichloroethene	790	Not Detected	3200	Not Detected
cis-1,2-Dichloroethene	790	Not Detected	3200	Not Detected
Benzene	790	110000	2600	350000
Toluene	790	140000	3000	540000
Ethyl Benzene	790	12000	3500	51000
m,p-Xylene	790	29000	3500	130000
o-Xylene	790	8600	3500	38000
Vinyl Chloride	790	Not Detected	2000	Not Detected
1,1-Dichloroethane	790	Not Detected	3200	Not Detected
Chlorobenzene	790	Not Detected	3700	Not Detected
Methylene Chloride	790	Not Detected	2800	Not Detected
Freon 11	790	Not Detected	4500	Not Detected
Chloromethane	790	Not Detected	1600	Not Detected
1,2-Dichloroethane	790	Not Detected	3200	Not Detected
Freon 114	790	Not Detected	5600	Not Detected
Bromomethane	790	Not Detected	3100	Not Detected
Chloroethane	790	Not Detected	2100	Not Detected
2-Propanol	790	Not Detected	2000	Not Detected
Methyl tert-butyl ether	790	570000	2900	2100000
1,2-Dichloropropane	790	Not Detected	3700	Not Detected
1,1,2-Trichloroethane	790	Not Detected	4400	Not Detected
1,3,5-Trimethylbenzene	790	1200	3900	6200
1,2,4-Trimethylbenzene	790	3500	3900	17000
1,3-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,4-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,2-Dichlorobenzene	790	Not Detected	4800	Not Detected
1,2-Dibromoethane (EDB)	790	Not Detected	6200	Not Detected
1,1,2,2-Tetrachloroethane	790	Not Detected	5500	Not Detected
TPH ref. to Gasoline (MW=100)	16000	3600000	66000	15000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low Duplicate

ID#: 0405413B-01BB

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052521**	**Date of Collection:**	**5/24/04**
Dil. Factor:	**158**	**Date of Analysis:**	**5/25/04 04:54 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405413B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 07:53 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405413B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 07:53 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405413B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 07:01 AM**	

Compound	%Recovery
Freon 12	114
Freon 113	108
Chloroform	109
1,1,1-Trichloroethane	109
Carbon Tetrachloride	118
Trichloroethene	99
Tetrachloroethene	109
1,1-Dichloroethene	105
trans-1,2-Dichloroethene	102
cis-1,2-Dichloroethene	99
Benzene	99
Toluene	98
Ethyl Benzene	110
m,p-Xylene	105
o-Xylene	107
Vinyl Chloride	88
1,1-Dichloroethane	99
Chlorobenzene	111
Methylene Chloride	98
Freon 11	122
Chloromethane	85
1,2-Dichloroethane	108
Freon 114	117
Bromomethane	104
Chloroethane	101
2-Propanol	87
Methyl tert-butyl ether	98
1,2-Dichloropropane	95
1,1,2-Trichloroethane	109
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	102
1,2-Dichlorobenzene	104
1,2-Dibromoethane (EDB)	111
1,1,2,2-Tetrachloroethane	106

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405413B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 07:01 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405413B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 07:27 AM**	

Compound	%Recovery
Freon 12	124
Freon 113	105
Chloroform	107
1,1,1-Trichloroethane	109
Carbon Tetrachloride	117
Trichloroethene	104
Tetrachloroethene	109
1,1-Dichloroethene	106
trans-1,2-Dichloroethene	100
cis-1,2-Dichloroethene	98
Benzene	104
Toluene	106
Ethyl Benzene	114
m,p-Xylene	103
o-Xylene	104
Vinyl Chloride	100
1,1-Dichloroethane	91
Chlorobenzene	120
Methylene Chloride	94
Freon 11	129
Chloromethane	93
1,2-Dichloroethane	106
Freon 114	124
Bromomethane	117
Chloroethane	110
2-Propanol	80
Methyl tert-butyl ether	89
1,2-Dichloropropane	92
1,1,2-Trichloroethane	112
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	115
1,4-Dichlorobenzene	107
1,2-Dichlorobenzene	120
1,2-Dibromoethane (EDB)	105
1,1,2,2-Tetrachloroethane	111

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405413B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/25/04 07:27 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

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CHAIN-OF-CUSTODY RECORD

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Contact Person: Mike Nesky
Company: LFR
Address: 13880 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Vanosky

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silvercraft Vash

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. (Specify)
press. to SYS:
MW 5/25/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01AB	Influent Vapor	5-24-04 1300	TO-15 High/low Pce, Tce	27.0	0	4.5"Hg
	Effluent Vapor	5-24-04 1310	TO-15 High/low Pce, Tce	27.0	0	5.0"Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Vanosky 5-24-04 1400	844438655123 5-24-04 1400
	Lamont Thomas Air 5/25/04 925

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8444 3865 5123	JT	—	Good	Yes No None	0405413A

Form 1293 rev. 06

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405486A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/28/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	6/1/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	4.0 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/01/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0405486A

One 1 Liter Silonite Canister sample was received on May 28, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405486A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060110**	**Date of Collection:**	**5/27/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**6/1/04 01:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.78	0.78	3.9	3.9
Freon 114	0.78	Not Detected	5.5	Not Detected
Chloromethane	3.1	Not Detected	6.5	Not Detected
Vinyl Chloride	0.78	Not Detected	2.0	Not Detected
1,3-Butadiene	0.78	Not Detected	1.7	Not Detected
Bromomethane	0.78	Not Detected	3.0	Not Detected
Chloroethane	0.78	Not Detected	2.1	Not Detected
Freon 11	0.78	Not Detected	4.4	Not Detected
Ethanol	3.1	3.6	5.9	6.8
Freon 113	0.78	Not Detected	6.0	Not Detected
1,1-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Acetone	3.1	Not Detected	7.5	Not Detected
2-Propanol	3.1	Not Detected	7.7	Not Detected
Carbon Disulfide	0.78	Not Detected	2.4	Not Detected
3-Chloropropene	3.1	Not Detected	9.9	Not Detected
Methylene Chloride	0.78	Not Detected	2.7	Not Detected
Methyl tert-butyl ether	0.78	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Hexane	0.78	Not Detected	2.8	Not Detected
Vinyl Acetate	3.1	Not Detected	11	Not Detected
1,1-Dichloroethane	0.78	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.78	1.5	2.3	4.4
cis-1,2-Dichloroethene	0.78	Not Detected	3.1	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.78	Not Detected	3.8	Not Detected
1,1,1-Trichloroethane	0.78	Not Detected	4.3	Not Detected
Cyclohexane	0.78	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.78	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.78	Not Detected	3.7	Not Detected
Benzene	0.78	Not Detected	2.5	Not Detected
1,2-Dichloroethane	0.78	Not Detected	3.2	Not Detected
Heptane	0.78	Not Detected	3.2	Not Detected
Trichloroethene	0.78	Not Detected	4.2	Not Detected
1,2-Dichloropropane	0.78	Not Detected	3.6	Not Detected
1,4-Dioxane	3.1	Not Detected	11	Not Detected
Bromodichloromethane	0.78	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.78	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.78	Not Detected	3.2	Not Detected
Toluene	0.78	Not Detected	3.0	Not Detected
trans-1,3-Dichloropropene	0.78	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.78	Not Detected	4.3	Not Detected
Tetrachloroethene	0.78	Not Detected	5.3	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0405486A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060110**	**Date of Collection:**	**5/27/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**6/1/04 01:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.1	Not Detected	13	Not Detected
Dibromochloromethane	0.78	Not Detected	6.7	Not Detected
1,2-Dibromoethane (EDB)	0.78	Not Detected	6.0	Not Detected
Chlorobenzene	0.78	Not Detected	3.6	Not Detected
Ethyl Benzene	0.78	Not Detected	3.4	Not Detected
m,p-Xylene	0.78	1.7	3.4	7.4
o-Xylene	0.78	Not Detected	3.4	Not Detected
Styrene	0.78	Not Detected	3.4	Not Detected
Bromoform	0.78	Not Detected	8.1	Not Detected
Cumene	0.78	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.78	Not Detected	5.4	Not Detected
Propylbenzene	0.78	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.78	1.3	3.9	6.5
1,3,5-Trimethylbenzene	0.78	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.78	1.8	3.9	9.2
1,3-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,4-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
alpha-Chlorotoluene	0.78	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.78	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.1	Not Detected	23	Not Detected
Hexachlorobutadiene	3.1	Not Detected	34	Not Detected
TPH ref. to Gasoline (MW=100)	16	180	64	730

Container Type: 1 Liter Silonite Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	106	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405486A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060109**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/1/04 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405486A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060109**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/1/04 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405486A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/1/04 06:34 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	99
Chloromethane	95
Vinyl Chloride	85
1,3-Butadiene	83
Bromomethane	91
Chloroethane	89
Freon 11	107
Ethanol	82
Freon 113	97
1,1-Dichloroethene	94
Acetone	79
2-Propanol	84
Carbon Disulfide	89
3-Chloropropene	89
Methylene Chloride	83
Methyl tert-butyl ether	114
trans-1,2-Dichloroethene	89
Hexane	88
Vinyl Acetate	97
1,1-Dichloroethane	95
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	99
Tetrahydrofuran	90
Chloroform	112
1,1,1-Trichloroethane	122
Cyclohexane	108
Carbon Tetrachloride	127
2,2,4-Trimethylpentane	101
Benzene	98
1,2-Dichloroethane	108
Heptane	109
Trichloroethene	108
1,2-Dichloropropane	98
1,4-Dioxane	101
Bromodichloromethane	114
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	106
Toluene	109
trans-1,3-Dichloropropene	99
1,1,2-Trichloroethane	101
Tetrachloroethene	105

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405486A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/1/04 06:34 AM**	

Compound	%Recovery
2-Hexanone	88
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	108
Chlorobenzene	105
Ethyl Benzene	107
m,p-Xylene	110
o-Xylene	109
Styrene	116
Bromoform	120
Cumene	116
1,1,2,2-Tetrachloroethane	99
Propylbenzene	114
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	96
1,3-Dichlorobenzene	87
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	79
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	81
Hexachlorobutadiene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405486A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/1/04 09:45 AM**	

Compound	%Recovery
Freon 12	82
Freon 114	90
Chloromethane	73
Vinyl Chloride	70
1,3-Butadiene	71
Bromomethane	83
Chloroethane	85
Freon 11	96
Ethanol	99
Freon 113	84
1,1-Dichloroethene	82
Acetone	71
2-Propanol	86
Carbon Disulfide	82
3-Chloropropene	70
Methylene Chloride	72
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	81
Hexane	80
Vinyl Acetate	94
1,1-Dichloroethane	85
2-Butanone (Methyl Ethyl Ketone)	88
cis-1,2-Dichloroethene	87
Tetrahydrofuran	85
Chloroform	99
1,1,1-Trichloroethane	117
Cyclohexane	97
Carbon Tetrachloride	116
2,2,4-Trimethylpentane	77
Benzene	95
1,2-Dichloroethane	104
Heptane	96
Trichloroethene	104
1,2-Dichloropropane	97
1,4-Dioxane	95
Bromodichloromethane	95
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	97
Toluene	95
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	95
Tetrachloroethene	95

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405486A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/1/04 09:45 AM**	

Compound	%Recovery
2-Hexanone	86
Dibromochloromethane	97
1,2-Dibromoethane (EDB)	91
Chlorobenzene	96
Ethyl Benzene	96
m,p-Xylene	96
o-Xylene	95
Styrene	105
Bromoform	89
Cumene	91
1,1,2,2-Tetrachloroethane	95
Propylbenzene	67
4-Ethyltoluene	94
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	87
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	82
Hexachlorobutadiene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	101	70-130

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CHAIN-OF-CUSTODY RECORD

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Contact Person: Mike Nesky
Company: LFB
Address: 13880 North Scottsdale #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480 905-9311 FAX:
Collected By: Signature: Tom Lanesky

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name:

Turn Around Time:
☐ Normal
☐ Rush ASAP / 24hr. Specify

MW 5/28/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
	Influent Vapor	5-27-04 1500	TO-15 High/low Pre, Tce	26.0	0	3.0" Hg
02A	Effluent Vapor	5-27-04 1505	TO-15 High/low Pre, Tce	27.0	0	4.0" Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Lanesky 5-27-04 1330	FedEx 846168332100 5-27-04 1330
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Laurel Thomas ATL 5/28/04 9:15
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name:	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8461 6833 2100		—	Good	Yes No None	0405486A

Form 1206 rev. 00

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0405486B

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	5/28/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	6/1/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor High	Mod. Method TO-15	3.0 "Hg
01B	Influent Vapor Low	Mod. Method TO-15	3.0 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 06/01/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0405486B

One 1 Liter Silonite Canister sample was received on May 28, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, the sample was analyzed twice in order to accurately determine high-level compounds and achieve lower detection limits for Trichloroethene and Tetrachloroethene.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405486B-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052828**	**Date of Collection:**	**5/27/04**
Dil. Factor:	**199**	**Date of Analysis:**	**5/28/04 06:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1000	Not Detected	5000	Not Detected
Freon 113	1000	Not Detected	7800	Not Detected
Chloroform	1000	Not Detected	4900	Not Detected
1,1,1-Trichloroethane	1000	Not Detected	5500	Not Detected
Carbon Tetrachloride	1000	Not Detected	6400	Not Detected
1,1-Dichloroethene	1000	Not Detected	4000	Not Detected
trans-1,2-Dichloroethene	1000	Not Detected	4000	Not Detected
cis-1,2-Dichloroethene	1000	Not Detected	4000	Not Detected
Benzene	1000	160000	3200	500000
Toluene	1000	220000	3800	840000
Ethyl Benzene	1000	18000	4400	77000
m,p-Xylene	1000	45000	4400	200000
o-Xylene	1000	14000	4400	62000
Vinyl Chloride	1000	Not Detected	2600	Not Detected
1,1-Dichloroethane	1000	Not Detected	4100	Not Detected
Chlorobenzene	1000	Not Detected	4600	Not Detected
Methylene Chloride	1000	Not Detected	3500	Not Detected
Freon 11	1000	Not Detected	5700	Not Detected
Chloromethane	1000	Not Detected	2100	Not Detected
1,2-Dichloroethane	1000	Not Detected	4100	Not Detected
Freon 114	1000	Not Detected	7100	Not Detected
Bromomethane	1000	Not Detected	3900	Not Detected
Chloroethane	1000	Not Detected	2700	Not Detected
2-Propanol	1000	Not Detected	2500	Not Detected
Methyl tert-butyl ether	1000	760000	3600	2800000
1,2-Dichloropropane	1000	Not Detected	4700	Not Detected
1,1,2-Trichloroethane	1000	Not Detected	5500	Not Detected
1,3,5-Trimethylbenzene	1000	2100	5000	10000
1,2,4-Trimethylbenzene	1000	5400	5000	27000
1,3-Dichlorobenzene	1000	Not Detected	6100	Not Detected
1,4-Dichlorobenzene	1000	Not Detected	6100	Not Detected
1,2-Dichlorobenzene	1000	Not Detected	6100	Not Detected
1,2-Dibromoethane (EDB)	1000	Not Detected	7800	Not Detected
1,1,2,2-Tetrachloroethane	1000	Not Detected	6900	Not Detected
TPH ref. to Gasoline (MW=100)	20000	4200000	83000	17000000

Container Type: 1 Liter Silonite Canister

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0405486B-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052828**	**Date of Collection:**	**5/27/04**
Dil. Factor:	**199**	**Date of Analysis:**	**5/28/04 06:38 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low

ID#: 0405486B-01B

MODIFIED TO-15 GC/MS

File Name:	**e052829**	**Date of Collection:**	**5/27/04**
Dil. Factor:	**1.49**	**Date of Analysis:**	**5/28/04 07:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.4	Not Detected	41	Not Detected
Tetrachloroethene	7.4	9.5	51	66

Container Type: 1 Liter Silonite Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405486B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/04 07:38 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0405486B-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052804**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/04 07:38 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405486B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/04 06:53 AM**	

Compound	%Recovery
Freon 12	109
Freon 113	101
Chloroform	108
1,1,1-Trichloroethane	107
Carbon Tetrachloride	114
Trichloroethene	98
Tetrachloroethene	99
1,1-Dichloroethene	100
trans-1,2-Dichloroethene	99
cis-1,2-Dichloroethene	100
Benzene	95
Toluene	97
Ethyl Benzene	104
m,p-Xylene	103
o-Xylene	98
Vinyl Chloride	86
1,1-Dichloroethane	98
Chlorobenzene	106
Methylene Chloride	94
Freon 11	116
Chloromethane	82
1,2-Dichloroethane	105
Freon 114	108
Bromomethane	103
Chloroethane	98
2-Propanol	84
Methyl tert-butyl ether	100
1,2-Dichloropropane	92
1,1,2-Trichloroethane	102
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	95
1,4-Dichlorobenzene	94
1,2-Dichlorobenzene	96
1,2-Dibromoethane (EDB)	106
1,1,2,2-Tetrachloroethane	98

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0405486B-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/04 06:53 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405486B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/04 07:15 AM**	

Compound	%Recovery
Freon 12	125
Freon 113	108
Chloroform	106
1,1,1-Trichloroethane	109
Carbon Tetrachloride	120
Trichloroethene	102
Tetrachloroethene	108
1,1-Dichloroethene	106
trans-1,2-Dichloroethene	100
cis-1,2-Dichloroethene	96
Benzene	102
Toluene	107
Ethyl Benzene	118
m,p-Xylene	113
o-Xylene	106
Vinyl Chloride	94
1,1-Dichloroethane	90
Chlorobenzene	109
Methylene Chloride	98
Freon 11	134 Q
Chloromethane	96
1,2-Dichloroethane	108
Freon 114	124
Bromomethane	118
Chloroethane	112
2-Propanol	86
Methyl tert-butyl ether	90
1,2-Dichloropropane	93
1,1,2-Trichloroethane	107
1,3,5-Trimethylbenzene	112
1,2,4-Trimethylbenzene	95
1,3-Dichlorobenzene	118
1,4-Dichlorobenzene	105
1,2-Dichlorobenzene	118
1,2-Dibromoethane (EDB)	99
1,1,2,2-Tetrachloroethane	115

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0405486B-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e052803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 5/28/04 07:15 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: LFR
Address: 13880 North Sight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Lamb

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name:

Turn Around Time:
☐ Normal
☐ Rush ASAP / 24hr. (Specify)

MW 5/28/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A5	Influent Vapor	5-27-04 1500	TO-15 High/Low Perf Free	26.0	0	3.0" Hg
	Effluent Vapor	5-27-04 1505	TO-15 High/Low Perf Free	27.0	0	4.0" Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Lamb 5-27-04 1330	FedEx 846168332100 5-27-04 1330
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Lawrence Thomas ATL 5/28/04 745
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8461 6833 2100		—	Good	Yes No None	0405486B

Form 1293 rev. 39

AIR TOXICS LTD.

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0406029A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	6/2/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	6/3/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	4.5 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/03/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0406029A

One 1 Liter Summa Canister (100% Certified) sample was received on June 02, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0406029A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060224**	**Date of Collection:**	**6/1/04**
Dil. Factor:	**2.38**	**Date of Analysis:**	**6/3/04 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	Not Detected	6.0	Not Detected
Freon 114	1.2	Not Detected	8.4	Not Detected
Chloromethane	4.8	Not Detected	10	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
1,3-Butadiene	1.2	Not Detected	2.7	Not Detected
Bromomethane	1.2	Not Detected	4.7	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
Freon 11	1.2	Not Detected	6.8	Not Detected
Ethanol	4.8	12	9.1	23
Freon 113	1.2	Not Detected	9.3	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Acetone	4.8	7.5	11	18
2-Propanol	4.8	Not Detected	12	Not Detected
Carbon Disulfide	1.2	Not Detected	3.8	Not Detected
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	1.2	Not Detected	4.2	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Hexane	1.2	Not Detected	4.3	Not Detected
Vinyl Acetate	4.8	Not Detected	17	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	4.0	3.6	12
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Tetrahydrofuran	1.2	2.2	3.6	6.6
Chloroform	1.2	Not Detected	5.9	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Cyclohexane	1.2	Not Detected	4.2	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.6	Not Detected
Benzene	1.2	1.3	3.9	4.2
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Heptane	1.2	Not Detected	5.0	Not Detected
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.1	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	5.0	Not Detected
Toluene	1.2	3.1	4.6	12
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0406029A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060224**	**Date of Collection:**	**6/1/04**
Dil. Factor:	**2.38**	**Date of Analysis:**	**6/3/04 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	4.8	Not Detected	20	Not Detected
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.3	Not Detected
Chlorobenzene	1.2	Not Detected	5.6	Not Detected
Ethyl Benzene	1.2	Not Detected	5.2	Not Detected
m,p-Xylene	1.2	2.7	5.2	12
o-Xylene	1.2	1.2	5.2	5.4
Styrene	1.2	Not Detected	5.2	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.9	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.3	Not Detected
Propylbenzene	1.2	Not Detected	5.9	Not Detected
4-Ethyltoluene	1.2	2.4	5.9	12
1,3,5-Trimethylbenzene	1.2	Not Detected	5.9	Not Detected
1,2,4-Trimethylbenzene	1.2	3.4	5.9	17
1,3-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.3	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	36	Not Detected
Hexachlorobutadiene	4.8	Not Detected	52	Not Detected
TPH ref. to Gasoline (MW=100)	24	230	99	960

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0406029A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 10:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0406029A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 10:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0406029A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 07:14 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	98
Chloromethane	94
Vinyl Chloride	85
1,3-Butadiene	82
Bromomethane	92
Chloroethane	88
Freon 11	106
Ethanol	83
Freon 113	98
1,1-Dichloroethene	94
Acetone	78
2-Propanol	85
Carbon Disulfide	89
3-Chloropropene	90
Methylene Chloride	83
Methyl tert-butyl ether	115
trans-1,2-Dichloroethene	89
Hexane	88
Vinyl Acetate	97
1,1-Dichloroethane	95
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	98
Tetrahydrofuran	90
Chloroform	110
1,1,1-Trichloroethane	121
Cyclohexane	107
Carbon Tetrachloride	125
2,2,4-Trimethylpentane	100
Benzene	98
1,2-Dichloroethane	108
Heptane	108
Trichloroethene	108
1,2-Dichloropropane	98
1,4-Dioxane	102
Bromodichloromethane	113
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	106
Toluene	108
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	101
Tetrachloroethene	104

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0406029A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 07:14 AM**	

Compound	%Recovery
2-Hexanone	90
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	108
Chlorobenzene	105
Ethyl Benzene	107
m,p-Xylene	110
o-Xylene	110
Styrene	116
Bromoform	121
Cumene	117
1,1,2,2-Tetrachloroethane	100
Propylbenzene	114
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	81
1,2-Dichlorobenzene	82
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0406029A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 08:29 AM**	

Compound	%Recovery
Freon 12	80
Freon 114	88
Chloromethane	70
Vinyl Chloride	66 Q
1,3-Butadiene	69
Bromomethane	81
Chloroethane	84
Freon 11	96
Ethanol	96
Freon 113	82
1,1-Dichloroethene	81
Acetone	72
2-Propanol	87
Carbon Disulfide	80
3-Chloropropene	69
Methylene Chloride	69 Q
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	80
Hexane	78
Vinyl Acetate	90
1,1-Dichloroethane	83
2-Butanone (Methyl Ethyl Ketone)	87
cis-1,2-Dichloroethene	86
Tetrahydrofuran	85
Chloroform	99
1,1,1-Trichloroethane	115
Cyclohexane	95
Carbon Tetrachloride	115
2,2,4-Trimethylpentane	75
Benzene	95
1,2-Dichloroethane	104
Heptane	94
Trichloroethene	104
1,2-Dichloropropane	95
1,4-Dioxane	94
Bromodichloromethane	95
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	96
Toluene	95
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	93
Tetrachloroethene	96

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0406029A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 08:29 AM**	

Compound	%Recovery
2-Hexanone	85
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	89
Chlorobenzene	94
Ethyl Benzene	93
m,p-Xylene	93
o-Xylene	92
Styrene	103
Bromoform	87
Cumene	90
1,1,2,2-Tetrachloroethane	92
Propylbenzene	66
4-Ethyltoluene	92
1,3,5-Trimethylbenzene	89
1,2,4-Trimethylbenzene	78
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	78
alpha-Chlorotoluene	101
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	85
Hexachlorobutadiene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	99	70-130

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Comact Person: Mike Nesky
Company: CFR
Address: 13880 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Vanny

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silverscript

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24 hr. Specify

5/12/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
	Influent Vapor	6-01-04 1400	TO-15 High/low He, Tce	28.5	&	
02A	Effluent Vapor	6-01-04 1405	TO-15 High/low He, Tce	29.0	&	4.5 Hg

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Tom Vanny	6-01-04 1430	FedEx 8461 6833 2095	6-01-04 1430
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
		Laurel Thomas ATL	6/2/04 930
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8461 6833 2095	[illegible]	—	Good	Yes No (None)	0406029A

Form 1296 rev. 09

AIR TOXICS LTD.

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0406029AR1

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	6/2/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	6/7/2004		
DATE REISSUED:	6/7/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	Effluent Vapor	Modified TO-15	4.5 "Hg
03A	Lab Blank	Modified TO-15	NA
04A	CCV	Modified TO-15	NA
05A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/07/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0406029AR1

One 1 Liter Summa Canister (100% Certified) sample was received on June 02, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol (TO-15)	SW-846 protocol
Concentration of IS spike	10 ppbv (TO-15)	25 ppbv
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91, Vinyl Acetate: 43, 2-Butanone: 43, 4-Methyl-2-Pentanone: 43.	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106, Vinyl Acetate: 86, 2-Butanone: 72, 4-Methyl-2-Pentanone: 58.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Sample Drying System	Nafion Dryer (TO-14A)	Multisorbent
Sample Load Volume	400 mL (TO-14A)	Varied to 0.2 L.
Blank Acceptance Criteria.	< 0.20 ppbv (TO-14A)	< RL
BFB Absolute Abundance Criteria (TO-14A)	Within 10% of that from the previous day.	CCV internal standard area counts are compared to ICAL, corrective action for > 40 % D.
Initial Calibration	</= 30 %RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to </= 40 % RSD.
IS Recoveries	Within 40% of mean over ICAL for blanks, and within 40 % of daily CCV for samples. (TO-15)	Within 40% of CCV recoveries for blank and samples.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

DATA WAS REISSUED ON 06-07-2004 TO QUANTIFY RESULTS USING THE CORRECT DILUTION FACTOR.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0406029AR1-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060224r1**	**Date of Collection:**	**6/1/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**6/3/04 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.79	Not Detected	4.0	Not Detected
Freon 114	0.79	Not Detected	5.6	Not Detected
Chloromethane	3.2	Not Detected	6.6	Not Detected
Vinyl Chloride	0.79	Not Detected	2.0	Not Detected
1,3-Butadiene	0.79	Not Detected	1.8	Not Detected
Bromomethane	0.79	Not Detected	3.1	Not Detected
Chloroethane	0.79	Not Detected	2.1	Not Detected
Freon 11	0.79	Not Detected	4.5	Not Detected
Ethanol	3.2	7.9	6.0	15
Freon 113	0.79	Not Detected	6.2	Not Detected
1,1-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Acetone	3.2	5.0	7.6	12
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	0.79	Not Detected	2.5	Not Detected
3-Chloropropene	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.79	Not Detected	2.8	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.9	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Hexane	0.79	Not Detected	2.8	Not Detected
Vinyl Acetate	3.2	Not Detected	11	Not Detected
1,1-Dichloroethane	0.79	Not Detected	3.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.79	2.7	2.4	8.1
cis-1,2-Dichloroethene	0.79	Not Detected	3.2	Not Detected
Tetrahydrofuran	0.79	1.5	2.4	4.4
Chloroform	0.79	Not Detected	3.9	Not Detected
1,1,1-Trichloroethane	0.79	Not Detected	4.4	Not Detected
Cyclohexane	0.79	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.79	Not Detected	5.0	Not Detected
2,2,4-Trimethylpentane	0.79	Not Detected	3.8	Not Detected
Benzene	0.79	0.86	2.6	2.8
1,2-Dichloroethane	0.79	Not Detected	3.2	Not Detected
Heptane	0.79	Not Detected	3.3	Not Detected
Trichloroethene	0.79	Not Detected	4.3	Not Detected
1,2-Dichloropropane	0.79	Not Detected	3.7	Not Detected
1,4-Dioxane	3.2	Not Detected	12	Not Detected
Bromodichloromethane	0.79	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.79	Not Detected	3.3	Not Detected
Toluene	0.79	2.0	3.0	7.8
trans-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
1,1,2-Trichloroethane	0.79	Not Detected	4.4	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Effluent Vapor

ID#: 0406029AR1-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060224r1**	**Date of Collection:**	**6/1/04**
Dil. Factor:	**1.58**	**Date of Analysis:**	**6/3/04 05:28 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.79	Not Detected	6.8	Not Detected
1,2-Dibromoethane (EDB)	0.79	Not Detected	6.2	Not Detected
Chlorobenzene	0.79	Not Detected	3.7	Not Detected
Ethyl Benzene	0.79	Not Detected	3.5	Not Detected
m,p-Xylene	0.79	1.8	3.5	7.9
o-Xylene	0.79	0.81	3.5	3.6
Styrene	0.79	Not Detected	3.4	Not Detected
Bromoform	0.79	Not Detected	8.3	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
1,1,2,2-Tetrachloroethane	0.79	Not Detected	5.5	Not Detected
Propylbenzene	0.79	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.79	1.6	3.9	8.1
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.79	2.3	3.9	11
1,3-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.79	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected
TPH ref. to Gasoline (MW=100)	16	150	66	640

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0406029AR1-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 10:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.4	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.4	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.1	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0406029AR1-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 10:05 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.5	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0406029AR1-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 07:14 AM**	

Compound	%Recovery
Freon 12	103
Freon 114	98
Chloromethane	94
Vinyl Chloride	85
1,3-Butadiene	82
Bromomethane	92
Chloroethane	88
Freon 11	106
Ethanol	83
Freon 113	98
1,1-Dichloroethene	94
Acetone	78
2-Propanol	85
Carbon Disulfide	89
3-Chloropropene	90
Methylene Chloride	83
Methyl tert-butyl ether	115
trans-1,2-Dichloroethene	89
Hexane	88
Vinyl Acetate	97
1,1-Dichloroethane	95
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	98
Tetrahydrofuran	90
Chloroform	110
1,1,1-Trichloroethane	121
Cyclohexane	107
Carbon Tetrachloride	125
2,2,4-Trimethylpentane	100
Benzene	98
1,2-Dichloroethane	108
Heptane	108
Trichloroethene	108
1,2-Dichloropropane	98
1,4-Dioxane	102
Bromodichloromethane	113
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	106
Toluene	108
trans-1,3-Dichloropropene	100
1,1,2-Trichloroethane	101
Tetrachloroethene	104

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0406029AR1-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 07:14 AM**	

Compound	**%Recovery**
2-Hexanone	90
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	108
Chlorobenzene	105
Ethyl Benzene	107
m,p-Xylene	110
o-Xylene	110
Styrene	116
Bromoform	121
Cumene	117
1,1,2,2-Tetrachloroethane	100
Propylbenzene	114
4-Ethyltoluene	104
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	89
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	81
1,2-Dichlorobenzene	82
1,2,4-Trichlorobenzene	91
Hexachlorobutadiene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0406029AR1-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 08:29 AM**	

Compound	%Recovery
Freon 12	80
Freon 114	88
Chloromethane	70
Vinyl Chloride	66 Q
1,3-Butadiene	69
Bromomethane	81
Chloroethane	84
Freon 11	96
Ethanol	96
Freon 113	82
1,1-Dichloroethene	81
Acetone	72
2-Propanol	87
Carbon Disulfide	80
3-Chloropropene	69
Methylene Chloride	69 Q
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	80
Hexane	78
Vinyl Acetate	90
1,1-Dichloroethane	83
2-Butanone (Methyl Ethyl Ketone)	87
cis-1,2-Dichloroethene	86
Tetrahydrofuran	85
Chloroform	99
1,1,1-Trichloroethane	115
Cyclohexane	95
Carbon Tetrachloride	115
2,2,4-Trimethylpentane	75
Benzene	95
1,2-Dichloroethane	104
Heptane	94
Trichloroethene	104
1,2-Dichloropropane	95
1,4-Dioxane	94
Bromodichloromethane	95
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	96
Toluene	95
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	93
Tetrachloroethene	96

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0406029AR1-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i060203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 08:29 AM**	

Compound	**%Recovery**
2-Hexanone	85
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	89
Chlorobenzene	94
Ethyl Benzene	93
m,p-Xylene	93
o-Xylene	92
Styrene	103
Bromoform	87
Cumene	90
1,1,2,2-Tetrachloroethane	92
Propylbenzene	66
4-Ethyltoluene	92
1,3,5-Trimethylbenzene	89
1,2,4-Trimethylbenzene	78
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	78
alpha-Chlorotoluene	101
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	85
Hexachlorobutadiene	86
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	99	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: CFR
Address: 13880 NorthSight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Lanesky

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silvercraft

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. (Specify)
5/6/2004

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
	Influent Vapor	6-01-04 1400	TO-15 High/low Pce, Tce	28.5	&	
02A	Effluent Vapor	6-01-04 1405	TO-15 High/low Pce, Tce	29.0	&	4.5 psig

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Lanesky 6-01-04 1430	FedEx 846168332095 6-01-04 1430
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Lynnel Thomas AIR 6/2/04 930
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8461 6833 2095	[illegible]	—	Good	Yes No (None)	0406029A

Form 1593 rev. 09

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Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific
E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0406029BR1

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1022-06-005 Silvercroft Wash
DATE RECEIVED:	6/2/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	6/3/2004		
DATE REISSUED:	6/4/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	Influent Vapor High	Mod. Method TO-15	4.0 "Hg
01B	Influent Vapor Low	Mod. Method TO-15	4.0 "Hg
02A	Lab Blank	Mod. Method TO-15	NA
03A	CCV	Mod. Method TO-15	NA
04A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 06/04/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/04, Expiration date: 06/30/05
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0406029BR1

One 1 Liter Summa Canister (100% Certified) sample was received on June 02, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, the sample was analyzed twice in order to accurately determine high-level compounds and achieve lower detection limits for Trichloroethene and Tetrachloroethene.

THE WORKORDER WAS REISSUED ON JUNE 4, 2004 TO CORRECT SAMPLE DILUTION FACTORS.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0406029BR1-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060213R1**	**Date of Collection:**	**6/1/04**
Dil. Factor:	**194**	**Date of Analysis:**	**6/2/04 08:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	970	Not Detected	4900	Not Detected
Freon 113	970	Not Detected	7600	Not Detected
Chloroform	970	Not Detected	4800	Not Detected
1,1,1-Trichloroethane	970	Not Detected	5400	Not Detected
Carbon Tetrachloride	970	Not Detected	6200	Not Detected
1,1-Dichloroethene	970	Not Detected	3900	Not Detected
trans-1,2-Dichloroethene	970	Not Detected	3900	Not Detected
cis-1,2-Dichloroethene	970	Not Detected	3900	Not Detected
Benzene	970	230000	3100	740000
Toluene	970	340000	3700	1300000
Ethyl Benzene	970	29000	4300	130000
m,p-Xylene	970	72000	4300	320000
o-Xylene	970	23000	4300	100000
Vinyl Chloride	970	Not Detected	2500	Not Detected
1,1-Dichloroethane	970	Not Detected	4000	Not Detected
Chlorobenzene	970	Not Detected	4500	Not Detected
Methylene Chloride	970	Not Detected	3400	Not Detected
Freon 11	970	Not Detected	5500	Not Detected
Chloromethane	970	Not Detected	2000	Not Detected
1,2-Dichloroethane	970	Not Detected	4000	Not Detected
Freon 114	970	Not Detected	6900	Not Detected
Bromomethane	970	Not Detected	3800	Not Detected
Chloroethane	970	Not Detected	2600	Not Detected
2-Propanol	970	Not Detected	2400	Not Detected
Methyl tert-butyl ether	970	780000	3600	2800000
1,2-Dichloropropane	970	Not Detected	4600	Not Detected
1,1,2-Trichloroethane	970	Not Detected	5400	Not Detected
1,3,5-Trimethylbenzene	970	3400	4800	17000
1,2,4-Trimethylbenzene	970	7400	4800	37000
1,3-Dichlorobenzene	970	Not Detected	5900	Not Detected
1,4-Dichlorobenzene	970	Not Detected	5900	Not Detected
1,2-Dichlorobenzene	970	Not Detected	5900	Not Detected
1,2-Dibromoethane (EDB)	970	Not Detected	7600	Not Detected
1,1,2,2-Tetrachloroethane	970	Not Detected	6800	Not Detected
TPH ref. to Gasoline (MW=100)	19000	7900000	81000	33000000

Container Type: 1 Liter Summa Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor High

ID#: 0406029BR1-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060213R1**	**Date of Collection:**	**6/1/04**
Dil. Factor:	**194**	**Date of Analysis:**	**6/2/04 08:46 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: Influent Vapor Low

ID#: 0406029BR1-01B

MODIFIED TO-15 GC/MS

File Name:	**e060215R1**	**Date of Collection: 6/1/04**	
Dil. Factor:	**1.55**	**Date of Analysis: 6/2/04 09:40 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.8	Not Detected	42	Not Detected
Tetrachloroethene	7.8	Not Detected	53	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	121	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0406029BR1-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 03:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0406029BR1-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060206**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 03:25 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	103	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0406029BR1-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 01:11 PM**	

Compound	%Recovery
Freon 12	111
Freon 113	101
Chloroform	107
1,1,1-Trichloroethane	98
Carbon Tetrachloride	109
Trichloroethene	97
Tetrachloroethene	101
1,1-Dichloroethene	102
trans-1,2-Dichloroethene	102
cis-1,2-Dichloroethene	97
Benzene	99
Toluene	96
Ethyl Benzene	101
m,p-Xylene	99
o-Xylene	100
Vinyl Chloride	115
1,1-Dichloroethane	96
Chlorobenzene	110
Methylene Chloride	94
Freon 11	110
Chloromethane	84
1,2-Dichloroethane	101
Freon 114	111
Bromomethane	105
Chloroethane	102
2-Propanol	92
Methyl tert-butyl ether	91
1,2-Dichloropropane	94
1,1,2-Trichloroethane	104
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	100
1,2-Dichlorobenzene	104
1,2-Dibromoethane (EDB)	106
1,1,2,2-Tetrachloroethane	100

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0406029BR1-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060202**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 01:11 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	105	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0406029BR1-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 01:37 PM**	

Compound	%Recovery
Freon 12	125
Freon 113	103
Chloroform	104
1,1,1-Trichloroethane	102
Carbon Tetrachloride	114
Trichloroethene	105
Tetrachloroethene	108
1,1-Dichloroethene	105
trans-1,2-Dichloroethene	99
cis-1,2-Dichloroethene	97
Benzene	104
Toluene	103
Ethyl Benzene	112
m,p-Xylene	99
o-Xylene	102
Vinyl Chloride	124
1,1-Dichloroethane	90
Chlorobenzene	121
Methylene Chloride	95
Freon 11	122
Chloromethane	94
1,2-Dichloroethane	102
Freon 114	125
Bromomethane	123
Chloroethane	113
2-Propanol	86
Methyl tert-butyl ether	78
1,2-Dichloropropane	94
1,1,2-Trichloroethane	110
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	93
1,3-Dichlorobenzene	109
1,4-Dichlorobenzene	105
1,2-Dichlorobenzene	116
1,2-Dibromoethane (EDB)	104
1,1,2,2-Tetrachloroethane	107

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0406029BR1-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e060203**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/2/04 01:37 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	106	70-130

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Mike Nesky
Company: CFR
Address: 13880 North Scott #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX:
Collected By: Signature: Tom Lanahy

Project info:
P.O. #:
Project #: 014-1022-06-005
Project Name: Silvercraft Wash

Turn Around Time:
☐ Normal
☒ Rush ASAP / 24hr. Specify

SSC 6/2/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A5	Influent Vapor	6-01-04 1400	TO-15 High/low Hg, Tce	28.5	0	4.0"Hg
	Effluent Vapor	6-01-04 1405	TO-15 High/low Hg, Tce	29.0	0	

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Tom Lanahy 6-01-04 1430	FedEx 846168332095 6-01-04 1430
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Lamah Thomas ATL 6/2/04 930
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	846168332095	[illegible]	—	Good	Yes No (None)	0406029B

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FOLSOM, CA 95630-4719
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Contact Person: Ned Overs, Nate Marcoe
Company: LFR, Inc. Suite 115
Address: 13880 N. Northsight City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX: 480-905-9353
Collected By: Signature: Nathaniel Marcoe

Project Info:
P.O. #:
Project #: 014-10022-02
Project Name: Silvercraft Wash

Turn Around Time:
~~Normal~~ 10 Day
~~Rush~~ 5 Day Rush
Specify
5 Day Turn Around
MW 1/21/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	MW-5	1-28-04 10:32AM	TO-15, TPH-G	27.6	0.0	2.0"Hg
02A	MW-4	1/28/04 11:01AM	TO-15, TPH-G	26.6	0	2.0"Hg
03A	MW-3	1/28/04 11:22AM	TO-15, TPH-G	27.1	0	2.0"Hg
04A	SVE-1	1/28/04 11:51AM	TO-15, TPH-G	27.6	0	1.5"Hg
05A	MW-12	1/28/04 1:57PM	TO-15, TPH-G	28.4	0	2.0"Hg

Relinquished By: (Signature) Date/Time: Nathaniel Marcoe 1/29/04 9:20AM
Received By: (Signature) Date/Time:
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time: Laurel Thomas AR 1/30/04 900
Relinquished By: (Signature) Date/Time:
Received By: (Signature) Date/Time:

Notes: Possible high TCE, PCE conc. Known high gasoline HC conc.
TO-15 List
Comprehensive Reports Necessary.

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals intact?	Work Order #
	FedEx	8432 6699 2076	TT	—	Good	Yes No (None)	0401422A

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0401422

Work Order Summary

CLIENT:	Mr. Nate Marcoe LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Nate Marcoe LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	03185
FAX:	480-905-9353	**PROJECT #**	014-10022-02 Silvercroft Wash
DATE RECEIVED:	01/30/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	02/06/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	MW-5	Mod. Method TO-15	2.0 "Hg
01B	MW-5	Mod. Method TO-15	2.0 "Hg
02A	MW-4	Mod. Method TO-15	2.0 "Hg
02AA	MW-4 Duplicate	Mod. Method TO-15	2.0 "Hg
02B	MW-4	Mod. Method TO-15	2.0 "Hg
03A	MW-3	Mod. Method TO-15	2.0 "Hg
03B	MW-3	Mod. Method TO-15	2.0 "Hg
04A	SVE-1	Mod. Method TO-15	1.5 "Hg
04B	SVE-1	Mod. Method TO-15	1.5 "Hg
05A	MW-12	Mod. Method TO-15	2.0 "Hg
06A	Lab Blank	Mod. Method TO-15	NA
07A	CCV	Mod. Method TO-15	NA
08A	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 02/06/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0401422

Five 1 Liter Summa Canister (100% Certified) samples were received on January 30, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
ICAL RRF for quantitation	RRF for quantitation taken from daily CCV or midlevel of Initial Calibration	Average RRF from Initial Calibration is used for quantitation
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Samples MW-5, MW-4, MW-3 and MW-1 are reported in two fractions by client request. All samples in the "A Fraction" are reported at an appropriate dilution to ensure all surrogates and internal standards met quality control criteria. In the "B Fractions", the samples were not diluted during the analysis for the detection of Trichloroethene and Tetrachlorethene. The internal standards and/or surrogates in the "B Fraction" samples may have exceeded quality control limits due to the presence of extremly high level hydrocarbons.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: MW-5

ID#: 0401422-01A

MODIFIED TO-15 GC/MS

File Name:	**e020518**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**72.0**	**Date of Analysis:**	**2/5/04 03:08 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Tetrachloroethene	360	400	2500	2800
Benzene	360	210000	1200	670000
Toluene	360	260000	1400	990000
Ethyl Benzene	360	23000	1600	100000
m,p-Xylene	360	98000	1600	430000
o-Xylene	360	38000	1600	170000
Methyl tert-butyl ether	360	150000	1300	540000
TPH ref. to Gasoline (MW=100)	7200	42000000	30000	170000000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-5

ID#: 0401422-01B

MODIFIED TO-15 GC/MS

File Name:	**e020526**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**2.16**	**Date of Analysis:**	**2/5/04 07:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	59	Not Detected

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	12 Q	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-4

ID#: 0401422-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020517**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**697**	**Date of Analysis:**	**2/5/04 02:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	3500	1300000	11000	4200000
Toluene	3500	1900000	13000	7300000
Ethyl Benzene	3500	180000	15000	780000
m,p-Xylene	3500	580000	15000	2600000
o-Xylene	3500	180000	15000	800000
Methyl tert-butyl ether	3500	3000000	13000	11000000
TPH ref. to Gasoline (MW=100)	70000	80000000	290000	330000000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

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SAMPLE NAME: MW-4 Duplicate

ID#: 0401422-02AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020507**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**346**	**Date of Analysis:**	**2/5/04 09:55 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1700	1200000	5600	4000000
Toluene	1700	1900000 E	6600	7200000 E
Ethyl Benzene	1700	180000	7600	820000
m,p-Xylene	1700	610000	7600	2700000
o-Xylene	1700	200000	7600	880000
Methyl tert-butyl ether	1700	3100000 E	6300	11000000 E
TPH ref. to Gasoline (MW=100)	35000	79000000	140000	330000000

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-4

ID#: 0401422-02B

MODIFIED TO-15 GC/MS

File Name:	**e020530**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**2.16**	**Date of Analysis:**	**2/5/04 09:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	59	Not Detected
Tetrachloroethene	11	Not Detected	74	Not Detected

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	18 Q	70-130

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SAMPLE NAME: MW-3

ID#: 0401422-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020524**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**43.2**	**Date of Analysis:**	**2/5/04 06:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	220	96000	700	310000
Toluene	220	180000	830	700000
Ethyl Benzene	220	25000	950	110000
m,p-Xylene	220	65000	950	290000
o-Xylene	220	28000	950	120000
Methyl tert-butyl ether	220	70000	790	260000
TPH ref. to Gasoline (MW=100)	4300	5400000	18000	22000000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

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SAMPLE NAME: MW-3

ID#: 0401422-03B

MODIFIED TO-15 GC/MS

File Name:	**e020525**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**2.16**	**Date of Analysis:**	**2/5/04 06:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	59	Not Detected
Tetrachloroethene	11	47	74	330

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	160 Q	70-130

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SAMPLE NAME: SVE-1

ID#: 0401422-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020523**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**3410**	**Date of Analysis:**	**2/5/04 05:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	17000	2800000	55000	9200000
Toluene	17000	2600000	65000	10000000
Ethyl Benzene	17000	170000	75000	770000
m,p-Xylene	17000	430000	75000	1900000
o-Xylene	17000	140000	75000	600000
Methyl tert-butyl ether	17000	14000000	62000	50000000
TPH ref. to Gasoline (MW=100)	340000	110000000	1400000	460000000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

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SAMPLE NAME: SVE-1

ID#: 0401422-04B

MODIFIED TO-15 GC/MS

File Name:	**e020531**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**2.13**	**Date of Analysis:**	**2/5/04 09:45 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	58	Not Detected
Tetrachloroethene	11	Not Detected	73	Not Detected

Q = Exceeds Quality Control limits.

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	20 Q	70-130

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SAMPLE NAME: MW-12

ID#: 0401422-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020513**	**Date of Collection:**	**1/28/04**
Dil. Factor:	**2.16**	**Date of Analysis:**	**2/5/04 12:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	64	59	350
Tetrachloroethene	11	6400	74	44000
Benzene	11	50	35	160
Toluene	11	52	41	200
Ethyl Benzene	11	Not Detected	48	Not Detected
m,p-Xylene	11	11	48	48
o-Xylene	11	Not Detected	48	Not Detected
Methyl tert-butyl ether	11	190	40	700
TPH ref. to Gasoline (MW=100)	220	9100	900	38000

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

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SAMPLE NAME: Lab Blank

ID#: 0401422-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020505**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/5/04 08:38 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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SAMPLE NAME: CCV

ID#: 0401422-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/5/04 07:06 AM**	

Compound	**%Recovery**
Trichloroethene	121
Tetrachloroethene	122
Benzene	113
Toluene	111
Ethyl Benzene	112
m,p-Xylene	109
o-Xylene	112
Methyl tert-butyl ether	79

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130

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SAMPLE NAME: LCS

ID#: 0401422-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e020503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 2/5/04 07:36 AM**	

Compound	%Recovery
Trichloroethene	127
Tetrachloroethene	126
Benzene	119
Toluene	120
Ethyl Benzene	125
m,p-Xylene	112
o-Xylene	116
Methyl tert-butyl ether	70

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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Page ___ of ___

Contact Person: WED OVERS
Company: LFR INC
Address: 13850 N Northsight Blvd Suite 115 City: Scottsdale State: AZ Zip: 85226
Phone: 480-905-9311 FAX: 480-905-9353
Collected By: Signature: Douglas Fisher

Project Info:
P.O. #:
Project #: 014
Project Name: KMEP / Silvercrest Wash

Turn Around Time:
☑ Normal
☐ Rush ___ Specify

mro 3/11/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	SVE-2-120	3-9-04 / 1215	TO-15 + TPH	28.0" Hg	1.0" Hg	4.5" Hg
02A	SVE-2-120L	3-9-04 / 12:30	↓	27.5" Hg	1.0" Hg	5.0" Hg
03A	SVE-2-75	3-9-04 / 12:40	↓	28.5" Hg	1.0" Hg	5.0" Hg
04A	SVE-2-38	3-9-04 / 12:45	↓	28.5" Hg	1.5" Hg	5.0" Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Douglas Fisher 3-10-04 / 0800	
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Noel Dorado AZ 3/11/04 1010

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FEX	8449 4302 3308	CM	—	Good	Yes No (None)	0403205

Form 1283 rev. 09

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WORK ORDER #: 0403205A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014 KMEP/ Silver Crost Wash
DATE RECEIVED:	3/11/04	**CONTACT:**	Taryn Badal
DATE COMPLETED:	3/12/04		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	SVE-2-120	Modified TO-15	4.5 "Hg
02A	SVE-2-120L	Modified TO-15	5.0 "Hg
03A	SVE-2-75	Modified TO-15	5.0 "Hg
04A	SVE-2-38	Modified TO-15	5.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 03/12/04

Laboratory Director

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0403205A

Four 6 Liter Summa Canister (100% Certified) samples were received on March 11, 2004. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits for each compound.

Method modifications taken to run these samples include:

Requirement	***TO-14A/TO-15***	***ATL Modifications***
BFB acceptance criteria	CLP protocol	SW-846 protocol
Concentration of IS spike	10 ppbv	25 ppbv when 0.5/2.0 ppbv is used for the reporting limit
Dilutions for initial calibration	Dynamic dilutions or static using canisters	Syringe dilutions
Daily CCV	</= 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Primary ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated Peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-120

ID#: 0403205A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031116**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**79000**	**Date of Analysis:**	**3/11/04 07:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	40000	Not Detected	200000	Not Detected
Freon 114	40000	Not Detected	280000	Not Detected
Vinyl Chloride	40000	Not Detected	100000	Not Detected
Bromomethane	40000	Not Detected	160000	Not Detected
Chloroethane	40000	Not Detected	100000	Not Detected
Freon 11	40000	Not Detected	220000	Not Detected
1,1-Dichloroethene	40000	Not Detected	160000	Not Detected
Freon 113	40000	Not Detected	310000	Not Detected
Methylene Chloride	40000	Not Detected	140000	Not Detected
1,1-Dichloroethane	40000	Not Detected	160000	Not Detected
cis-1,2-Dichloroethene	40000	Not Detected	160000	Not Detected
Chloroform	40000	Not Detected	200000	Not Detected
1,1,1-Trichloroethane	40000	Not Detected	220000	Not Detected
Carbon Tetrachloride	40000	Not Detected	250000	Not Detected
Benzene	40000	2100000	130000	7000000
1,2-Dichloroethane	40000	Not Detected	160000	Not Detected
Trichloroethene	40000	Not Detected	220000	Not Detected
1,2-Dichloropropane	40000	Not Detected	180000	Not Detected
cis-1,3-Dichloropropene	40000	Not Detected	180000	Not Detected
Toluene	40000	2100000	150000	8000000
trans-1,3-Dichloropropene	40000	Not Detected	180000	Not Detected
1,1,2-Trichloroethane	40000	Not Detected	220000	Not Detected
Tetrachloroethene	40000	Not Detected	270000	Not Detected
1,2-Dibromoethane (EDB)	40000	Not Detected	310000	Not Detected
Chlorobenzene	40000	Not Detected	180000	Not Detected
Ethyl Benzene	40000	160000	170000	700000
m,p-Xylene	40000	400000	170000	1800000
o-Xylene	40000	130000	170000	580000
Styrene	40000	Not Detected	170000	Not Detected
1,1,2,2-Tetrachloroethane	40000	Not Detected	280000	Not Detected
1,3,5-Trimethylbenzene	40000	Not Detected	200000	Not Detected
1,2,4-Trimethylbenzene	40000	41000	200000	210000
1,3-Dichlorobenzene	40000	Not Detected	240000	Not Detected
1,4-Dichlorobenzene	40000	Not Detected	240000	Not Detected
alpha-Chlorotoluene	40000	Not Detected	210000	Not Detected
1,2-Dichlorobenzene	40000	Not Detected	240000	Not Detected
1,3-Butadiene	40000	Not Detected	89000	Not Detected
Hexane	40000	3600000	140000	13000000
Cyclohexane	40000	1000000	140000	3600000
Bromodichloromethane	40000	Not Detected	270000	Not Detected
Dibromochloromethane	40000	Not Detected	340000	Not Detected
Heptane	40000	450000	160000	1800000

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-120

ID#: 0403205A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031116**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**79000**	**Date of Analysis:**	**3/11/04 07:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	40000	Not Detected	200000	Not Detected
Propylbenzene	40000	Not Detected	200000	Not Detected
Chloromethane	160000	Not Detected	330000	Not Detected
1,2,4-Trichlorobenzene	160000	Not Detected	1200000	Not Detected
Hexachlorobutadiene	160000	Not Detected	1700000	Not Detected
Acetone	160000	Not Detected	380000	Not Detected
Carbon Disulfide	160000	Not Detected	500000	Not Detected
2-Propanol	160000	Not Detected	390000	Not Detected
trans-1,2-Dichloroethene	160000	Not Detected	640000	Not Detected
Vinyl Acetate	160000	Not Detected	560000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	160000	Not Detected	470000	Not Detected
Tetrahydrofuran	160000	Not Detected	470000	Not Detected
1,4-Dioxane	160000	Not Detected	580000	Not Detected
4-Methyl-2-pentanone	160000	Not Detected	660000	Not Detected
2-Hexanone	160000	Not Detected	660000	Not Detected
Ethanol	160000	Not Detected	300000	Not Detected
Bromoform	160000	Not Detected	1700000	Not Detected
4-Ethyltoluene	160000	Not Detected	790000	Not Detected
Methyl tert-butyl ether	160000	13000000	580000	46000000
TPH ref. to Gasoline (MW=100)	790000	170000000	3300000	710000000

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-120L

ID#: 0403205A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031117**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**64400**	**Date of Analysis:**	**3/11/04 08:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	32000	Not Detected	160000	Not Detected
Freon 114	32000	Not Detected	230000	Not Detected
Vinyl Chloride	32000	Not Detected	84000	Not Detected
Bromomethane	32000	Not Detected	130000	Not Detected
Chloroethane	32000	Not Detected	86000	Not Detected
Freon 11	32000	Not Detected	180000	Not Detected
1,1-Dichloroethene	32000	Not Detected	130000	Not Detected
Freon 113	32000	Not Detected	250000	Not Detected
Methylene Chloride	32000	Not Detected	110000	Not Detected
1,1-Dichloroethane	32000	Not Detected	130000	Not Detected
cis-1,2-Dichloroethene	32000	Not Detected	130000	Not Detected
Chloroform	32000	Not Detected	160000	Not Detected
1,1,1-Trichloroethane	32000	Not Detected	180000	Not Detected
Carbon Tetrachloride	32000	Not Detected	200000	Not Detected
Benzene	32000	1500000	100000	4900000
1,2-Dichloroethane	32000	Not Detected	130000	Not Detected
Trichloroethene	32000	Not Detected	180000	Not Detected
1,2-Dichloropropane	32000	Not Detected	150000	Not Detected
cis-1,3-Dichloropropene	32000	Not Detected	150000	Not Detected
Toluene	32000	1600000	120000	6200000
trans-1,3-Dichloropropene	32000	Not Detected	150000	Not Detected
1,1,2-Trichloroethane	32000	Not Detected	180000	Not Detected
Tetrachloroethene	32000	Not Detected	220000	Not Detected
1,2-Dibromoethane (EDB)	32000	Not Detected	250000	Not Detected
Chlorobenzene	32000	Not Detected	150000	Not Detected
Ethyl Benzene	32000	130000	140000	580000
m,p-Xylene	32000	340000	140000	1500000
o-Xylene	32000	120000	140000	540000
Styrene	32000	Not Detected	140000	Not Detected
1,1,2,2-Tetrachloroethane	32000	Not Detected	220000	Not Detected
1,3,5-Trimethylbenzene	32000	Not Detected	160000	Not Detected
1,2,4-Trimethylbenzene	32000	47000	160000	230000
1,3-Dichlorobenzene	32000	Not Detected	200000	Not Detected
1,4-Dichlorobenzene	32000	Not Detected	200000	Not Detected
alpha-Chlorotoluene	32000	Not Detected	170000	Not Detected
1,2-Dichlorobenzene	32000	Not Detected	200000	Not Detected
1,3-Butadiene	32000	Not Detected	72000	Not Detected
Hexane	32000	2300000	120000	8300000
Cyclohexane	32000	690000	110000	2400000
Bromodichloromethane	32000	Not Detected	220000	Not Detected
Dibromochloromethane	32000	Not Detected	280000	Not Detected
Heptane	32000	310000	130000	1300000

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-120L

ID#: 0403205A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031117**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**64400**	**Date of Analysis:**	**3/11/04 08:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	32000	Not Detected	160000	Not Detected
Propylbenzene	32000	Not Detected	160000	Not Detected
Chloromethane	130000	Not Detected	270000	Not Detected
1,2,4-Trichlorobenzene	130000	Not Detected	970000	Not Detected
Hexachlorobutadiene	130000	Not Detected	1400000	Not Detected
Acetone	130000	Not Detected	310000	Not Detected
Carbon Disulfide	130000	Not Detected	410000	Not Detected
2-Propanol	130000	Not Detected	320000	Not Detected
trans-1,2-Dichloroethene	130000	Not Detected	520000	Not Detected
Vinyl Acetate	130000	Not Detected	460000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	130000	Not Detected	390000	Not Detected
Tetrahydrofuran	130000	Not Detected	390000	Not Detected
1,4-Dioxane	130000	Not Detected	470000	Not Detected
4-Methyl-2-pentanone	130000	Not Detected	540000	Not Detected
2-Hexanone	130000	Not Detected	540000	Not Detected
Ethanol	130000	Not Detected	250000	Not Detected
Bromoform	130000	Not Detected	1400000	Not Detected
4-Ethyltoluene	130000	Not Detected	640000	Not Detected
Methyl tert-butyl ether	130000	7200000	470000	26000000
TPH ref. to Gasoline (MW=100)	640000	110000000	2700000	460000000

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-75

ID#: 0403205A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031119**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**80500**	**Date of Analysis:**	**3/11/04 09:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	40000	Not Detected	200000	Not Detected
Freon 114	40000	Not Detected	290000	Not Detected
Vinyl Chloride	40000	Not Detected	100000	Not Detected
Bromomethane	40000	Not Detected	160000	Not Detected
Chloroethane	40000	Not Detected	110000	Not Detected
Freon 11	40000	Not Detected	230000	Not Detected
1,1-Dichloroethene	40000	Not Detected	160000	Not Detected
Freon 113	40000	Not Detected	310000	Not Detected
Methylene Chloride	40000	Not Detected	140000	Not Detected
1,1-Dichloroethane	40000	Not Detected	160000	Not Detected
cis-1,2-Dichloroethene	40000	Not Detected	160000	Not Detected
Chloroform	40000	Not Detected	200000	Not Detected
1,1,1-Trichloroethane	40000	Not Detected	220000	Not Detected
Carbon Tetrachloride	40000	Not Detected	260000	Not Detected
Benzene	40000	1700000	130000	5600000
1,2-Dichloroethane	40000	Not Detected	160000	Not Detected
Trichloroethene	40000	Not Detected	220000	Not Detected
1,2-Dichloropropane	40000	Not Detected	190000	Not Detected
cis-1,3-Dichloropropene	40000	Not Detected	180000	Not Detected
Toluene	40000	2000000	150000	7700000
trans-1,3-Dichloropropene	40000	Not Detected	180000	Not Detected
1,1,2-Trichloroethane	40000	Not Detected	220000	Not Detected
Tetrachloroethene	40000	Not Detected	280000	Not Detected
1,2-Dibromoethane (EDB)	40000	Not Detected	310000	Not Detected
Chlorobenzene	40000	Not Detected	190000	Not Detected
Ethyl Benzene	40000	160000	180000	700000
m,p-Xylene	40000	370000	180000	1600000
o-Xylene	40000	140000	180000	600000
Styrene	40000	Not Detected	170000	Not Detected
1,1,2,2-Tetrachloroethane	40000	Not Detected	280000	Not Detected
1,3,5-Trimethylbenzene	40000	Not Detected	200000	Not Detected
1,2,4-Trimethylbenzene	40000	40000	200000	200000
1,3-Dichlorobenzene	40000	Not Detected	240000	Not Detected
1,4-Dichlorobenzene	40000	Not Detected	240000	Not Detected
alpha-Chlorotoluene	40000	Not Detected	210000	Not Detected
1,2-Dichlorobenzene	40000	Not Detected	240000	Not Detected
1,3-Butadiene	40000	Not Detected	90000	Not Detected
Hexane	40000	2700000	140000	9600000
Cyclohexane	40000	1000000	140000	3600000
Bromodichloromethane	40000	Not Detected	270000	Not Detected
Dibromochloromethane	40000	Not Detected	350000	Not Detected
Heptane	40000	390000	170000	1600000

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-75

ID#: 0403205A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031119**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**80500**	**Date of Analysis:**	**3/11/04 09:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	40000	Not Detected	200000	Not Detected
Propylbenzene	40000	Not Detected	200000	Not Detected
Chloromethane	160000	Not Detected	340000	Not Detected
1,2,4-Trichlorobenzene	160000	Not Detected	1200000	Not Detected
Hexachlorobutadiene	160000	Not Detected	1700000	Not Detected
Acetone	160000	Not Detected	390000	Not Detected
Carbon Disulfide	160000	Not Detected	510000	Not Detected
2-Propanol	160000	Not Detected	400000	Not Detected
trans-1,2-Dichloroethene	160000	Not Detected	650000	Not Detected
Vinyl Acetate	160000	Not Detected	580000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	160000	Not Detected	480000	Not Detected
Tetrahydrofuran	160000	Not Detected	480000	Not Detected
1,4-Dioxane	160000	Not Detected	590000	Not Detected
4-Methyl-2-pentanone	160000	Not Detected	670000	Not Detected
2-Hexanone	160000	Not Detected	670000	Not Detected
Ethanol	160000	Not Detected	310000	Not Detected
Bromoform	160000	Not Detected	1700000	Not Detected
4-Ethyltoluene	160000	Not Detected	800000	Not Detected
Methyl tert-butyl ether	160000	12000000	590000	44000000
TPH ref. to Gasoline (MW=100)	800000	90000000	3300000	380000000

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	97	70-130

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-38

ID#: 0403205A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031120**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**4020**	**Date of Analysis:**	**3/11/04 10:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2000	Not Detected	10000	Not Detected
Freon 114	2000	Not Detected	14000	Not Detected
Vinyl Chloride	2000	Not Detected	5200	Not Detected
Bromomethane	2000	Not Detected	7900	Not Detected
Chloroethane	2000	Not Detected	5400	Not Detected
Freon 11	2000	Not Detected	11000	Not Detected
1,1-Dichloroethene	2000	Not Detected	8100	Not Detected
Freon 113	2000	Not Detected	16000	Not Detected
Methylene Chloride	2000	Not Detected	7100	Not Detected
1,1-Dichloroethane	2000	Not Detected	8300	Not Detected
cis-1,2-Dichloroethene	2000	Not Detected	8100	Not Detected
Chloroform	2000	Not Detected	10000	Not Detected
1,1,1-Trichloroethane	2000	Not Detected	11000	Not Detected
Carbon Tetrachloride	2000	Not Detected	13000	Not Detected
Benzene	2000	130000	6500	430000
1,2-Dichloroethane	2000	Not Detected	8300	Not Detected
Trichloroethene	2000	Not Detected	11000	Not Detected
1,2-Dichloropropane	2000	Not Detected	9400	Not Detected
cis-1,3-Dichloropropene	2000	Not Detected	9300	Not Detected
Toluene	2000	240000	7700	930000
trans-1,3-Dichloropropene	2000	Not Detected	9300	Not Detected
1,1,2-Trichloroethane	2000	Not Detected	11000	Not Detected
Tetrachloroethene	2000	Not Detected	14000	Not Detected
1,2-Dibromoethane (EDB)	2000	Not Detected	16000	Not Detected
Chlorobenzene	2000	Not Detected	9400	Not Detected
Ethyl Benzene	2000	20000	8900	91000
m,p-Xylene	2000	72000	8900	320000
o-Xylene	2000	33000	8900	140000
Styrene	2000	Not Detected	8700	Not Detected
1,1,2,2-Tetrachloroethane	2000	Not Detected	14000	Not Detected
1,3,5-Trimethylbenzene	2000	3500	10000	18000
1,2,4-Trimethylbenzene	2000	9800	10000	49000
1,3-Dichlorobenzene	2000	Not Detected	12000	Not Detected
1,4-Dichlorobenzene	2000	Not Detected	12000	Not Detected
alpha-Chlorotoluene	2000	Not Detected	10000	Not Detected
1,2-Dichlorobenzene	2000	Not Detected	12000	Not Detected
1,3-Butadiene	2000	Not Detected	4500	Not Detected
Hexane	2000	160000	7200	580000
Cyclohexane	2000	140000	7000	500000
Bromodichloromethane	2000	Not Detected	14000	Not Detected
Dibromochloromethane	2000	Not Detected	17000	Not Detected
Heptane	2000	42000	8400	180000

AIR TOXICS LTD.

SAMPLE NAME: SVE-2-38

ID#: 0403205A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031120**	**Date of Collection:**	**3/9/04**
Dil. Factor:	**4020**	**Date of Analysis:**	**3/11/04 10:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	2000	Not Detected	10000	Not Detected
Propylbenzene	2000	Not Detected	10000	Not Detected
Chloromethane	8000	Not Detected	17000	Not Detected
1,2,4-Trichlorobenzene	8000	Not Detected	61000	Not Detected
Hexachlorobutadiene	8000	Not Detected	87000	Not Detected
Acetone	8000	Not Detected	19000	Not Detected
Carbon Disulfide	8000	Not Detected	25000	Not Detected
2-Propanol	8000	Not Detected	20000	Not Detected
trans-1,2-Dichloroethene	8000	Not Detected	32000	Not Detected
Vinyl Acetate	8000	Not Detected	29000	Not Detected
2-Butanone (Methyl Ethyl Ketone)	8000	Not Detected	24000	Not Detected
Tetrahydrofuran	8000	Not Detected	24000	Not Detected
1,4-Dioxane	8000	Not Detected	29000	Not Detected
4-Methyl-2-pentanone	8000	Not Detected	33000	Not Detected
2-Hexanone	8000	Not Detected	33000	Not Detected
Ethanol	8000	Not Detected	15000	Not Detected
Bromoform	8000	Not Detected	84000	Not Detected
4-Ethyltoluene	8000	12000	40000	58000
Methyl tert-butyl ether	8000	590000	29000	2200000
TPH ref. to Gasoline (MW=100)	40000	8400000	170000	35000000

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0403205A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/04 11:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.6	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
Bromomethane	0.50	Not Detected	2.0	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Freon 113	0.50	Not Detected	3.9	Not Detected
Methylene Chloride	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Chloroform	0.50	Not Detected	2.5	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.2	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.8	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.9	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.5	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
Dibromochloromethane	0.50	Not Detected	4.3	Not Detected
Heptane	0.50	Not Detected	2.1	Not Detected

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0403205A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/04 11:13 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Cumene	0.50	Not Detected	2.5	Not Detected
Propylbenzene	0.50	Not Detected	2.5	Not Detected
Chloromethane	2.0	Not Detected	4.2	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	22	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
Carbon Disulfide	2.0	Not Detected	6.3	Not Detected
2-Propanol	2.0	Not Detected	5.0	Not Detected
trans-1,2-Dichloroethene	2.0	Not Detected	8.0	Not Detected
Vinyl Acetate	2.0	Not Detected	7.2	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	6.0	Not Detected
Tetrahydrofuran	2.0	Not Detected	6.0	Not Detected
1,4-Dioxane	2.0	Not Detected	7.3	Not Detected
4-Methyl-2-pentanone	2.0	Not Detected	8.3	Not Detected
2-Hexanone	2.0	Not Detected	8.3	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Bromoform	2.0	Not Detected	21	Not Detected
4-Ethyltoluene	2.0	Not Detected	10	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.3	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	42	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0403205A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/04 08:50 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	101
Vinyl Chloride	105
Bromomethane	103
Chloroethane	103
Freon 11	103
1,1-Dichloroethene	101
Freon 113	102
Methylene Chloride	97
1,1-Dichloroethane	102
cis-1,2-Dichloroethene	106
Chloroform	108
1,1,1-Trichloroethane	108
Carbon Tetrachloride	110
Benzene	103
1,2-Dichloroethane	107
Trichloroethene	105
1,2-Dichloropropane	104
cis-1,3-Dichloropropene	106
Toluene	104
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	105
Tetrachloroethene	106
1,2-Dibromoethane (EDB)	108
Chlorobenzene	104
Ethyl Benzene	105
m,p-Xylene	105
o-Xylene	104
Styrene	112
1,1,2,2-Tetrachloroethane	103
1,3,5-Trimethylbenzene	96
1,2,4-Trimethylbenzene	97
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	97
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	94
1,3-Butadiene	98
Hexane	100
Cyclohexane	106
Bromodichloromethane	109
Dibromochloromethane	114
Heptane	107

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0403205A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/04 08:50 AM**	

Compound	%Recovery
Cumene	103
Propylbenzene	103
Chloromethane	104
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	92
Acetone	91
Carbon Disulfide	100
2-Propanol	98
trans-1,2-Dichloroethene	96
Vinyl Acetate	104
2-Butanone (Methyl Ethyl Ketone)	106
Tetrahydrofuran	104
1,4-Dioxane	101
4-Methyl-2-pentanone	110
2-Hexanone	100
Ethanol	98
Bromoform	113
4-Ethyltoluene	106
Methyl tert-butyl ether	101
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0403205A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/04 09:39 AM**	

Compound	%Recovery
Freon 12	95
Freon 114	98
Vinyl Chloride	94
Bromomethane	95
Chloroethane	104
Freon 11	99
1,1-Dichloroethene	95
Freon 113	93
Methylene Chloride	85
1,1-Dichloroethane	95
cis-1,2-Dichloroethene	96
Chloroform	102
1,1,1-Trichloroethane	110
Carbon Tetrachloride	108
Benzene	105
1,2-Dichloroethane	108
Trichloroethene	105
1,2-Dichloropropane	106
cis-1,3-Dichloropropene	103
Toluene	95
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	99
Tetrachloroethene	98
1,2-Dibromoethane (EDB)	92
Chlorobenzene	93
Ethyl Benzene	92
m,p-Xylene	90
o-Xylene	88
Styrene	91
1,1,2,2-Tetrachloroethane	93
1,3,5-Trimethylbenzene	77
1,2,4-Trimethylbenzene	72
1,3-Dichlorobenzene	83
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	79
1,3-Butadiene	88
Hexane	81
Cyclohexane	86
Bromodichloromethane	80
Dibromochloromethane	82
Heptane	86

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0403205A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**i031103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 3/11/04 09:39 AM**	

Compound	**%Recovery**
Cumene	79
Propylbenzene	57 Q
Chloromethane	86
1,2,4-Trichlorobenzene	66 Q
Hexachlorobutadiene	62 Q
Acetone	76
Carbon Disulfide	80
2-Propanol	90
trans-1,2-Dichloroethene	77
Vinyl Acetate	88
2-Butanone (Methyl Ethyl Ketone)	82
Tetrahydrofuran	86
1,4-Dioxane	98
4-Methyl-2-pentanone	95
2-Hexanone	92
Ethanol	104
Bromoform	78
4-Ethyltoluene	96
Methyl tert-butyl ether	68
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

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- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404258

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 Silvercroft Wash
DATE RECEIVED:	4/15/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/22/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
02A	MW-9	Mod. Method TO-15	3.5 "Hg
02B	MW-9	Mod. Method TO-15	3.5 "Hg
04A	VMW-1-75	Mod. Method TO-15	3.5 "Hg
06A	MW-8	Mod. Method TO-15	4.0 "Hg
06B	MW-8	Mod. Method TO-15	4.0 "Hg
08A	MW-6	Mod. Method TO-15	4.0 "Hg
09A	MW-2	Mod. Method TO-15	3.5 "Hg
09B	MW-2	Mod. Method TO-15	3.5 "Hg
10A	MW-1	Mod. Method TO-15	3.5 "Hg
10B	MW-1	Mod. Method TO-15	3.5 "Hg
11A	MW-7	Mod. Method TO-15	3.5 "Hg
12A	Lab Blank	Mod. Method TO-15	NA
12B	Lab Blank	Mod. Method TO-15	NA
12C	Lab Blank	Mod. Method TO-15	NA
13A	CCV	Mod. Method TO-15	NA
13B	CCV	Mod. Method TO-15	NA
13C	CCV	Mod. Method TO-15	NA
14A	LCS	Mod. Method TO-15	NA
14B	LCS	Mod. Method TO-15	NA
14C	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 04/22/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404258

Seven 1 Liter Silonite Canister (100% Certified) samples were received on April 15, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

By client request, samples MW-9, MW-8, MW-2 and MW-1 were analyzed twice to accurately determine high-level compounds and acheive lower reporting limits for Trichloroethene and Tetrachloroethene. Both analyses and associated QC are reported.

The daily calibration standard (CCV) analyzed on April 16, 2004 did not meet method required acceptance criteria of 70-130% recovery for Bromomethane. Recovery was high and no hits were

detected in the associated samples. There was no impact on sample results.

Dilution was performed on samples VMW-1-40 and MW-7 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: MW-9

ID#: 0404258-02A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041531**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**12.2**	**Date of Analysis:**	**4/15/04 09:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	61	Not Detected	310	Not Detected
Freon 113	61	Not Detected	480	Not Detected
Chloroform	61	Not Detected	300	Not Detected
1,1,1-Trichloroethane	61	Not Detected	340	Not Detected
Carbon Tetrachloride	61	Not Detected	390	Not Detected
1,1-Dichloroethene	61	Not Detected	240	Not Detected
trans-1,2-Dichloroethene	61	Not Detected	240	Not Detected
cis-1,2-Dichloroethene	61	Not Detected	240	Not Detected
Benzene	61	10000	200	34000
Toluene	61	15000	230	57000
Ethyl Benzene	61	1800	270	8100
m,p-Xylene	61	12000	270	52000
o-Xylene	61	4300	270	19000
Vinyl Chloride	61	Not Detected	160	Not Detected
1,1-Dichloroethane	61	Not Detected	250	Not Detected
Chlorobenzene	61	Not Detected	280	Not Detected
Methylene Chloride	61	Not Detected	220	Not Detected
Freon 11	61	Not Detected	350	Not Detected
Chloromethane	61	Not Detected	130	Not Detected
1,2-Dichloroethane	61	Not Detected	250	Not Detected
Freon 114	61	Not Detected	430	Not Detected
Bromomethane	61	Not Detected	240	Not Detected
Chloroethane	61	Not Detected	160	Not Detected
2-Propanol	61	Not Detected	150	Not Detected
Methyl tert-butyl ether	61	2800	220	10000
1,2-Dichloropropane	61	Not Detected	290	Not Detected
1,1,2-Trichloroethane	61	Not Detected	340	Not Detected
1,3,5-Trimethylbenzene	61	1800	300	8900
1,2,4-Trimethylbenzene	61	2900	300	14000
1,3-Dichlorobenzene	61	Not Detected	370	Not Detected
1,4-Dichlorobenzene	61	Not Detected	370	Not Detected
1,2-Dichlorobenzene	61	Not Detected	370	Not Detected
1,2-Dibromoethane (EDB)	61	Not Detected	480	Not Detected
1,1,2,2-Tetrachloroethane	61	Not Detected	420	Not Detected
TPH ref. to Gasoline (MW=100)	1200	7500000	5100	31000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	77	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-9

ID#: 0404258-02B

MODIFIED TO-15 GC/MS

File Name:	**e042010**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**7.60**	**Date of Analysis:**	**4/20/04 02:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	38	Not Detected	210	Not Detected
Tetrachloroethene	38	63	260	430

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	86	70-130

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-75

ID#: 0404258-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041617**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/16/04 05:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.6	66	38	330
Freon 113	7.6	Not Detected	59	Not Detected
Chloroform	7.6	Not Detected	38	Not Detected
1,1,1-Trichloroethane	7.6	Not Detected	42	Not Detected
Carbon Tetrachloride	7.6	Not Detected	49	Not Detected
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	32	52	220
1,1-Dichloroethene	7.6	Not Detected	31	Not Detected
trans-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
cis-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
Benzene	7.6	370	25	1200
Toluene	7.6	730	29	2800
Ethyl Benzene	7.6	190	34	850
m,p-Xylene	7.6	940	34	4200
o-Xylene	7.6	410	34	1800
Vinyl Chloride	7.6	Not Detected	20	Not Detected
1,1-Dichloroethane	7.6	Not Detected	31	Not Detected
Chlorobenzene	7.6	Not Detected	36	Not Detected
Methylene Chloride	7.6	Not Detected	27	Not Detected
Freon 11	7.6	Not Detected	43	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
1,2-Dichloroethane	7.6	Not Detected	31	Not Detected
Freon 114	7.6	Not Detected	54	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	7.6	Not Detected	20	Not Detected
2-Propanol	7.6	Not Detected	19	Not Detected
Methyl tert-butyl ether	7.6	45	28	160
1,2-Dichloropropane	7.6	Not Detected	36	Not Detected
1,1,2-Trichloroethane	7.6	Not Detected	42	Not Detected
1,3,5-Trimethylbenzene	7.6	200	38	980
1,2,4-Trimethylbenzene	7.6	320	38	1600
1,3-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,4-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dibromoethane (EDB)	7.6	Not Detected	59	Not Detected
1,1,2,2-Tetrachloroethane	7.6	Not Detected	53	Not Detected
TPH ref. to Gasoline (MW=100)	150	460000	630	1900000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-75

ID#: 0404258-04A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041617**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/16/04 05:57 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-8

ID#: 0404258-06A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041609**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**4.13**	**Date of Analysis:**	**4/16/04 01:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	21	Not Detected	100	Not Detected
Freon 113	21	Not Detected	160	Not Detected
Chloroform	21	Not Detected	100	Not Detected
1,1,1-Trichloroethane	21	Not Detected	110	Not Detected
Carbon Tetrachloride	21	Not Detected	130	Not Detected
1,1-Dichloroethene	21	Not Detected	83	Not Detected
trans-1,2-Dichloroethene	21	Not Detected	83	Not Detected
cis-1,2-Dichloroethene	21	Not Detected	83	Not Detected
Benzene	21	5200	67	17000
Toluene	21	12000	79	44000
Ethyl Benzene	21	1600	91	7100
m,p-Xylene	21	18000	91	79000
o-Xylene	21	7100	91	31000
Vinyl Chloride	21	Not Detected	54	Not Detected
1,1-Dichloroethane	21	Not Detected	85	Not Detected
Chlorobenzene	21	Not Detected	97	Not Detected
Methylene Chloride	21	Not Detected	73	Not Detected
Freon 11	21	Not Detected	120	Not Detected
Chloromethane	21	Not Detected	43	Not Detected
1,2-Dichloroethane	21	Not Detected	85	Not Detected
Freon 114	21	Not Detected	150	Not Detected
Bromomethane	21	Not Detected	82	Not Detected
Chloroethane	21	Not Detected	55	Not Detected
2-Propanol	21	Not Detected	52	Not Detected
Methyl tert-butyl ether	21	3600	76	13000
1,2-Dichloropropane	21	Not Detected	97	Not Detected
1,1,2-Trichloroethane	21	Not Detected	110	Not Detected
1,3,5-Trimethylbenzene	21	2800	100	14000
1,2,4-Trimethylbenzene	21	4500	100	23000
1,3-Dichlorobenzene	21	Not Detected	130	Not Detected
1,4-Dichlorobenzene	21	Not Detected	130	Not Detected
1,2-Dichlorobenzene	21	Not Detected	130	Not Detected
1,2-Dibromoethane (EDB)	21	Not Detected	160	Not Detected
1,1,2,2-Tetrachloroethane	21	Not Detected	140	Not Detected
TPH ref. to Gasoline (MW=100)	410	1500000	1700	6100000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	89	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-8

ID#: 0404258-06B

MODIFIED TO-15 GC/MS

File Name:	**e041542**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.94**	**Date of Analysis:**	**4/16/04 03:04 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	9.7	Not Detected	53	Not Detected
Tetrachloroethene	9.7	12	67	80

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	73	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-6

ID#: 0404258-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041544**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.94**	**Date of Analysis:**	**4/16/04 04:08 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.7	16	49	81
Freon 113	9.7	Not Detected	76	Not Detected
Chloroform	9.7	Not Detected	48	Not Detected
1,1,1-Trichloroethane	9.7	Not Detected	54	Not Detected
Carbon Tetrachloride	9.7	Not Detected	62	Not Detected
Trichloroethene	9.7	Not Detected	53	Not Detected
Tetrachloroethene	9.7	130	67	900
1,1-Dichloroethene	9.7	Not Detected	39	Not Detected
trans-1,2-Dichloroethene	9.7	Not Detected	39	Not Detected
cis-1,2-Dichloroethene	9.7	Not Detected	39	Not Detected
Benzene	9.7	5700	31	18000
Toluene	9.7	8900	37	34000
Ethyl Benzene	9.7	1300	43	5900
m,p-Xylene	9.7	4000	43	18000
o-Xylene	9.7	1700	43	7700
Vinyl Chloride	9.7	Not Detected	25	Not Detected
1,1-Dichloroethane	9.7	Not Detected	40	Not Detected
Chlorobenzene	9.7	Not Detected	45	Not Detected
Methylene Chloride	9.7	Not Detected	34	Not Detected
Freon 11	9.7	Not Detected	55	Not Detected
Chloromethane	9.7	Not Detected	20	Not Detected
1,2-Dichloroethane	9.7	Not Detected	40	Not Detected
Freon 114	9.7	Not Detected	69	Not Detected
Bromomethane	9.7	Not Detected	38	Not Detected
Chloroethane	9.7	Not Detected	26	Not Detected
2-Propanol	9.7	Not Detected	24	Not Detected
Methyl tert-butyl ether	9.7	910	36	3300
1,2-Dichloropropane	9.7	Not Detected	46	Not Detected
1,1,2-Trichloroethane	9.7	Not Detected	54	Not Detected
1,3,5-Trimethylbenzene	9.7	580	48	2900
1,2,4-Trimethylbenzene	9.7	1100	48	5300
1,3-Dichlorobenzene	9.7	Not Detected	59	Not Detected
1,4-Dichlorobenzene	9.7	Not Detected	59	Not Detected
1,2-Dichlorobenzene	9.7	Not Detected	59	Not Detected
1,2-Dibromoethane (EDB)	9.7	Not Detected	76	Not Detected
1,1,2,2-Tetrachloroethane	9.7	Not Detected	68	Not Detected
TPH ref. to Gasoline (MW=100)	190	2000000	810	8200000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: MW-6

ID#: 0404258-08A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041544**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.94**	**Date of Analysis:**	**4/16/04 04:08 AM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	70	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-2

ID#: 0404258-09A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041616**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**20.3**	**Date of Analysis:**	**4/16/04 05:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	100	Not Detected	510	Not Detected
Freon 113	100	Not Detected	790	Not Detected
Chloroform	100	Not Detected	500	Not Detected
1,1,1-Trichloroethane	100	Not Detected	560	Not Detected
Carbon Tetrachloride	100	Not Detected	650	Not Detected
1,1-Dichloroethene	100	Not Detected	410	Not Detected
trans-1,2-Dichloroethene	100	Not Detected	410	Not Detected
cis-1,2-Dichloroethene	100	Not Detected	410	Not Detected
Benzene	100	24000	330	79000
Toluene	100	76000	390	290000
Ethyl Benzene	100	18000	450	81000
m,p-Xylene	100	82000	450	360000
o-Xylene	100	30000	450	130000
Vinyl Chloride	100	Not Detected	260	Not Detected
1,1-Dichloroethane	100	Not Detected	420	Not Detected
Chlorobenzene	100	Not Detected	470	Not Detected
Methylene Chloride	100	Not Detected	360	Not Detected
Freon 11	100	Not Detected	580	Not Detected
Chloromethane	100	Not Detected	210	Not Detected
1,2-Dichloroethane	100	Not Detected	420	Not Detected
Freon 114	100	Not Detected	720	Not Detected
Bromomethane	100	Not Detected	400	Not Detected
Chloroethane	100	Not Detected	270	Not Detected
2-Propanol	100	Not Detected	250	Not Detected
Methyl tert-butyl ether	100	83000	370	300000
1,2-Dichloropropane	100	Not Detected	480	Not Detected
1,1,2-Trichloroethane	100	Not Detected	560	Not Detected
1,3,5-Trimethylbenzene	100	12000	510	60000
1,2,4-Trimethylbenzene	100	27000	510	140000
1,3-Dichlorobenzene	100	Not Detected	620	Not Detected
1,4-Dichlorobenzene	100	Not Detected	620	Not Detected
1,2-Dichlorobenzene	100	Not Detected	620	Not Detected
1,2-Dibromoethane (EDB)	100	Not Detected	790	Not Detected
1,1,2,2-Tetrachloroethane	100	Not Detected	710	Not Detected
TPH ref. to Gasoline (MW=100)	2000	1900000	8400	7900000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-2

ID#: 0404258-09B

MODIFIED TO-15 GC/MS

File Name:	**e042015**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/20/04 04:44 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	Not Detected	52	Not Detected

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-1

ID#: 0404258-10A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041612**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**122**	**Date of Analysis:**	**4/16/04 03:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	610	Not Detected	3100	Not Detected
Freon 113	610	Not Detected	4800	Not Detected
Chloroform	610	Not Detected	3000	Not Detected
1,1,1-Trichloroethane	610	Not Detected	3400	Not Detected
Carbon Tetrachloride	610	Not Detected	3900	Not Detected
1,1-Dichloroethene	610	Not Detected	2400	Not Detected
trans-1,2-Dichloroethene	610	Not Detected	2400	Not Detected
cis-1,2-Dichloroethene	610	Not Detected	2400	Not Detected
Benzene	610	85000	2000	270000
Toluene	610	160000	2300	620000
Ethyl Benzene	610	21000	2700	94000
m,p-Xylene	610	70000	2700	310000
o-Xylene	610	24000	2700	100000
Vinyl Chloride	610	Not Detected	1600	Not Detected
1,1-Dichloroethane	610	Not Detected	2500	Not Detected
Chlorobenzene	610	Not Detected	2800	Not Detected
Methylene Chloride	610	Not Detected	2200	Not Detected
Freon 11	610	Not Detected	3500	Not Detected
Chloromethane	610	Not Detected	1300	Not Detected
1,2-Dichloroethane	610	Not Detected	2500	Not Detected
Freon 114	610	Not Detected	4300	Not Detected
Bromomethane	610	Not Detected	2400	Not Detected
Chloroethane	610	Not Detected	1600	Not Detected
2-Propanol	610	Not Detected	1500	Not Detected
Methyl tert-butyl ether	610	450000	2200	1600000
1,2-Dichloropropane	610	Not Detected	2900	Not Detected
1,1,2-Trichloroethane	610	Not Detected	3400	Not Detected
1,3,5-Trimethylbenzene	610	7200	3000	36000
1,2,4-Trimethylbenzene	610	15000	3000	74000
1,3-Dichlorobenzene	610	Not Detected	3700	Not Detected
1,4-Dichlorobenzene	610	Not Detected	3700	Not Detected
1,2-Dichlorobenzene	610	Not Detected	3700	Not Detected
1,2-Dibromoethane (EDB)	610	Not Detected	4800	Not Detected
1,1,2,2-Tetrachloroethane	610	Not Detected	4200	Not Detected
TPH ref. to Gasoline (MW=100)	12000	3800000	51000	16000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-1

ID#: 0404258-10B

MODIFIED TO-15 GC/MS

File Name:	**e042014**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/20/04 04:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	Not Detected	52	Not Detected

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-7

ID#: 0404258-11A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041536**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**6.76**	**Date of Analysis:**	**4/15/04 11:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	34	130	170	650
Freon 113	34	Not Detected	260	Not Detected
Chloroform	34	Not Detected	170	Not Detected
1,1,1-Trichloroethane	34	Not Detected	190	Not Detected
Carbon Tetrachloride	34	Not Detected	220	Not Detected
Trichloroethene	34	Not Detected	180	Not Detected
Tetrachloroethene	34	140	230	980
1,1-Dichloroethene	34	Not Detected	140	Not Detected
trans-1,2-Dichloroethene	34	Not Detected	140	Not Detected
cis-1,2-Dichloroethene	34	Not Detected	140	Not Detected
Benzene	34	670	110	2200
Toluene	34	2300	130	8800
Ethyl Benzene	34	540	150	2400
m,p-Xylene	34	2000	150	8700
o-Xylene	34	620	150	2700
Vinyl Chloride	34	Not Detected	88	Not Detected
1,1-Dichloroethane	34	Not Detected	140	Not Detected
Chlorobenzene	34	Not Detected	160	Not Detected
Methylene Chloride	34	Not Detected	120	Not Detected
Freon 11	34	Not Detected	190	Not Detected
Chloromethane	34	Not Detected	71	Not Detected
1,2-Dichloroethane	34	Not Detected	140	Not Detected
Freon 114	34	Not Detected	240	Not Detected
Bromomethane	34	Not Detected	130	Not Detected
Chloroethane	34	Not Detected	91	Not Detected
2-Propanol	34	Not Detected	84	Not Detected
Methyl tert-butyl ether	34	Not Detected	120	Not Detected
1,2-Dichloropropane	34	Not Detected	160	Not Detected
1,1,2-Trichloroethane	34	Not Detected	190	Not Detected
1,3,5-Trimethylbenzene	34	280	170	1400
1,2,4-Trimethylbenzene	34	620	170	3100
1,3-Dichlorobenzene	34	Not Detected	210	Not Detected
1,4-Dichlorobenzene	34	Not Detected	210	Not Detected
1,2-Dichlorobenzene	34	Not Detected	210	Not Detected
1,2-Dibromoethane (EDB)	34	Not Detected	260	Not Detected
1,1,2,2-Tetrachloroethane	34	Not Detected	240	Not Detected
TPH ref. to Gasoline (MW=100)	680	3400000	2800	14000000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: MW-7

ID#: 0404258-11A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041536**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**6.76**	**Date of Analysis:**	**4/15/04 11:57 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	78	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258-12A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 08:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258-12A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 08:11 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258-12B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 12:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258-12B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 12:12 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258-12C

MODIFIED TO-15 GC/MS

File Name:	**e042008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 01:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258-13A

MODIFIED TO-15 GC/MS

File Name:	**e041502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:17 AM**	

Compound	%Recovery
Freon 12	95
Freon 113	102
Chloroform	99
1,1,1-Trichloroethane	96
Carbon Tetrachloride	106
Trichloroethene	100
Tetrachloroethene	100
1,1-Dichloroethene	102
trans-1,2-Dichloroethene	98
cis-1,2-Dichloroethene	100
Benzene	100
Toluene	103
Ethyl Benzene	98
m,p-Xylene	110
o-Xylene	93
Vinyl Chloride	91
1,1-Dichloroethane	94
Chlorobenzene	93
Methylene Chloride	94
Freon 11	100
Chloromethane	76
1,2-Dichloroethane	99
Freon 114	96
Bromomethane	102
Chloroethane	80
2-Propanol	86
Methyl tert-butyl ether	80
1,2-Dichloropropane	102
1,1,2-Trichloroethane	99
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	89
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	87
1,2-Dichlorobenzene	88
1,2-Dibromoethane (EDB)	96
1,1,2,2-Tetrachloroethane	97

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258-13A

MODIFIED TO-15 GC/MS

File Name:	**e041502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:17 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258-13B

MODIFIED TO-15 GC/MS

File Name:	**e041604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:22 AM**	

Compound	%Recovery
Freon 12	106
Freon 113	122
Chloroform	96
1,1,1-Trichloroethane	97
Carbon Tetrachloride	91
Trichloroethene	102
Tetrachloroethene	107
1,1-Dichloroethene	115
trans-1,2-Dichloroethene	108
cis-1,2-Dichloroethene	110
Benzene	112
Toluene	109
Ethyl Benzene	108
m,p-Xylene	123
o-Xylene	108
Vinyl Chloride	117
1,1-Dichloroethane	107
Chlorobenzene	99
Methylene Chloride	113
Freon 11	103
Chloromethane	108
1,2-Dichloroethane	93
Freon 114	127
Bromomethane	131 Q
Chloroethane	114
2-Propanol	126
Methyl tert-butyl ether	96
1,2-Dichloropropane	114
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	124
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	107
1,2-Dibromoethane (EDB)	104
1,1,2,2-Tetrachloroethane	116

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258-13B

MODIFIED TO-15 GC/MS

File Name:	**e041604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:22 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258-13C

MODIFIED TO-15 GC/MS

File Name:	**e042005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 11:45 AM**	

Compound	**%Recovery**
Trichloroethene	101
Tetrachloroethene	108

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258-14A

MODIFIED TO-15 GC/MS

File Name:	**e041503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:43 AM**	

Compound	%Recovery
Freon 12	104
Freon 113	99
Chloroform	95
1,1,1-Trichloroethane	98
Carbon Tetrachloride	111
Trichloroethene	107
Tetrachloroethene	107
1,1-Dichloroethene	104
trans-1,2-Dichloroethene	91
cis-1,2-Dichloroethene	97
Benzene	109
Toluene	112
Ethyl Benzene	111
m,p-Xylene	115
o-Xylene	98
Vinyl Chloride	103
1,1-Dichloroethane	89
Chlorobenzene	99
Methylene Chloride	93
Freon 11	110
Chloromethane	90
1,2-Dichloroethane	99
Freon 114	107
Bromomethane	119
Chloroethane	91
2-Propanol	88
Methyl tert-butyl ether	69 Q
1,2-Dichloropropane	99
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	100
1,2-Dichlorobenzene	112
1,2-Dibromoethane (EDB)	94
1,1,2,2-Tetrachloroethane	108

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258-14A

MODIFIED TO-15 GC/MS

File Name:	**e041503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:43 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258-14B

MODIFIED TO-15 GC/MS

File Name:	**e041605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:47 AM**	

Compound	%Recovery
Freon 12	106
Freon 113	108
Chloroform	92
1,1,1-Trichloroethane	95
Carbon Tetrachloride	94
Trichloroethene	104
Tetrachloroethene	109
1,1-Dichloroethene	108
trans-1,2-Dichloroethene	98
cis-1,2-Dichloroethene	103
Benzene	115
Toluene	118
Ethyl Benzene	116
m,p-Xylene	119
o-Xylene	105
Vinyl Chloride	124
1,1-Dichloroethane	94
Chlorobenzene	102
Methylene Chloride	104
Freon 11	102
Chloromethane	108
1,2-Dichloroethane	91
Freon 114	120
Bromomethane	148 Q
Chloroethane	113
2-Propanol	114
Methyl tert-butyl ether	86
1,2-Dichloropropane	106
1,1,2-Trichloroethane	110
1,3,5-Trimethylbenzene	114
1,2,4-Trimethylbenzene	93
1,3-Dichlorobenzene	120
1,4-Dichlorobenzene	102
1,2-Dichlorobenzene	114
1,2-Dibromoethane (EDB)	93
1,1,2,2-Tetrachloroethane	119

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258-14B

MODIFIED TO-15 GC/MS

File Name:	**e041605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:47 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258-14C

MODIFIED TO-15 GC/MS

File Name:	**e042007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 12:44 PM**	

Compound	**%Recovery**
Trichloroethene	105
Tetrachloroethene	119

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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E-mail to:samplereceiving@airtoxics.com

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404258A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 Silvercroft Wash
DATE RECEIVED:	4/15/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/23/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	MW-10	Mod. Method TO-15	3.5 "Hg
01B	MW-10	Mod. Method TO-15	3.5 "Hg
03A	VMW-1-40	Mod. Method TO-15	3.5 "Hg
03AA	VMW-1-40 Duplicate	Mod. Method TO-15	3.5 "Hg
05A	VMW-1-120	Mod. Method TO-15	3.5 "Hg
05B	VMW-1-120	Mod. Method TO-15	3.5 "Hg
07A	MW-8DD	Mod. Method TO-15	4.0 "Hg
07B	MW-8DD	Mod. Method TO-15	4.0 "Hg
12A	MW-17	Mod. Method TO-15	3.5 "Hg
12B	MW-17	Mod. Method TO-15	3.5 "Hg
13A	MW-19	Mod. Method TO-15	3.5 "Hg
13B	MW-19	Mod. Method TO-15	3.5 "Hg
14A	MW-20	Mod. Method TO-15	3.5 "Hg
14B	MW-20	Mod. Method TO-15	3.5 "Hg
15A	Lab Blank	Mod. Method TO-15	NA
15B	Lab Blank	Mod. Method TO-15	NA
15C	Lab Blank	Mod. Method TO-15	NA
15D	Lab Blank	Mod. Method TO-15	NA
16A	CCV	Mod. Method TO-15	NA
16B	CCV	Mod. Method TO-15	NA

Continued on next page

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0404258A

Work Order Summary

CLIENT:	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260	**BILL TO:**	Mr. Ned Overs LFR Levine-Fricke 13880 N. Northsight Blvd. Suite 115 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-06-005 Silvercroft Wash
DATE RECEIVED:	4/15/2004	**CONTACT:**	Taryn Badal
DATE COMPLETED:	4/23/2004		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
16C	CCV	Mod. Method TO-15	NA
16D	CCV	Mod. Method TO-15	NA
17A	LCS	Mod. Method TO-15	NA
17B	LCS	Mod. Method TO-15	NA
17C	LCS	Mod. Method TO-15	NA
17D	LCS	Mod. Method TO-15	NA

CERTIFIED BY: Linda L. Freeman

Laboratory Director

DATE: 04/23/04

Certfication numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/03, Expiration date: 06/30/04
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Mod. Method TO-15
LFR Levine-Fricke
Workorder# 0404258A

Seven 1 Liter Silonite Canister (100% Certified) samples were received on April 15, 2004. The laboratory performed the analysis via Modified Method TO-15 using GC/MS in the full scan mode. The method involves direct injection of up to a 40 mL sample aliquot into a vapor management system. Following dehumidification the sample passes directly into the GC/MS for analysis. See the data sheets for the reporting limits of each compound.

Requirement	***TO-14A/TO-15***	***ATL Modifications***
Concentration of IS Spike	10 ppbv (TO-15)	500 ppbv
BFB Acceptance Criteria	CLP protocol (TO-15)	SW-846 protocol
Sampling Drying System	Nafion Dryer (TO-14A)	Multisorbent concentrator
Blank acceptance criteria	< 0.2 ppbv (TO-14A)	< RL.
IS Recovery	TO-15: Within 40 % of mean over ICAL for blanks, and w/in 40 % of daily CCV for samples	Within 40 % of CCV recovery for blank and samples.
Sample volume	Up to 400 mL (TO-14A)	Up to 40 mLs
Initial Calibration	</= 30 % RSD (TO-14A)	</= 30 % RSD with 2 compounds allowed out to < 40 % RSD.
Primary Ions for Quantification	Freon 114: 85, Carbon Tetrachloride: 117, Trichloroethene: 130, Ethyl Benzene, m,p- and o-Xylene: 91	Freon 114: 135, Carbon Tetrachloride: 119, Trichloroethene: 95, Ethyl Benzene, m,p- and o-Xylene: 106
Daily CCV	</= 30 % D	</= 30 % D with 2 allowed out up to 40%; flag associated sample results.
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Dilutions for Initial Calibration	Dynamic dilutions or static using canisters.	Syringe dilutions, bag dilutions.
BFB Tune Absolute Abundance Criteria	Within 10% of that from the previous day.	CCV Internal Standard area counts are compared to ICAL, corrective action for > 40 %D.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The daily calibration standard (CCV) analyzed on April 16, 2004 did not meet method required acceptance criteria of 70-130% recovery for Bromomethane. Recovery was high and no hits were detected in the associated samples. There was no impact on sample results.

By client request, samples MW-10, VMW-1-120, MW-8DD, MW-17, MW-19 and MW-20 were analyzed twice to accurately determine high-level compounds and acheive lower reporting limits for

Trichloroethene and Tetrachloroethene. Both analyses and associated QC are reported.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.

SAMPLE NAME: MW-10

ID#: 0404258A-01A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041607**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**17.4**	**Date of Analysis:**	**4/16/04 12:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	87	Not Detected	440	Not Detected
Freon 113	87	Not Detected	680	Not Detected
Chloroform	87	Not Detected	430	Not Detected
1,1,1-Trichloroethane	87	Not Detected	480	Not Detected
Carbon Tetrachloride	87	Not Detected	560	Not Detected
1,1-Dichloroethene	87	Not Detected	350	Not Detected
trans-1,2-Dichloroethene	87	Not Detected	350	Not Detected
cis-1,2-Dichloroethene	87	Not Detected	350	Not Detected
Benzene	87	12000	280	38000
Toluene	87	68000	330	260000
Ethyl Benzene	87	22000	380	95000
m,p-Xylene	87	81000	380	360000
o-Xylene	87	39000	380	170000
Vinyl Chloride	87	Not Detected	230	Not Detected
1,1-Dichloroethane	87	Not Detected	360	Not Detected
Chlorobenzene	87	Not Detected	410	Not Detected
Methylene Chloride	87	Not Detected	310	Not Detected
Freon 11	87	Not Detected	500	Not Detected
Chloromethane	87	Not Detected	180	Not Detected
1,2-Dichloroethane	87	Not Detected	360	Not Detected
Freon 114	87	Not Detected	620	Not Detected
Bromomethane	87	Not Detected	340	Not Detected
Chloroethane	87	Not Detected	230	Not Detected
2-Propanol	87	Not Detected	220	Not Detected
Methyl tert-butyl ether	87	11000	320	41000
1,2-Dichloropropane	87	Not Detected	410	Not Detected
1,1,2-Trichloroethane	87	Not Detected	480	Not Detected
1,3,5-Trimethylbenzene	87	15000	430	75000
1,2,4-Trimethylbenzene	87	28000	430	140000
1,3-Dichlorobenzene	87	Not Detected	530	Not Detected
1,4-Dichlorobenzene	87	Not Detected	530	Not Detected
1,2-Dichlorobenzene	87	Not Detected	530	Not Detected
1,2-Dibromoethane (EDB)	87	Not Detected	680	Not Detected
1,1,2,2-Tetrachloroethane	87	Not Detected	610	Not Detected
TPH ref. to Gasoline (MW=100)	1700	6000000	7200	25000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-10

ID#: 0404258A-01B

MODIFIED TO-15 GC/MS

File Name:	**e042308**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**4.05**	**Date of Analysis:**	**4/23/04 11:31 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	20	Not Detected	110	Not Detected
Tetrachloroethene	20	33	140	230

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-40

ID#: 0404258A-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041620**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/16/04 09:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.6	37	38	180
Freon 113	7.6	Not Detected	59	Not Detected
Chloroform	7.6	Not Detected	38	Not Detected
1,1,1-Trichloroethane	7.6	Not Detected	42	Not Detected
Carbon Tetrachloride	7.6	Not Detected	49	Not Detected
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	14	52	100
1,1-Dichloroethene	7.6	Not Detected	31	Not Detected
trans-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
cis-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
Benzene	7.6	100	25	340
Toluene	7.6	700	29	2700
Ethyl Benzene	7.6	250	34	1100
m,p-Xylene	7.6	1000	34	4600
o-Xylene	7.6	510	34	2300
Vinyl Chloride	7.6	Not Detected	20	Not Detected
1,1-Dichloroethane	7.6	Not Detected	31	Not Detected
Chlorobenzene	7.6	Not Detected	36	Not Detected
Methylene Chloride	7.6	Not Detected	27	Not Detected
Freon 11	7.6	Not Detected	43	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
1,2-Dichloroethane	7.6	Not Detected	31	Not Detected
Freon 114	7.6	Not Detected	54	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	7.6	Not Detected	20	Not Detected
2-Propanol	7.6	Not Detected	19	Not Detected
Methyl tert-butyl ether	7.6	49	28	180
1,2-Dichloropropane	7.6	Not Detected	36	Not Detected
1,1,2-Trichloroethane	7.6	Not Detected	42	Not Detected
1,3,5-Trimethylbenzene	7.6	230	38	1200
1,2,4-Trimethylbenzene	7.6	420	38	2100
1,3-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,4-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dibromoethane (EDB)	7.6	Not Detected	59	Not Detected
1,1,2,2-Tetrachloroethane	7.6	Not Detected	53	Not Detected
TPH ref. to Gasoline (MW=100)	150	21000	630	86000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-40

ID#: 0404258A-03A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041620**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/16/04 09:49 PM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-40 Duplicate

ID#: 0404258A-03AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042305**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/23/04 10:00 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	7.6	39	38	200
Freon 113	7.6	Not Detected	59	Not Detected
Chloroform	7.6	Not Detected	38	Not Detected
1,1,1-Trichloroethane	7.6	Not Detected	42	Not Detected
Carbon Tetrachloride	7.6	Not Detected	49	Not Detected
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	17	52	120
1,1-Dichloroethene	7.6	Not Detected	31	Not Detected
trans-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
cis-1,2-Dichloroethene	7.6	Not Detected	31	Not Detected
Benzene	7.6	100	25	340
Toluene	7.6	710	29	2700
Ethyl Benzene	7.6	260	34	1100
m,p-Xylene	7.6	1100	34	5000
o-Xylene	7.6	540	34	2400
Vinyl Chloride	7.6	Not Detected	20	Not Detected
1,1-Dichloroethane	7.6	Not Detected	31	Not Detected
Chlorobenzene	7.6	Not Detected	36	Not Detected
Methylene Chloride	7.6	Not Detected	27	Not Detected
Freon 11	7.6	Not Detected	43	Not Detected
Chloromethane	7.6	Not Detected	16	Not Detected
1,2-Dichloroethane	7.6	Not Detected	31	Not Detected
Freon 114	7.6	Not Detected	54	Not Detected
Bromomethane	7.6	Not Detected	30	Not Detected
Chloroethane	7.6	Not Detected	20	Not Detected
2-Propanol	7.6	Not Detected	19	Not Detected
Methyl tert-butyl ether	7.6	42	28	160
1,2-Dichloropropane	7.6	Not Detected	36	Not Detected
1,1,2-Trichloroethane	7.6	Not Detected	42	Not Detected
1,3,5-Trimethylbenzene	7.6	240	38	1200
1,2,4-Trimethylbenzene	7.6	460	38	2300
1,3-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,4-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dichlorobenzene	7.6	Not Detected	46	Not Detected
1,2-Dibromoethane (EDB)	7.6	Not Detected	59	Not Detected
1,1,2,2-Tetrachloroethane	7.6	Not Detected	53	Not Detected
TPH ref. to Gasoline (MW=100)	150	15000	630	64000

Container Type: 1 Liter Silonite Canister (100% Certified)

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-40 Duplicate

ID#: 0404258A-03AA

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042305**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/23/04 10:00 AM**

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-120

ID#: 0404258A-05A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041533**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**5.07**	**Date of Analysis:**	**4/15/04 10:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	25	Not Detected	130	Not Detected
Freon 113	25	Not Detected	200	Not Detected
Chloroform	25	Not Detected	120	Not Detected
1,1,1-Trichloroethane	25	Not Detected	140	Not Detected
Carbon Tetrachloride	25	Not Detected	160	Not Detected
1,1-Dichloroethene	25	Not Detected	100	Not Detected
trans-1,2-Dichloroethene	25	Not Detected	100	Not Detected
cis-1,2-Dichloroethene	25	Not Detected	100	Not Detected
Benzene	25	11000	82	36000
Toluene	25	18000	97	68000
Ethyl Benzene	25	2200	110	9600
m,p-Xylene	25	6400	110	28000
o-Xylene	25	2200	110	9800
Vinyl Chloride	25	Not Detected	66	Not Detected
1,1-Dichloroethane	25	Not Detected	100	Not Detected
Chlorobenzene	25	Not Detected	120	Not Detected
Methylene Chloride	25	Not Detected	90	Not Detected
Freon 11	25	Not Detected	140	Not Detected
Chloromethane	25	Not Detected	53	Not Detected
1,2-Dichloroethane	25	Not Detected	100	Not Detected
Freon 114	25	Not Detected	180	Not Detected
Bromomethane	25	Not Detected	100	Not Detected
Chloroethane	25	Not Detected	68	Not Detected
2-Propanol	25	Not Detected	63	Not Detected
Methyl tert-butyl ether	25	Not Detected	93	Not Detected
1,2-Dichloropropane	25	Not Detected	120	Not Detected
1,1,2-Trichloroethane	25	Not Detected	140	Not Detected
1,3,5-Trimethylbenzene	25	1400	130	7000
1,2,4-Trimethylbenzene	25	470	130	2400
1,3-Dichlorobenzene	25	Not Detected	150	Not Detected
1,4-Dichlorobenzene	25	Not Detected	150	Not Detected
1,2-Dichlorobenzene	25	Not Detected	150	Not Detected
1,2-Dibromoethane (EDB)	25	Not Detected	200	Not Detected
1,1,2,2-Tetrachloroethane	25	Not Detected	180	Not Detected
TPH ref. to Gasoline (MW=100)	510	3700000	2100	15000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	74	70-130

AIR TOXICS LTD.

SAMPLE NAME: VMW-1-120

ID#: 0404258A-05B

MODIFIED TO-15 GC/MS

File Name:	**e042306**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/23/04 10:29 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	67	52	460

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	89	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-8DD

ID#: 0404258A-07A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041537**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**5.17**	**Date of Analysis:**	**4/16/04 12:37 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	26	Not Detected	130	Not Detected
Freon 113	26	Not Detected	200	Not Detected
Chloroform	26	Not Detected	130	Not Detected
1,1,1-Trichloroethane	26	Not Detected	140	Not Detected
Carbon Tetrachloride	26	Not Detected	160	Not Detected
1,1-Dichloroethene	26	Not Detected	100	Not Detected
trans-1,2-Dichloroethene	26	Not Detected	100	Not Detected
cis-1,2-Dichloroethene	26	Not Detected	100	Not Detected
Benzene	26	7300	84	24000
Toluene	26	12000	99	48000
Ethyl Benzene	26	1500	110	6400
m,p-Xylene	26	17000	110	75000
o-Xylene	26	6600	110	29000
Vinyl Chloride	26	Not Detected	67	Not Detected
1,1-Dichloroethane	26	Not Detected	110	Not Detected
Chlorobenzene	26	Not Detected	120	Not Detected
Methylene Chloride	26	Not Detected	91	Not Detected
Freon 11	26	Not Detected	150	Not Detected
Chloromethane	26	Not Detected	54	Not Detected
1,2-Dichloroethane	26	Not Detected	110	Not Detected
Freon 114	26	Not Detected	180	Not Detected
Bromomethane	26	Not Detected	100	Not Detected
Chloroethane	26	Not Detected	69	Not Detected
2-Propanol	26	Not Detected	64	Not Detected
Methyl tert-butyl ether	26	5100	95	19000
1,2-Dichloropropane	26	Not Detected	120	Not Detected
1,1,2-Trichloroethane	26	Not Detected	140	Not Detected
1,3,5-Trimethylbenzene	26	2500	130	13000
1,2,4-Trimethylbenzene	26	4100	130	20000
1,3-Dichlorobenzene	26	Not Detected	160	Not Detected
1,4-Dichlorobenzene	26	Not Detected	160	Not Detected
1,2-Dichlorobenzene	26	Not Detected	160	Not Detected
1,2-Dibromoethane (EDB)	26	Not Detected	200	Not Detected
1,1,2,2-Tetrachloroethane	26	Not Detected	180	Not Detected
TPH ref. to Gasoline (MW=100)	520	2900000	2100	12000000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	86	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-8DD

ID#: 0404258A-07B

MODIFIED TO-15 GC/MS

File Name:	**e042309**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.55**	**Date of Analysis:**	**4/23/04 11:59 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.8	Not Detected	42	Not Detected
Tetrachloroethene	7.8	20	53	140

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-17

ID#: 0404258A-12A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041619**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**15.3**	**Date of Analysis:**	**4/16/04 06:53 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	76	Not Detected	380	Not Detected
Freon 113	76	Not Detected	600	Not Detected
Chloroform	76	Not Detected	380	Not Detected
1,1,1-Trichloroethane	76	Not Detected	420	Not Detected
Carbon Tetrachloride	76	Not Detected	490	Not Detected
1,1-Dichloroethene	76	Not Detected	310	Not Detected
trans-1,2-Dichloroethene	76	Not Detected	310	Not Detected
cis-1,2-Dichloroethene	76	Not Detected	310	Not Detected
Benzene	76	22000	250	71000
Toluene	76	65000	290	250000
Ethyl Benzene	76	13000	340	57000
m,p-Xylene	76	44000	340	200000
o-Xylene	76	16000	340	71000
Vinyl Chloride	76	Not Detected	200	Not Detected
1,1-Dichloroethane	76	Not Detected	310	Not Detected
Chlorobenzene	76	Not Detected	360	Not Detected
Methylene Chloride	76	Not Detected	270	Not Detected
Freon 11	76	Not Detected	440	Not Detected
Chloromethane	76	Not Detected	160	Not Detected
1,2-Dichloroethane	76	Not Detected	310	Not Detected
Freon 114	76	Not Detected	540	Not Detected
Bromomethane	76	Not Detected	300	Not Detected
Chloroethane	76	Not Detected	200	Not Detected
2-Propanol	76	Not Detected	190	Not Detected
Methyl tert-butyl ether	76	31000	280	110000
1,2-Dichloropropane	76	Not Detected	360	Not Detected
1,1,2-Trichloroethane	76	Not Detected	420	Not Detected
1,3,5-Trimethylbenzene	76	9500	380	48000
1,2,4-Trimethylbenzene	76	24000	380	120000
1,3-Dichlorobenzene	76	Not Detected	470	Not Detected
1,4-Dichlorobenzene	76	Not Detected	470	Not Detected
1,2-Dichlorobenzene	76	Not Detected	470	Not Detected
1,2-Dibromoethane (EDB)	76	Not Detected	600	Not Detected
1,1,2,2-Tetrachloroethane	76	Not Detected	530	Not Detected
TPH ref. to Gasoline (MW=100)	1500	910000	6400	3800000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-17

ID#: 0404258A-12B

MODIFIED TO-15 GC/MS

File Name:	**e042013**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**2.29**	**Date of Analysis:**	**4/20/04 03:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	11	Not Detected	62	Not Detected
Tetrachloroethene	11	68	79	470

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-19

ID#: 0404258A-13A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041615**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**10.1**	**Date of Analysis:**	**4/16/04 04:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	50	Not Detected	250	Not Detected
Freon 113	50	Not Detected	390	Not Detected
Chloroform	50	Not Detected	250	Not Detected
1,1,1-Trichloroethane	50	Not Detected	280	Not Detected
Carbon Tetrachloride	50	Not Detected	320	Not Detected
1,1-Dichloroethene	50	Not Detected	200	Not Detected
trans-1,2-Dichloroethene	50	Not Detected	200	Not Detected
cis-1,2-Dichloroethene	50	Not Detected	200	Not Detected
Benzene	50	18000	160	58000
Toluene	50	44000	190	170000
Ethyl Benzene	50	6800	220	30000
m,p-Xylene	50	21000	220	92000
o-Xylene	50	6000	220	27000
Vinyl Chloride	50	Not Detected	130	Not Detected
1,1-Dichloroethane	50	Not Detected	210	Not Detected
Chlorobenzene	50	Not Detected	240	Not Detected
Methylene Chloride	50	Not Detected	180	Not Detected
Freon 11	50	Not Detected	290	Not Detected
Chloromethane	50	Not Detected	100	Not Detected
1,2-Dichloroethane	50	Not Detected	210	Not Detected
Freon 114	50	Not Detected	360	Not Detected
Bromomethane	50	Not Detected	200	Not Detected
Chloroethane	50	Not Detected	140	Not Detected
2-Propanol	50	Not Detected	130	Not Detected
Methyl tert-butyl ether	50	4200	180	15000
1,2-Dichloropropane	50	Not Detected	240	Not Detected
1,1,2-Trichloroethane	50	Not Detected	280	Not Detected
1,3,5-Trimethylbenzene	50	2300	250	11000
1,2,4-Trimethylbenzene	50	4500	250	22000
1,3-Dichlorobenzene	50	Not Detected	310	Not Detected
1,4-Dichlorobenzene	50	Not Detected	310	Not Detected
1,2-Dichlorobenzene	50	Not Detected	310	Not Detected
1,2-Dibromoethane (EDB)	50	Not Detected	390	Not Detected
1,1,2,2-Tetrachloroethane	50	Not Detected	350	Not Detected
TPH ref. to Gasoline (MW=100)	1000	860000	4200	3600000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-19

ID#: 0404258A-13B

MODIFIED TO-15 GC/MS

File Name:	**e042012**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/20/04 03:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	110	52	730

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	88	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-20

ID#: 0404258A-14A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041614**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**10.1**	**Date of Analysis:**	**4/16/04 04:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	50	72	250	360
Freon 113	50	Not Detected	390	Not Detected
Chloroform	50	Not Detected	250	Not Detected
1,1,1-Trichloroethane	50	Not Detected	280	Not Detected
Carbon Tetrachloride	50	Not Detected	320	Not Detected
1,1-Dichloroethene	50	Not Detected	200	Not Detected
trans-1,2-Dichloroethene	50	Not Detected	200	Not Detected
cis-1,2-Dichloroethene	50	Not Detected	200	Not Detected
Benzene	50	19000	160	62000
Toluene	50	35000	190	130000
Ethyl Benzene	50	4800	220	21000
m,p-Xylene	50	17000	220	75000
o-Xylene	50	5100	220	22000
Vinyl Chloride	50	Not Detected	130	Not Detected
1,1-Dichloroethane	50	Not Detected	210	Not Detected
Chlorobenzene	50	Not Detected	240	Not Detected
Methylene Chloride	50	Not Detected	180	Not Detected
Freon 11	50	Not Detected	290	Not Detected
Chloromethane	50	Not Detected	100	Not Detected
1,2-Dichloroethane	50	Not Detected	210	Not Detected
Freon 114	50	Not Detected	360	Not Detected
Bromomethane	50	Not Detected	200	Not Detected
Chloroethane	50	Not Detected	140	Not Detected
2-Propanol	50	Not Detected	130	Not Detected
Methyl tert-butyl ether	50	12000	180	45000
1,2-Dichloropropane	50	Not Detected	240	Not Detected
1,1,2-Trichloroethane	50	Not Detected	280	Not Detected
1,3,5-Trimethylbenzene	50	1700	250	8700
1,2,4-Trimethylbenzene	50	3800	250	19000
1,3-Dichlorobenzene	50	Not Detected	310	Not Detected
1,4-Dichlorobenzene	50	Not Detected	310	Not Detected
1,2-Dichlorobenzene	50	Not Detected	310	Not Detected
1,2-Dibromoethane (EDB)	50	Not Detected	390	Not Detected
1,1,2,2-Tetrachloroethane	50	Not Detected	350	Not Detected
TPH ref. to Gasoline (MW=100)	1000	1600000	4200	6800000

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: MW-20

ID#: 0404258A-14B

MODIFIED TO-15 GC/MS

File Name:	**e042011**	**Date of Collection:**	**4/14/04**
Dil. Factor:	**1.52**	**Date of Analysis:**	**4/20/04 02:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	7.6	Not Detected	42	Not Detected
Tetrachloroethene	7.6	230	52	1600

Container Type: 1 Liter Silonite Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	84	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258A-15A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 08:11 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258A-15B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 12:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258A-15B

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 12:12 PM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	95	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258A-15C

MODIFIED TO-15 GC/MS

File Name:	**e042008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 01:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258A-15D

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 09:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	5.0	Not Detected	25	Not Detected
Freon 113	5.0	Not Detected	39	Not Detected
Chloroform	5.0	Not Detected	25	Not Detected
1,1,1-Trichloroethane	5.0	Not Detected	28	Not Detected
Carbon Tetrachloride	5.0	Not Detected	32	Not Detected
Trichloroethene	5.0	Not Detected	27	Not Detected
Tetrachloroethene	5.0	Not Detected	34	Not Detected
1,1-Dichloroethene	5.0	Not Detected	20	Not Detected
trans-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
cis-1,2-Dichloroethene	5.0	Not Detected	20	Not Detected
Benzene	5.0	Not Detected	16	Not Detected
Toluene	5.0	Not Detected	19	Not Detected
Ethyl Benzene	5.0	Not Detected	22	Not Detected
m,p-Xylene	5.0	Not Detected	22	Not Detected
o-Xylene	5.0	Not Detected	22	Not Detected
Vinyl Chloride	5.0	Not Detected	13	Not Detected
1,1-Dichloroethane	5.0	Not Detected	20	Not Detected
Chlorobenzene	5.0	Not Detected	23	Not Detected
Methylene Chloride	5.0	Not Detected	18	Not Detected
Freon 11	5.0	Not Detected	28	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
1,2-Dichloroethane	5.0	Not Detected	20	Not Detected
Freon 114	5.0	Not Detected	36	Not Detected
Bromomethane	5.0	Not Detected	20	Not Detected
Chloroethane	5.0	Not Detected	13	Not Detected
2-Propanol	5.0	Not Detected	12	Not Detected
Methyl tert-butyl ether	5.0	Not Detected	18	Not Detected
1,2-Dichloropropane	5.0	Not Detected	23	Not Detected
1,1,2-Trichloroethane	5.0	Not Detected	28	Not Detected
1,3,5-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,2,4-Trimethylbenzene	5.0	Not Detected	25	Not Detected
1,3-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,4-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dichlorobenzene	5.0	Not Detected	30	Not Detected
1,2-Dibromoethane (EDB)	5.0	Not Detected	39	Not Detected
1,1,2,2-Tetrachloroethane	5.0	Not Detected	35	Not Detected
TPH ref. to Gasoline (MW=100)	100	Not Detected	420	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: Lab Blank

ID#: 0404258A-15D

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e042304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 09:32 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258A-16A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:17 AM**	

Compound	%Recovery
Freon 12	95
Freon 113	102
Chloroform	99
1,1,1-Trichloroethane	96
Carbon Tetrachloride	106
1,1-Dichloroethene	102
trans-1,2-Dichloroethene	98
cis-1,2-Dichloroethene	100
Benzene	100
Toluene	103
Ethyl Benzene	98
m,p-Xylene	110
o-Xylene	93
Vinyl Chloride	91
1,1-Dichloroethane	94
Chlorobenzene	93
Methylene Chloride	94
Freon 11	100
Chloromethane	76
1,2-Dichloroethane	99
Freon 114	96
Bromomethane	102
Chloroethane	80
2-Propanol	86
Methyl tert-butyl ether	80
1,2-Dichloropropane	102
1,1,2-Trichloroethane	99
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	89
1,3-Dichlorobenzene	96
1,4-Dichlorobenzene	87
1,2-Dichlorobenzene	88
1,2-Dibromoethane (EDB)	96
1,1,2,2-Tetrachloroethane	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258A-16B

MODIFIED TO-15 GC/MS

File Name:	**e041604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:22 AM**	

Compound	%Recovery
Freon 12	106
Freon 113	122
Chloroform	96
1,1,1-Trichloroethane	97
Carbon Tetrachloride	91
Trichloroethene	102
Tetrachloroethene	107
1,1-Dichloroethene	115
trans-1,2-Dichloroethene	108
cis-1,2-Dichloroethene	110
Benzene	112
Toluene	109
Ethyl Benzene	108
m,p-Xylene	123
o-Xylene	108
Vinyl Chloride	117
1,1-Dichloroethane	107
Chlorobenzene	99
Methylene Chloride	113
Freon 11	103
Chloromethane	108
1,2-Dichloroethane	93
Freon 114	127
Bromomethane	131 Q
Chloroethane	114
2-Propanol	126
Methyl tert-butyl ether	96
1,2-Dichloropropane	114
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	124
1,2,4-Trimethylbenzene	108
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	104
1,2-Dichlorobenzene	107
1,2-Dibromoethane (EDB)	104
1,1,2,2-Tetrachloroethane	116

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258A-16B

MODIFIED TO-15 GC/MS

File Name:	**e041604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:22 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258A-16C

MODIFIED TO-15 GC/MS

File Name:	**e042005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 11:45 AM**	

Compound	**%Recovery**
Trichloroethene	101
Tetrachloroethene	108

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258A-16D

MODIFIED TO-15 GC/MS

File Name:	**e042302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 08:30 AM**	

Compound	%Recovery
Freon 12	99
Freon 113	108
Chloroform	101
1,1,1-Trichloroethane	111
Carbon Tetrachloride	123
Trichloroethene	106
Tetrachloroethene	119
1,1-Dichloroethene	105
trans-1,2-Dichloroethene	97
cis-1,2-Dichloroethene	99
Benzene	104
Toluene	107
Ethyl Benzene	108
m,p-Xylene	119
o-Xylene	102
Vinyl Chloride	99
1,1-Dichloroethane	96
Chlorobenzene	97
Methylene Chloride	95
Freon 11	110
Chloromethane	81
1,2-Dichloroethane	109
Freon 114	103
Bromomethane	108
Chloroethane	77
2-Propanol	105
Methyl tert-butyl ether	98
1,2-Dichloropropane	105
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	120
1,2,4-Trimethylbenzene	106
1,3-Dichlorobenzene	116
1,4-Dichlorobenzene	103
1,2-Dichlorobenzene	107
1,2-Dibromoethane (EDB)	103
1,1,2,2-Tetrachloroethane	107

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: CCV

ID#: 0404258A-16D

MODIFIED TO-15 GC/MS

File Name:	**e042302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 08:30 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258A-17A

MODIFIED EPA METHOD TO-15 GC/MS

File Name:	**e041503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/15/04 07:43 AM**	

Compound	%Recovery
Freon 12	104
Freon 113	99
Chloroform	95
1,1,1-Trichloroethane	98
Carbon Tetrachloride	111
1,1-Dichloroethene	104
trans-1,2-Dichloroethene	91
cis-1,2-Dichloroethene	97
Benzene	109
Toluene	112
Ethyl Benzene	111
m,p-Xylene	115
o-Xylene	98
Vinyl Chloride	103
1,1-Dichloroethane	89
Chlorobenzene	99
Methylene Chloride	93
Freon 11	110
Chloromethane	90
1,2-Dichloroethane	99
Freon 114	107
Bromomethane	119
Chloroethane	91
2-Propanol	88
Methyl tert-butyl ether	69 Q
1,2-Dichloropropane	99
1,1,2-Trichloroethane	106
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	100
1,2-Dichlorobenzene	112
1,2-Dibromoethane (EDB)	94
1,1,2,2-Tetrachloroethane	108

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258A-17B

MODIFIED TO-15 GC/MS

File Name:	**e041605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:47 AM**	

Compound	%Recovery
Freon 12	106
Freon 113	108
Chloroform	92
1,1,1-Trichloroethane	95
Carbon Tetrachloride	94
Trichloroethene	104
Tetrachloroethene	109
1,1-Dichloroethene	108
trans-1,2-Dichloroethene	98
cis-1,2-Dichloroethene	103
Benzene	115
Toluene	118
Ethyl Benzene	116
m,p-Xylene	119
o-Xylene	105
Vinyl Chloride	124
1,1-Dichloroethane	94
Chlorobenzene	102
Methylene Chloride	104
Freon 11	102
Chloromethane	108
1,2-Dichloroethane	91
Freon 114	120
Bromomethane	148 Q
Chloroethane	113
2-Propanol	114
Methyl tert-butyl ether	86
1,2-Dichloropropane	106
1,1,2-Trichloroethane	110
1,3,5-Trimethylbenzene	114
1,2,4-Trimethylbenzene	93
1,3-Dichlorobenzene	120
1,4-Dichlorobenzene	102
1,2-Dichlorobenzene	114
1,2-Dibromoethane (EDB)	93
1,1,2,2-Tetrachloroethane	119

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258A-17B

MODIFIED TO-15 GC/MS

File Name:	**e041605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/16/04 11:47 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258A-17C

MODIFIED TO-15 GC/MS

File Name:	**e042007**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/20/04 12:44 PM**	

Compound	**%Recovery**
Trichloroethene	105
Tetrachloroethene	119

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258A-17D

MODIFIED TO-15 GC/MS

File Name:	**e042303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 09:02 AM**	

Compound	%Recovery
Freon 12	120
Freon 113	115
Chloroform	98
1,1,1-Trichloroethane	114
Carbon Tetrachloride	126
Trichloroethene	110
Tetrachloroethene	126
1,1-Dichloroethene	111
trans-1,2-Dichloroethene	90
cis-1,2-Dichloroethene	99
Benzene	110
Toluene	117
Ethyl Benzene	119
m,p-Xylene	126
o-Xylene	108
Vinyl Chloride	116
1,1-Dichloroethane	86
Chlorobenzene	107
Methylene Chloride	96
Freon 11	127
Chloromethane	101
1,2-Dichloroethane	110
Freon 114	124
Bromomethane	138 Q
Chloroethane	91
2-Propanol	100
Methyl tert-butyl ether	86
1,2-Dichloropropane	100
1,1,2-Trichloroethane	112
1,3,5-Trimethylbenzene	126
1,2,4-Trimethylbenzene	105
1,3-Dichlorobenzene	134 Q
1,4-Dichlorobenzene	120
1,2-Dichlorobenzene	132 Q
1,2-Dibromoethane (EDB)	104
1,1,2,2-Tetrachloroethane	127

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

AIR TOXICS LTD.

SAMPLE NAME: LCS

ID#: 0404258A-17D

MODIFIED TO-15 GC/MS

File Name:	**e042303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/23/04 09:02 AM**	

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX: (916) 985-1020

Contact Person: Michael Neeley
Company: LFR
Address: 13880 N. Northsight #115 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 FAX: 480-905-5353
Collected By: Signature

Project info:
P.O. #
Project #: 24-1022-06-005
Project Name: Sherwood Wal

Turn Around Time:
☐ Normal
☒ Rush: ASAP / 24 Hr
Specify
Press. to Sysco
MW 4/15/04

Lab I.D.	Field Sample I.D.	Date & Time	Analyses Requested	Canister Pressure / Vacuum Initial	Final	Receipt
01A	MW-10	4-14-04 / 9:26	~~TO-15~~ TO-15 high/low PCE, TCE	-26.0	Ø	3.5" Hg
02A	MW-9	" / 9:39		-27.0	Ø	3.5" Hg
03A	VMW-1-40	" 9:48		-26.0	Ø	3.5" Hg
04A	VMW-1-75	" 9:57		-26.0	Ø	3.5" Hg
05A	VMW-1-120	" 10:10		-26.0	Ø	3.5" Hg
06A	MW-8	" 10:25		-26.0	Ø	4.0" Hg
07A	MW-8D	" 10:26		-26.0	Ø	4.0" Hg
08A	MW-6	" 10:58		-30.0	Ø	4.0" Hg
09A	MW-2	" 11:11		-30.0	Ø	3.5" Hg
10A	MW-1	" 11:22		-30.0	Ø	3.5" Hg

Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
4-14-04	FedEx 8457-5481-0570
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time
	Lawrence Thomas ATL 4/15/04 950
Relinquished By: (Signature) Date/Time	Received By: (Signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Opened By:	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8457 5481 0570	JR	—	Good	Yes No (None)	0404258A

Form 1293 rev. 09

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

0404258A

[ ] Main Lab - 4645 E. Cotton Center Blvd. Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3809
www.aeroenvirolabs.com or call toll-free 866.772.5227

CUSTODY SEAL INTACT? Y N NONE TEMP ____

Lab Number:

Customer Number:		Page 2 of 2	
Customer: LFR		Sampler: JSM	
Address: 13880 N. Northsight Blvd #115		Project Name: Silverwolf WMA	
City, State, Zip: Scottsdale AZ 85260		Project Number: 017-10222-06-005	
Contact: Michael Nesky		P.O. Number:	
Phone:	Fax:	Fax Results: Y N	
E-Mail Address:		E-Mail Results: Y N	

Sample Type Codes

DW - Drinking Water A - Air
WW - Waste Water S - Soil
HW - Hazardous Waste
Other ____

Temperature ____ °C
Custody Seals: Yes ____ No ____
Custody Seals Intact: Yes ____ No ____
Total # of Containers: ____

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 Working Days
____ Standard 10 Working Days
Subject to scheduling & availability (surcharges apply).

ASAP

Analysis Requested

Sample Information

11A	MW-7	-30.0	Ø	4-14-04	11:06	AIR	X											3.5" Hg						1
12A	MW-17	-30.0	Ø		13:06		X											3.5" Hg		15 psi				1
13A	MW-19	-30.0	Ø		13:25		X											3.5" Hg			4-15-04			1
14A	MW-20				13:40		X											3.5" Hg						1

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
4-14-04	15:20		Fed Ex 8457 5481 0570
			Lauren Q. Thomas AIR 4/15/04 950

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Thursday, June 07, 2007

Mike Nesky
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft Wash/014-10022-13 Phase 007

Order No.: 07060083

Dear Mike Nesky:

Aerotech Environmental Laboratories received 5 sample(s) on 6/4/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft Wash/014-10022-13 Phase 007
Lab Order: 07060083

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix.
D2 Sample required dilution due to high concentration of target analyte.
S11 Surrogate recovery was high. Data reported per ADEQ policy 0154.000.

Aerotech Environmental Laboratories

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft Wash/014-10022-13 Phase 007
Lab Order: 07060083

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07060083-01A	VSP-1-060407	0232	6/4/2007 2:20:00 PM	6/4/2007
07060083-02A	VSP-2-060407	1309	6/4/2007 2:26:00 PM	6/4/2007
07060083-03A	VSP-3-060407	1444	6/4/2007 2:31:00 PM	6/4/2007
07060083-04A	VSP-4-060407	0934	6/4/2007 2:34:00 PM	6/4/2007
07060083-05A	VSP-5-060407	0272	6/4/2007 2:37:00 PM	6/4/2007

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-060407
Lab Order:	07060083	**Tag Number:**	0232
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:20:00 PM
Lab ID:	07060083-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
1,1,1-Trichloroethane	< 100000	100000		ppbv	200000	6/5/2007
1,1,2,2-Tetrachloroethane	< 100000	100000		ppbv	200000	6/5/2007
1,1,2-Trichloroethane	< 100000	100000		ppbv	200000	6/5/2007
1,1-Dichloroethane	< 100000	100000		ppbv	200000	6/5/2007
1,1-Dichloroethene	< 100000	100000		ppbv	200000	6/5/2007
1,2,4-Trichlorobenzene	< 400000	400000		ppbv	200000	6/5/2007
1,2,4-Trimethylbenzene	< 100000	100000		ppbv	200000	6/5/2007
1,2-Dibromoethane	< 100000	100000		ppbv	200000	6/5/2007
1,2-Dichlorobenzene	< 100000	100000		ppbv	200000	6/5/2007
1,2-Dichloroethane	< 100000	100000		ppbv	200000	6/5/2007
1,2-Dichloropropane	< 100000	100000		ppbv	200000	6/5/2007
1,3,5-Trimethylbenzene	< 100000	100000		ppbv	200000	6/5/2007
1,3-Butadiene	< 100000	100000		ppbv	200000	6/5/2007
1,3-Dichlorobenzene	< 100000	100000		ppbv	200000	6/5/2007
1,4-Dichlorobenzene	< 100000	100000		ppbv	200000	6/5/2007
2,2,4-Trimethylpentane	4600000	100000	D2	ppbv	200000	6/5/2007
2-Butanone (MEK)	< 200000	200000		ppbv	200000	6/5/2007
2-Hexanone	< 200000	200000		ppbv	200000	6/5/2007
2-Propanol	< 400000	400000		ppbv	200000	6/5/2007
4-Ethyltoluene	< 100000	100000		ppbv	200000	6/5/2007
4-Methyl-2-pentanone	< 200000	200000		ppbv	200000	6/5/2007
Acetone	< 1000000	1000000		ppbv	200000	6/5/2007
Allyl chloride	< 100000	100000		ppbv	200000	6/5/2007
Benzene	1700000	100000	D2	ppbv	200000	6/5/2007
Benzyl chloride	< 400000	400000		ppbv	200000	6/5/2007
Bromodichloromethane	< 100000	100000		ppbv	200000	6/5/2007
Bromoethene(Vinyl Bromide)	< 100000	100000		ppbv	200000	6/5/2007
Bromoform	< 100000	100000		ppbv	200000	6/5/2007
Bromomethane	< 100000	100000		ppbv	200000	6/5/2007
Carbon disulfide	< 100000	100000		ppbv	200000	6/5/2007
Carbon tetrachloride	< 100000	100000		ppbv	200000	6/5/2007
Chlorobenzene	< 100000	100000		ppbv	200000	6/5/2007
Chloroethane	< 100000	100000		ppbv	200000	6/5/2007
Chloroform	< 100000	100000		ppbv	200000	6/5/2007
Chloromethane	< 100000	100000		ppbv	200000	6/5/2007
cis-1,2-Dichloroethene	< 100000	100000		ppbv	200000	6/5/2007
cis-1,3-Dichloropropene	< 100000	100000		ppbv	200000	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-060407
Lab Order:	07060083	**Tag Number:**	0232
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:20:00 PM
Lab ID:	07060083-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
Cyclohexane	2000000	100000	D2	ppbv	200000	6/5/2007
Dibromochloromethane	< 100000	100000		ppbv	200000	6/5/2007
Dichlorodifluoromethane(F-12)	< 100000	100000		ppbv	200000	6/5/2007
Dichlorotetrafluoroethane(F-114)	< 100000	100000		ppbv	200000	6/5/2007
Ethyl Acetate	< 100000	100000		ppbv	200000	6/5/2007
Ethylbenzene	100000	100000	D2	ppbv	200000	6/5/2007
Heptane	910000	100000	D2	ppbv	200000	6/5/2007
Hexachlorobutadiene	< 200000	200000		ppbv	200000	6/5/2007
Hexane	2600000	100000	D2	ppbv	200000	6/5/2007
m&p-Xylene	210000	200000	D2	ppbv	200000	6/5/2007
Methyl tert-butyl ether	8800000	200000	D2	ppbv	200000	6/5/2007
Methylene chloride	< 100000	100000		ppbv	200000	6/5/2007
o-Xylene	< 100000	100000		ppbv	200000	6/5/2007
Propene (Propylene)	< 100000	100000		ppbv	200000	6/5/2007
Styrene	< 100000	100000		ppbv	200000	6/5/2007
Tetrachloroethene	< 100000	100000		ppbv	200000	6/5/2007
Tetrahydrofuran	< 400000	400000		ppbv	200000	6/5/2007
Toluene	2600000	100000	D2	ppbv	200000	6/5/2007
trans-1,2-Dichloroethene	< 100000	100000		ppbv	200000	6/5/2007
trans-1,3-Dichloropropene	< 100000	100000		ppbv	200000	6/5/2007
Trichloroethene	< 100000	100000		ppbv	200000	6/5/2007
Trichlorofluoromethane(F-11)	< 100000	100000		ppbv	200000	6/5/2007
Trichlorotrifluoroethane(F-113)	< 100000	100000		ppbv	200000	6/5/2007
Vinyl acetate	< 100000	100000		ppbv	200000	6/5/2007
Vinyl chloride	< 100000	100000		ppbv	200000	6/5/2007
Surr: 4-Bromofluorobenzene	96.1	70-130		%REC	200000	6/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **SP**
Gasoline Hydrocarbons: C6-C10	310000000	50000000	D2	µg/m³	100000	6/5/2007
Surr: 4-Bromofluorobenzene	129	70-130		%REC	100000	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-060407
Lab Order:	07060083	**Tag Number:**	1309
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:26:00 PM
Lab ID:	07060083-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
1,1,1-Trichloroethane	< 5.0	5.0		ppbv	10	6/4/2007
1,1,2,2-Tetrachloroethane	< 5.0	5.0		ppbv	10	6/4/2007
1,1,2-Trichloroethane	< 5.0	5.0		ppbv	10	6/4/2007
1,1-Dichloroethane	< 5.0	5.0		ppbv	10	6/4/2007
1,1-Dichloroethene	< 5.0	5.0		ppbv	10	6/4/2007
1,2,4-Trichlorobenzene	< 20	20		ppbv	10	6/4/2007
1,2,4-Trimethylbenzene	12	5.0		ppbv	10	6/4/2007
1,2-Dibromoethane	< 5.0	5.0		ppbv	10	6/4/2007
1,2-Dichlorobenzene	< 5.0	5.0		ppbv	10	6/4/2007
1,2-Dichloroethane	< 5.0	5.0		ppbv	10	6/4/2007
1,2-Dichloropropane	< 5.0	5.0		ppbv	10	6/4/2007
1,3,5-Trimethylbenzene	< 5.0	5.0		ppbv	10	6/4/2007
1,3-Butadiene	< 5.0	5.0		ppbv	10	6/4/2007
1,3-Dichlorobenzene	< 5.0	5.0		ppbv	10	6/4/2007
1,4-Dichlorobenzene	< 5.0	5.0		ppbv	10	6/4/2007
2,2,4-Trimethylpentane	150	5.0	D2	ppbv	10	6/4/2007
2-Butanone (MEK)	< 10	10		ppbv	10	6/4/2007
2-Hexanone	< 10	10		ppbv	10	6/4/2007
2-Propanol	< 20	20		ppbv	10	6/4/2007
4-Ethyltoluene	5.1	5.0		ppbv	10	6/4/2007
4-Methyl-2-pentanone	< 10	10		ppbv	10	6/4/2007
Acetone	< 50	50		ppbv	10	6/4/2007
Allyl chloride	< 5.0	5.0		ppbv	10	6/4/2007
Benzene	56	5.0	D2	ppbv	10	6/4/2007
Benzyl chloride	< 20	20		ppbv	10	6/4/2007
Bromodichloromethane	< 5.0	5.0		ppbv	10	6/4/2007
Bromoethene(Vinyl Bromide)	< 5.0	5.0		ppbv	10	6/4/2007
Bromoform	< 5.0	5.0		ppbv	10	6/4/2007
Bromomethane	< 5.0	5.0		ppbv	10	6/4/2007
Carbon disulfide	< 5.0	5.0		ppbv	10	6/4/2007
Carbon tetrachloride	< 5.0	5.0		ppbv	10	6/4/2007
Chlorobenzene	< 5.0	5.0		ppbv	10	6/4/2007
Chloroethane	< 5.0	5.0		ppbv	10	6/4/2007
Chloroform	< 5.0	5.0		ppbv	10	6/4/2007
Chloromethane	< 5.0	5.0		ppbv	10	6/4/2007
cis-1,2-Dichloroethene	< 5.0	5.0		ppbv	10	6/4/2007
cis-1,3-Dichloropropene	< 5.0	5.0		ppbv	10	6/4/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-060407
Lab Order:	07060083	**Tag Number:**	1309
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:26:00 PM
Lab ID:	07060083-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
Cyclohexane	56	5.0	D2	ppbv	10	6/4/2007
Dibromochloromethane	< 5.0	5.0		ppbv	10	6/4/2007
Dichlorodifluoromethane(F-12)	< 5.0	5.0		ppbv	10	6/4/2007
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0		ppbv	10	6/4/2007
Ethyl Acetate	< 5.0	5.0		ppbv	10	6/4/2007
Ethylbenzene	18	5.0		ppbv	10	6/4/2007
Heptane	34	5.0		ppbv	10	6/4/2007
Hexachlorobutadiene	< 10	10		ppbv	10	6/4/2007
Hexane	52	5.0	D2	ppbv	10	6/4/2007
m&p-Xylene	57	10		ppbv	10	6/4/2007
Methyl tert-butyl ether	100	10	D2	ppbv	10	6/4/2007
Methylene chloride	< 5.0	5.0		ppbv	10	6/4/2007
o-Xylene	20	5.0		ppbv	10	6/4/2007
Propene (Propylene)	< 5.0	5.0		ppbv	10	6/4/2007
Styrene	< 5.0	5.0		ppbv	10	6/4/2007
Tetrachloroethene	< 5.0	5.0		ppbv	10	6/4/2007
Tetrahydrofuran	< 20	20		ppbv	10	6/4/2007
Toluene	150	5.0	D2	ppbv	10	6/4/2007
trans-1,2-Dichloroethene	< 5.0	5.0		ppbv	10	6/4/2007
trans-1,3-Dichloropropene	< 5.0	5.0		ppbv	10	6/4/2007
Trichloroethene	< 5.0	5.0		ppbv	10	6/4/2007
Trichlorofluoromethane(F-11)	< 5.0	5.0		ppbv	10	6/4/2007
Trichlorotrifluoroethane(F-113)	< 5.0	5.0		ppbv	10	6/4/2007
Vinyl acetate	< 5.0	5.0		ppbv	10	6/4/2007
Vinyl chloride	< 5.0	5.0		ppbv	10	6/4/2007
Surr: 4-Bromofluorobenzene	93.7	70-130		%REC	10	6/4/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **SP**
Gasoline Hydrocarbons: C6-C10	13000	5000	D2	µg/m³	10	6/5/2007
Surr: 4-Bromofluorobenzene	149	70-130	S11	%REC	10	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-060407
Lab Order:	07060083	**Tag Number:**	1444
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:31:00 PM
Lab ID:	07060083-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
1,1,1-Trichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1,2,2-Tetrachloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1,2-Trichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1-Dichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1-Dichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2,4-Trichlorobenzene	< 4.0	4.0	D1	ppbv	2	6/5/2007
1,2,4-Trimethylbenzene	5.1	1.0	D1	ppbv	2	6/5/2007
1,2-Dibromoethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2-Dichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2-Dichloropropane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,3,5-Trimethylbenzene	1.5	1.0	D1	ppbv	2	6/5/2007
1,3-Butadiene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,3-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,4-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
2,2,4-Trimethylpentane	21	1.0	D1	ppbv	2	6/5/2007
2-Butanone (MEK)	2.6	2.0	D1	ppbv	2	6/5/2007
2-Hexanone	< 2.0	2.0	D1	ppbv	2	6/5/2007
2-Propanol	< 4.0	4.0	D1	ppbv	2	6/5/2007
4-Ethyltoluene	2.3	1.0	D1	ppbv	2	6/5/2007
4-Methyl-2-pentanone	< 2.0	2.0	D1	ppbv	2	6/5/2007
Acetone	14	10	D1	ppbv	2	6/5/2007
Allyl chloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
Benzene	5.0	1.0	D1	ppbv	2	6/5/2007
Benzyl chloride	< 4.0	4.0	D1	ppbv	2	6/5/2007
Bromodichloromethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Bromoethene(Vinyl Bromide)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Bromoform	< 1.0	1.0	D1	ppbv	2	6/5/2007
Bromomethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Carbon disulfide	< 1.0	1.0	D1	ppbv	2	6/5/2007
Carbon tetrachloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
Chlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Chloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Chloroform	4.7	1.0	D1	ppbv	2	6/5/2007
Chloromethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
cis-1,2-Dichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
cis-1,3-Dichloropropene	< 1.0	1.0	D1	ppbv	2	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-060407
Lab Order:	07060083	**Tag Number:**	1444
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:31:00 PM
Lab ID:	07060083-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
Cyclohexane	5.9	1.0	D1	ppbv	2	6/5/2007
Dibromochloromethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Dichlorodifluoromethane(F-12)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Ethyl Acetate	3.9	1.0	D1	ppbv	2	6/5/2007
Ethylbenzene	4.2	1.0	D1	ppbv	2	6/5/2007
Heptane	4.6	1.0	D1	ppbv	2	6/5/2007
Hexachlorobutadiene	< 2.0	2.0	D1	ppbv	2	6/5/2007
Hexane	3.6	1.0	D1	ppbv	2	6/5/2007
m&p-Xylene	13	2.0	D1	ppbv	2	6/5/2007
Methyl tert-butyl ether	10	2.0	D1	ppbv	2	6/5/2007
Methylene chloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
o-Xylene	4.9	1.0	D1	ppbv	2	6/5/2007
Propene (Propylene)	2.0	1.0	D1	ppbv	2	6/5/2007
Styrene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Tetrachloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Tetrahydrofuran	< 4.0	4.0	D1	ppbv	2	6/5/2007
Toluene	26	1.0	D1	ppbv	2	6/5/2007
trans-1,2-Dichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
trans-1,3-Dichloropropene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Trichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Trichlorofluoromethane(F-11)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Vinyl acetate	< 1.0	1.0	D1	ppbv	2	6/5/2007
Vinyl chloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
Surr: 4-Bromofluorobenzene	102	70-130		%REC	2	6/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **SP**
Gasoline Hydrocarbons: C6-C10	< 5000	5000	D1	µg/m³	10	6/5/2007
Surr: 4-Bromofluorobenzene	122	70-130		%REC	10	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-060407
Lab Order:	07060083	**Tag Number:**	0934
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:34:00 PM
Lab ID:	07060083-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
1,1,1-Trichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1,2,2-Tetrachloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1,2-Trichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1-Dichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,1-Dichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2,4-Trichlorobenzene	< 4.0	4.0	D1	ppbv	2	6/5/2007
1,2,4-Trimethylbenzene	2.5	1.0	D1	ppbv	2	6/5/2007
1,2-Dibromoethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2-Dichloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,2-Dichloropropane	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,3,5-Trimethylbenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,3-Butadiene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,3-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
1,4-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
2,2,4-Trimethylpentane	9.8	1.0	D1	ppbv	2	6/5/2007
2-Butanone (MEK)	2.6	2.0	D1	ppbv	2	6/5/2007
2-Hexanone	< 2.0	2.0	D1	ppbv	2	6/5/2007
2-Propanol	< 4.0	4.0	D1	ppbv	2	6/5/2007
4-Ethyltoluene	1.2	1.0	D1	ppbv	2	6/5/2007
4-Methyl-2-pentanone	< 2.0	2.0	D1	ppbv	2	6/5/2007
Acetone	< 10	10	D1	ppbv	2	6/5/2007
Allyl chloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
Benzene	2.5	1.0	D1	ppbv	2	6/5/2007
Benzyl chloride	< 4.0	4.0	D1	ppbv	2	6/5/2007
Bromodichloromethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Bromoethene(Vinyl Bromide)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Bromoform	< 1.0	1.0	D1	ppbv	2	6/5/2007
Bromomethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Carbon disulfide	< 1.0	1.0	D1	ppbv	2	6/5/2007
Carbon tetrachloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
Chlorobenzene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Chloroethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Chloroform	1.0	1.0	D1	ppbv	2	6/5/2007
Chloromethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
cis-1,2-Dichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
cis-1,3-Dichloropropene	< 1.0	1.0	D1	ppbv	2	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-060407
Lab Order:	07060083	**Tag Number:**	0934
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:34:00 PM
Lab ID:	07060083-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
Cyclohexane	2.7	1.0	D1	ppbv	2	6/5/2007
Dibromochloromethane	< 1.0	1.0	D1	ppbv	2	6/5/2007
Dichlorodifluoromethane(F-12)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Ethyl Acetate	< 1.0	1.0	D1	ppbv	2	6/5/2007
Ethylbenzene	2.1	1.0	D1	ppbv	2	6/5/2007
Heptane	2.5	1.0	D1	ppbv	2	6/5/2007
Hexachlorobutadiene	< 2.0	2.0	D1	ppbv	2	6/5/2007
Hexane	1.5	1.0	D1	ppbv	2	6/5/2007
m&p-Xylene	6.7	2.0	D1	ppbv	2	6/5/2007
Methyl tert-butyl ether	4.4	2.0	D1	ppbv	2	6/5/2007
Methylene chloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
o-Xylene	2.3	1.0	D1	ppbv	2	6/5/2007
Propene (Propylene)	2.3	1.0	D1	ppbv	2	6/5/2007
Styrene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Tetrachloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Tetrahydrofuran	< 4.0	4.0	D1	ppbv	2	6/5/2007
Toluene	15	1.0	D1	ppbv	2	6/5/2007
trans-1,2-Dichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
trans-1,3-Dichloropropene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Trichloroethene	< 1.0	1.0	D1	ppbv	2	6/5/2007
Trichlorofluoromethane(F-11)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	D1	ppbv	2	6/5/2007
Vinyl acetate	< 1.0	1.0	D1	ppbv	2	6/5/2007
Vinyl chloride	< 1.0	1.0	D1	ppbv	2	6/5/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	2	6/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **SP**
Gasoline Hydrocarbons: C6-C10	< 5000	5000	D1	µg/m³	10	6/5/2007
Surr: 4-Bromofluorobenzene	127	70-130		%REC	10	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-5-060407
Lab Order:	07060083	**Tag Number:**	0272
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:37:00 PM
Lab ID:	07060083-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/5/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/5/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/5/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/5/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/5/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/5/2007
1,2,4-Trimethylbenzene	1.6	0.50		ppbv	1	6/5/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/5/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/5/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/5/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/5/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/5/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/5/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/5/2007
1,4-Dichlorobenzene	1.4	0.50		ppbv	1	6/5/2007
2,2,4-Trimethylpentane	4.1	0.50		ppbv	1	6/5/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/5/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/5/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/5/2007
4-Ethyltoluene	0.75	0.50		ppbv	1	6/5/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/5/2007
Acetone	< 5.0	5.0		ppbv	1	6/5/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/5/2007
Benzene	1.6	0.50		ppbv	1	6/5/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	6/5/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/5/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/5/2007
Bromoform	< 0.50	0.50		ppbv	1	6/5/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/5/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/5/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/5/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/5/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/5/2007
Chloroform	2.5	0.50		ppbv	1	6/5/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/5/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/5/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *07-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-5-060407
Lab Order:	07060083	**Tag Number:**	0272
Project:	Silvercroft Wash/014-10022-13 Phase 007	**Collection Date:**	6/4/2007 2:37:00 PM
Lab ID:	07060083-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **SP**
Cyclohexane	0.98	0.50		ppbv	1	6/5/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/5/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	6/5/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/5/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	6/5/2007
Ethylbenzene	1.0	0.50		ppbv	1	6/5/2007
Heptane	0.94	0.50		ppbv	1	6/5/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/5/2007
Hexane	0.58	0.50		ppbv	1	6/5/2007
m&p-Xylene	3.5	1.0		ppbv	1	6/5/2007
Methyl tert-butyl ether	1.7	1.0		ppbv	1	6/5/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/5/2007
o-Xylene	1.3	0.50		ppbv	1	6/5/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/5/2007
Styrene	< 0.50	0.50		ppbv	1	6/5/2007
Tetrachloroethene	0.81	0.50		ppbv	1	6/5/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	6/5/2007
Toluene	7.9	0.50		ppbv	1	6/5/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/5/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/5/2007
Trichloroethene	2.7	0.50		ppbv	1	6/5/2007
Trichlorofluoromethane(F-11)	1.2	0.50		ppbv	1	6/5/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/5/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/5/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/5/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	6/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **SP**
Gasoline Hydrocarbons: C6-C10	< 5000	5000	D1	µg/m³	10	6/5/2007
Surr: 4-Bromofluorobenzene	135	70-130	S11	%REC	10	6/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

07-Jun-07

Lab Order: 07060083
Client: LFR - Levine Fricke
Project: Silvercroft Wash/014-10022-13 Ph

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07060083-01A	VSP-1-060407	6/4/2007 2:20:00 PM	Air	Gasoline Hydrocarbons in Air			6/5/2007
				Volatile Organics in Air			6/5/2007
07060083-02A	VSP-2-060407	6/4/2007 2:26:00 PM		Gasoline Hydrocarbons in Air			6/5/2007
				Volatile Organics in Air			6/4/2007
07060083-03A	VSP-3-060407	6/4/2007 2:31:00 PM		Gasoline Hydrocarbons in Air			6/5/2007
				Volatile Organics in Air			6/5/2007
07060083-04A	VSP-4-060407	6/4/2007 2:34:00 PM		Gasoline Hydrocarbons in Air			6/5/2007
				Volatile Organics in Air			6/5/2007
07060083-05A	VSP-5-060407	6/4/2007 2:37:00 PM		Gasoline Hydrocarbons in Air			6/5/2007
				Volatile Organics in Air			6/5/2007

Aerotech Environmental Laboratories

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Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87821** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87821** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87821** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.180	0.50	10	0	91.8	70	130				

Sample ID: **MB-R87822** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87822** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87822** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87822** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.290	0.50	10	0	92.9	70	130				

Sample ID: **LCS-R87822** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.19	0.50	10	0	112	65	135				
1,1,2,2-Tetrachloroethane	11.14	0.50	10	0	111	65	135				
1,1,2-Trichloroethane	11.40	0.50	10	0	114	65	135				
1,1-Dichloroethane	10.90	0.50	10	0	109	65	135				
1,1-Dichloroethene	10.85	0.50	10	0	108	65	135				
1,2,4-Trichlorobenzene	11.92	2.0	10	0	119	65	135				
1,2,4-Trimethylbenzene	12.02	0.50	10	0	120	65	135				
1,2-Dibromoethane	11.55	0.50	10	0	116	65	135				
1,2-Dichlorobenzene	11.41	0.50	10	0	114	65	135				
1,2-Dichloroethane	10.39	0.50	10	0	104	65	135				
1,2-Dichloropropane	10.89	0.50	10	0	109	65	135				
1,3,5-Trimethylbenzene	12.11	0.50	10	0	121	65	135				
1,3-Butadiene	9.110	0.50	10	0	91.1	65	135				
1,3-Dichlorobenzene	11.59	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87822** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.70	0.50	10	0	117	65	135				
2,2,4-Trimethylpentane	11.19	0.50	10	0	112	65	135				
2-Butanone (MEK)	11.53	1.0	10	0	115	65	135				
2-Hexanone	10.54	1.0	10	0	105	65	135				
2-Propanol	11.52	2.0	10	0	115	65	135				
4-Ethyltoluene	12.26	0.50	10	0	123	65	135				
4-Methyl-2-pentanone	11.34	1.0	10	0	113	65	135				
Acetone	8.490	5.0	10	0	84.9	65	135				
Allyl chloride	11.93	0.50	10	0	119	65	135				
Benzene	11.59	0.50	10	0	116	65	135				
Benzyl chloride	10.08	2.0	10	0	101	65	135				
Bromodichloromethane	11.15	0.50	10	0	112	65	135				
Bromoethene(Vinyl Bromide)	10.51	0.50	10	0	105	65	135				
Bromoform	11.60	0.50	10	0	116	65	135				
Bromomethane	10.50	0.50	10	0	105	65	135				
Carbon disulfide	10.95	0.50	10	0	110	65	135				
Carbon tetrachloride	11.22	0.50	10	0	112	65	135				
Chlorobenzene	11.84	0.50	10	0	118	65	135				
Chloroethane	9.500	0.50	10	0	95.0	65	135				
Chloroform	11.12	0.50	10	0	111	65	135				
Chloromethane	9.410	0.50	10	0	94.1	65	135				
cis-1,2-Dichloroethene	11.98	0.50	10	0	120	65	135				
cis-1,3-Dichloropropene	11.65	0.50	10	0	116	65	135				
Cyclohexane	11.50	0.50	10	0	115	65	135				
Dibromochloromethane	11.53	0.50	10	0	115	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87822** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	10.86	0.50	10	0	109	65	135				
Dichlorotetrafluoroethane(F-114)	11.11	0.50	10	0	111	65	135				
Ethyl Acetate	10.62	0.50	10	0	106	65	135				
Ethylbenzene	12.43	0.50	10	0	124	65	135				
Heptane	10.43	0.50	10	0	104	65	135				
Hexachlorobutadiene	11.77	1.0	10	0	118	65	135				
Hexane	11.69	0.50	10	0	117	65	135				
m&p-Xylene	25.06	1.0	20	0	125	65	135				
Methyl tert-butyl ether	10.97	1.0	10	0	110	65	135				
Methylene chloride	10.12	0.50	10	0	101	65	135				
o-Xylene	11.66	0.50	10	0	117	65	135				
Propene (Propylene)	9.780	0.50	10	0	97.8	65	135				
Styrene	12.53	0.50	10	0	125	65	135				
Tetrachloroethene	12.25	0.50	10	0	122	65	135				
Tetrahydrofuran	10.76	2.0	10	0	108	65	135				
Toluene	12.03	0.50	10	0	120	65	135				
trans-1,2-Dichloroethene	11.89	0.50	10	0	119	65	135				
trans-1,3-Dichloropropene	11.40	0.50	10	0	114	65	135				
Trichloroethene	12.17	0.50	10	0	122	65	135				
Trichlorofluoromethane(F-11)	10.61	0.50	10	0	106	65	135				
Trichlorotrifluoroethane(F-113)	11.78	0.50	10	0	118	65	135				
Vinyl acetate	10.75	0.50	10	0	108	65	135				
Vinyl chloride	9.840	0.50	10	0	98.4	65	135				
Surr: 4-Bromofluorobenzene	9.510	0.50	10	0	95.1	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87821** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038903**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.42	0.50	10	0	104	65	135				
1,1,2,2-Tetrachloroethane	10.49	0.50	10	0	105	65	135				
1,1,2-Trichloroethane	10.71	0.50	10	0	107	65	135				
1,1-Dichloroethane	10.57	0.50	10	0	106	65	135				
1,1-Dichloroethene	10.56	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	11.26	2.0	10	0	113	65	135				
1,2,4-Trimethylbenzene	11.58	0.50	10	0	116	65	135				
1,2-Dibromoethane	10.74	0.50	10	0	107	65	135				
1,2-Dichlorobenzene	10.93	0.50	10	0	109	65	135				
1,2-Dichloroethane	9.740	0.50	10	0	97.4	65	135				
1,2-Dichloropropane	10.62	0.50	10	0	106	65	135				
1,3,5-Trimethylbenzene	11.32	0.50	10	0	113	65	135				
1,3-Butadiene	9.230	0.50	10	0	92.3	65	135				
1,3-Dichlorobenzene	11.08	0.50	10	0	111	65	135				
1,4-Dichlorobenzene	11.05	0.50	10	0	110	65	135				
2,2,4-Trimethylpentane	10.76	0.50	10	0	108	65	135				
2-Butanone (MEK)	11.57	1.0	10	0	116	65	135				
2-Hexanone	10.42	1.0	10	0	104	65	135				
2-Propanol	11.47	2.0	10	0	115	65	135				
4-Ethyltoluene	11.64	0.50	10	0	116	65	135				
4-Methyl-2-pentanone	10.94	1.0	10	0	109	65	135				
Acetone	8.590	5.0	10	0	85.9	65	135				
Allyl chloride	11.72	0.50	10	0	117	65	135				
Benzene	11.42	0.50	10	0	114	65	135				
Benzyl chloride	11.27	2.0	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87821** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038903**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	10.23	0.50	10	0	102	65	135				
Bromoethene(Vinyl Bromide)	10.00	0.50	10	0	100	65	135				
Bromoform	10.49	0.50	10	0	105	65	135				
Bromomethane	10.13	0.50	10	0	101	65	135				
Carbon disulfide	10.66	0.50	10	0	107	65	135				
Carbon tetrachloride	10.25	0.50	10	0	103	65	135				
Chlorobenzene	11.09	0.50	10	0	111	65	135				
Chloroethane	9.500	0.50	10	0	95.0	65	135				
Chloroform	10.49	0.50	10	0	105	65	135				
Chloromethane	9.530	0.50	10	0	95.3	65	135				
cis-1,2-Dichloroethene	11.65	0.50	10	0	116	65	135				
cis-1,3-Dichloropropene	11.03	0.50	10	0	110	65	135				
Cyclohexane	11.44	0.50	10	0	114	65	135				
Dibromochloromethane	10.54	0.50	10	0	105	65	135				
Dichlorodifluoromethane(F-12)	10.33	0.50	10	0	103	65	135				
Dichlorotetrafluoroethane(F-114)	10.70	0.50	10	0	107	65	135				
Ethyl Acetate	10.50	0.50	10	0	105	65	135				
Ethylbenzene	11.71	0.50	10	0	117	65	135				
Heptane	9.790	0.50	10	0	97.9	65	135				
Hexachlorobutadiene	10.46	1.0	10	0	105	65	135				
Hexane	11.57	0.50	10	0	116	65	135				
m&p-Xylene	23.58	1.0	20	0	118	65	135				
Methyl tert-butyl ether	11.15	1.0	10	0	112	65	135				
Methylene chloride	9.880	0.50	10	0	98.8	65	135				
o-Xylene	10.77	0.50	10	0	108	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87821** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038903**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	10.59	0.50	10	0	106	65	135				
Styrene	11.79	0.50	10	0	118	65	135				
Tetrachloroethene	11.25	0.50	10	0	112	65	135				
Tetrahydrofuran	10.74	2.0	10	0	107	65	135				
Toluene	11.34	0.50	10	0	113	65	135				
trans-1,2-Dichloroethene	11.53	0.50	10	0	115	65	135				
trans-1,3-Dichloropropene	10.89	0.50	10	0	109	65	135				
Trichloroethene	11.39	0.50	10	0	114	65	135				
Trichlorofluoromethane(F-11)	9.670	0.50	10	0	96.7	65	135				
Trichlorotrifluoroethane(F-113)	11.09	0.50	10	0	111	65	135				
Vinyl acetate	10.74	0.50	10	0	107	65	135				
Vinyl chloride	9.980	0.50	10	0	99.8	65	135				
Surr: 4-Bromofluorobenzene	9.550	0.50	10	0	95.5	70	130				

Sample ID: **LCSD-R87822** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.18	0.50	10	0	102	65	135	11.19	9.45	25	
1,1,2,2-Tetrachloroethane	10.21	0.50	10	0	102	65	135	11.14	8.71	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	11.40	10.6	25	
1,1-Dichloroethane	10.03	0.50	10	0	100	65	135	10.90	8.31	25	
1,1-Dichloroethene	10.34	0.50	10	0	103	65	135	10.85	4.81	25	
1,2,4-Trichlorobenzene	11.00	2.0	10	0	110	65	135	11.92	8.03	25	
1,2,4-Trimethylbenzene	10.91	0.50	10	0	109	65	135	12.02	9.68	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87822** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	10.56	0.50	10	0	106	65	135	11.55	8.96	25	
1,2-Dichlorobenzene	10.50	0.50	10	0	105	65	135	11.41	8.31	25	
1,2-Dichloroethane	9.430	0.50	10	0	94.3	65	135	10.39	9.69	25	
1,2-Dichloropropane	9.920	0.50	10	0	99.2	65	135	10.89	9.32	25	
1,3,5-Trimethylbenzene	10.90	0.50	10	0	109	65	135	12.11	10.5	25	
1,3-Butadiene	8.900	0.50	10	0	89.0	65	135	9.110	2.33	25	
1,3-Dichlorobenzene	10.54	0.50	10	0	105	65	135	11.59	9.49	25	
1,4-Dichlorobenzene	10.66	0.50	10	0	107	65	135	11.70	9.30	25	
2,2,4-Trimethylpentane	10.17	0.50	10	0	102	65	135	11.19	9.55	25	
2-Butanone (MEK)	10.07	1.0	10	0	101	65	135	11.53	13.5	25	
2-Hexanone	9.350	1.0	10	0	93.5	65	135	10.54	12.0	25	
2-Propanol	9.850	2.0	10	0	98.5	65	135	11.52	15.6	25	
4-Ethyltoluene	11.03	0.50	10	0	110	65	135	12.26	10.6	25	
4-Methyl-2-pentanone	9.860	1.0	10	0	98.6	65	135	11.34	14.0	25	
Acetone	7.260	5.0	10	0	72.6	65	135	8.490	15.6	25	
Allyl chloride	11.12	0.50	10	0	111	65	135	11.93	7.03	25	
Benzene	10.53	0.50	10	0	105	65	135	11.59	9.58	25	
Benzyl chloride	9.430	2.0	10	0	94.3	65	135	10.08	6.66	25	
Bromodichloromethane	10.10	0.50	10	0	101	65	135	11.15	9.88	25	
Bromoethene(Vinyl Bromide)	10.00	0.50	10	0	100	65	135	10.51	4.97	25	
Bromoform	10.55	0.50	10	0	106	65	135	11.60	9.48	25	
Bromomethane	10.09	0.50	10	0	101	65	135	10.50	3.98	25	
Carbon disulfide	10.39	0.50	10	0	104	65	135	10.95	5.25	25	
Carbon tetrachloride	10.15	0.50	10	0	102	65	135	11.22	10.0	25	
Chlorobenzene	10.70	0.50	10	0	107	65	135	11.84	10.1	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87822** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.050	0.50	10	0	90.5	65	135	9.500	4.85	25	
Chloroform	10.03	0.50	10	0	100	65	135	11.12	10.3	25	
Chloromethane	9.230	0.50	10	0	92.3	65	135	9.410	1.93	25	
cis-1,2-Dichloroethene	10.93	0.50	10	0	109	65	135	11.98	9.17	25	
cis-1,3-Dichloropropene	10.55	0.50	10	0	106	65	135	11.65	9.91	25	
Cyclohexane	10.47	0.50	10	0	105	65	135	11.50	9.38	25	
Dibromochloromethane	10.44	0.50	10	0	104	65	135	11.53	9.92	25	
Dichlorodifluoromethane(F-12)	10.66	0.50	10	0	107	65	135	10.86	1.86	25	
Dichlorotetrafluoroethane(F-114)	10.73	0.50	10	0	107	65	135	11.11	3.48	25	
Ethyl Acetate	9.200	0.50	10	0	92.0	65	135	10.62	14.3	25	
Ethylbenzene	11.07	0.50	10	0	111	65	135	12.43	11.6	25	
Heptane	9.510	0.50	10	0	95.1	65	135	10.43	9.23	25	
Hexachlorobutadiene	10.80	1.0	10	0	108	65	135	11.77	8.60	25	
Hexane	10.65	0.50	10	0	106	65	135	11.69	9.31	25	
m&p-Xylene	22.42	1.0	20	0	112	65	135	25.06	11.1	25	
Methyl tert-butyl ether	9.580	1.0	10	0	95.8	65	135	10.97	13.5	25	
Methylene chloride	9.440	0.50	10	0	94.4	65	135	10.12	6.95	25	
o-Xylene	10.45	0.50	10	0	104	65	135	11.66	10.9	25	
Propene (Propylene)	9.930	0.50	10	0	99.3	65	135	9.780	1.52	25	
Styrene	11.30	0.50	10	0	113	65	135	12.53	10.3	25	
Tetrachloroethene	11.23	0.50	10	0	112	65	135	12.25	8.69	25	
Tetrahydrofuran	9.440	2.0	10	0	94.4	65	135	10.76	13.1	25	
Toluene	10.89	0.50	10	0	109	65	135	12.03	9.95	25	
trans-1,2-Dichloroethene	11.08	0.50	10	0	111	65	135	11.89	7.05	25	
trans-1,3-Dichloropropene	10.33	0.50	10	0	103	65	135	11.40	9.85	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87822** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87822**
Client ID: Batch ID: **R87822** TestNo: **TO15** Analysis Date: **6/5/2007** SeqNo: **1038754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	11.03	0.50	10	0	110	65	135	12.17	9.83	25	
Trichlorofluoromethane(F-11)	10.14	0.50	10	0	101	65	135	10.61	4.53	25	
Trichlorotrifluoroethane(F-113)	10.87	0.50	10	0	109	65	135	11.78	8.04	25	
Vinyl acetate	9.200	0.50	10	0	92.0	65	135	10.75	15.5	25	
Vinyl chloride	9.640	0.50	10	0	96.4	65	135	9.840	2.05	25	
Surr: 4-Bromofluorobenzene	9.660	0.50	10	0	96.6	70	130	9.510	0	0	

Sample ID: **LCSD-R87821** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.42	0.50	10	0	104	65	135	10.42	0	25	
1,1,2,2-Tetrachloroethane	10.50	0.50	10	0	105	65	135	10.49	0.0953	25	
1,1,2-Trichloroethane	10.76	0.50	10	0	108	65	135	10.71	0.466	25	
1,1-Dichloroethane	10.41	0.50	10	0	104	65	135	10.57	1.53	25	
1,1-Dichloroethene	10.39	0.50	10	0	104	65	135	10.56	1.62	25	
1,2,4-Trichlorobenzene	11.33	2.0	10	0	113	65	135	11.26	0.620	25	
1,2,4-Trimethylbenzene	11.27	0.50	10	0	113	65	135	11.58	2.71	25	
1,2-Dibromoethane	10.87	0.50	10	0	109	65	135	10.74	1.20	25	
1,2-Dichlorobenzene	10.56	0.50	10	0	106	65	135	10.93	3.44	25	
1,2-Dichloroethane	9.710	0.50	10	0	97.1	65	135	9.740	0.308	25	
1,2-Dichloropropane	10.48	0.50	10	0	105	65	135	10.62	1.33	25	
1,3,5-Trimethylbenzene	11.31	0.50	10	0	113	65	135	11.32	0.0884	25	
1,3-Butadiene	8.990	0.50	10	0	89.9	65	135	9.230	2.63	25	
1,3-Dichlorobenzene	10.69	0.50	10	0	107	65	135	11.08	3.58	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87821** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	10.76	0.50	10	0	108	65	135	11.05	2.66	25	
2,2,4-Trimethylpentane	10.73	0.50	10	0	107	65	135	10.76	0.279	25	
2-Butanone (MEK)	11.38	1.0	10	0	114	65	135	11.57	1.66	25	
2-Hexanone	10.12	1.0	10	0	101	65	135	10.42	2.92	25	
2-Propanol	11.28	2.0	10	0	113	65	135	11.47	1.67	25	
4-Ethyltoluene	11.69	0.50	10	0	117	65	135	11.64	0.429	25	
4-Methyl-2-pentanone	10.83	1.0	10	0	108	65	135	10.94	1.01	25	
Acetone	8.260	5.0	10	0	82.6	65	135	8.590	3.92	25	
Allyl chloride	11.60	0.50	10	0	116	65	135	11.72	1.03	25	
Benzene	11.28	0.50	10	0	113	65	135	11.42	1.23	25	
Benzyl chloride	10.62	2.0	10	0	106	65	135	11.27	5.94	25	
Bromodichloromethane	10.24	0.50	10	0	102	65	135	10.23	0.0977	25	
Bromoethene(Vinyl Bromide)	9.870	0.50	10	0	98.7	65	135	10.00	1.31	25	
Bromoform	10.55	0.50	10	0	106	65	135	10.49	0.570	25	
Bromomethane	9.940	0.50	10	0	99.4	65	135	10.13	1.89	25	
Carbon disulfide	10.50	0.50	10	0	105	65	135	10.66	1.51	25	
Carbon tetrachloride	10.25	0.50	10	0	103	65	135	10.25	0	25	
Chlorobenzene	11.08	0.50	10	0	111	65	135	11.09	0.0902	25	
Chloroethane	9.280	0.50	10	0	92.8	65	135	9.500	2.34	25	
Chloroform	10.47	0.50	10	0	105	65	135	10.49	0.191	25	
Chloromethane	9.290	0.50	10	0	92.9	65	135	9.530	2.55	25	
cis-1,2-Dichloroethene	11.52	0.50	10	0	115	65	135	11.65	1.12	25	
cis-1,3-Dichloropropene	11.06	0.50	10	0	111	65	135	11.03	0.272	25	
Cyclohexane	11.28	0.50	10	0	113	65	135	11.44	1.41	25	
Dibromochloromethane	10.58	0.50	10	0	106	65	135	10.54	0.379	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87821** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87821**
Client ID: Batch ID: **R87821** TestNo: **TO15** Analysis Date: **6/4/2007** SeqNo: **1038904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	10.22	0.50	10	0	102	65	135	10.33	1.07	25	
Dichlorotetrafluoroethane(F-114)	10.61	0.50	10	0	106	65	135	10.70	0.845	25	
Ethyl Acetate	10.39	0.50	10	0	104	65	135	10.50	1.05	25	
Ethylbenzene	11.75	0.50	10	0	118	65	135	11.71	0.341	25	
Heptane	9.780	0.50	10	0	97.8	65	135	9.790	0.102	25	
Hexachlorobutadiene	10.65	1.0	10	0	106	65	135	10.46	1.80	25	
Hexane	11.43	0.50	10	0	114	65	135	11.57	1.22	25	
m&p-Xylene	23.51	1.0	20	0	118	65	135	23.58	0.297	25	
Methyl tert-butyl ether	10.89	1.0	10	0	109	65	135	11.15	2.36	25	
Methylene chloride	9.760	0.50	10	0	97.6	65	135	9.880	1.22	25	
o-Xylene	10.78	0.50	10	0	108	65	135	10.77	0.0928	25	
Propene (Propylene)	10.25	0.50	10	0	103	65	135	10.59	3.26	25	
Styrene	11.81	0.50	10	0	118	65	135	11.79	0.169	25	
Tetrachloroethene	11.30	0.50	10	0	113	65	135	11.25	0.443	25	
Tetrahydrofuran	10.62	2.0	10	0	106	65	135	10.74	1.12	25	
Toluene	11.36	0.50	10	0	114	65	135	11.34	0.176	25	
trans-1,2-Dichloroethene	11.52	0.50	10	0	115	65	135	11.53	0.0868	25	
trans-1,3-Dichloropropene	11.01	0.50	10	0	110	65	135	10.89	1.10	25	
Trichloroethene	11.37	0.50	10	0	114	65	135	11.39	0.176	25	
Trichlorofluoromethane(F-11)	9.570	0.50	10	0	95.7	65	135	9.670	1.04	25	
Trichlorotrifluoroethane(F-113)	11.02	0.50	10	0	110	65	135	11.09	0.633	25	
Vinyl acetate	10.65	0.50	10	0	106	65	135	10.74	0.842	25	
Vinyl chloride	9.790	0.50	10	0	97.9	65	135	9.980	1.92	25	
Surr: 4-Bromofluorobenzene	9.590	0.50	10	0	95.9	70	130	9.550	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R87785** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87785**
Client ID: Batch ID: **R87785** TestNo: **TO15Modifie** Analysis Date: **6/4/2007** SeqNo: **1038231**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	88.45	0	72.3	0	122	70	130				

Sample ID: **MB-R87827** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87827**
Client ID: Batch ID: **R87827** TestNo: **TO15Modifie** Analysis Date: **6/5/2007** SeqNo: **1038818**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	94.46	0	72.3	0	131	70	130				S11

Sample ID: **LCS-R87785** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87785**
Client ID: Batch ID: **R87785** TestNo: **TO15Modifie** Analysis Date: **6/4/2007** SeqNo: **1038232**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2024	500	2500	0	81.0	60	140				
Surr: 4-Bromofluorobenzene	94.85	0	72.3	0	131	70	130				S11

Sample ID: **LCS-R87827** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87827**
Client ID: Batch ID: **R87827** TestNo: **TO15Modifie** Analysis Date: **6/5/2007** SeqNo: **1038859**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2119	500	2500	0	84.8	60	140				
Surr: 4-Bromofluorobenzene	109.9	0	72.3	0	152	70	130				S11

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *07-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060083
Project: Silvercroft Wash/014-10022-13 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **LCSD-R87785** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87785**
Client ID: Batch ID: **R87785** TestNo: **TO15Modifie** Analysis Date: **6/4/2007** SeqNo: **1038235**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	1837	500	2500	0	73.5	60	140	2024	9.73	35	
Surr: 4-Bromofluorobenzene	91.56	0	72.3	0	127	70	130	94.85	0	0	

Sample ID: **LCSD-R87827** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87827**
Client ID: Batch ID: **R87827** TestNo: **TO15Modifie** Analysis Date: **6/5/2007** SeqNo: **1038864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	1860	500	2500	0	74.4	60	140	2119	13.0	35	
Surr: 4-Bromofluorobenzene	96.32	0	72.3	0	133	70	130	109.9	0	0	S11

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist — Project Checked By: [illegible] 6/4/07

Laboratory Number: 0706 0083	Completed By/On: [illegible] 6/4/07
Client Name: LPR	Date/Time Rec'd: 6/4/07 1644 By: PF
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
Samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
- Brass Sleeve
- Glass Jar
- Methanol
- Plastic Bag
- Encore Samplers
- Sterile Plastic

Total number of bottles received: 5 — IH sample media: 1L Air Canister

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
General	5										
HNO3											
H2SO4											
HCl											
Na2S2O3											
NaOH											
Sulfide											
Sulfite											
ZnAA											
Methanol											
TCA											
Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Total-pH acceptable upon receipt? Yes No N/A X

Preservative & pH	pH of samples upon receipt
[illegible] <2	
[illegible] <2	
[illegible] <2	
[illegible]le >12	
[illegible] >9	

If pH requires adjustment, list sample number and reagent I.D. number.

Comments:

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07060083

Customer Number:	**Page** ____ **of** ____
Customer: LFR inc	**Sampler:** Ryan O'Keefe
Address: 14201 N 87th St.	**Project Name:** Silvercroft wash
City, State, Zip: Scottsdale AZ 85260	**Project Number:** 014-10022-13 phase 007
Contact: Michael Nesky	**P.O. Number:**
Phone: 480-905-9311 **Fax:**	**Fax Results:** Y (N)
E-Mail Address: michael.nesky@lfr.com	**E-Mail Results:** (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No NA
Total # of Containers: 5

Turn Around Request

____ 24 Hours X 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TO-15 SIM
1	0232	6, (1) 0.4	VSP-1-060407	6-4-07	14:20	Air				X		X
2	1309	6, (1) 0.4	VSP-2-060407	|	14:26	|				|		|
3	1444	6, (1) 0.4	VSP-3-060407	|	14:31	|				|		|
4	0934	6, (1) 0.4	VSP-31-060407	|	14:34	|				|		|
5	0272	6, (1) 0.4	VSP-4-060407	|	14:37	|				|		|
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
6/4/07	1644	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Tuesday, June 12, 2007

Mike Nesky
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft Wash/014-1002213 Phase 007

Order No.: 07060271

Dear Mike Nesky:

Aerotech Environmental Laboratories received 5 sample(s) on 6/7/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft Wash/014-1002213 Phase 007
Lab Order: 07060271

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix.
D2 Sample required dilution due to high concentration of target analyte.

Aerotech Environmental Laboratories

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft Wash/014-1002213 Phase 007
Lab Order: 07060271

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07060271-01A	VSP-4-060707 (Eff)	0271	6/7/2007 4:00:00 PM	6/7/2007
07060271-02A	VSP-3-060707 (Mid Car)	1312	6/7/2007 4:03:00 PM	6/7/2007
07060271-03A	VSP-2-060707 (Post Ox)	0750	6/7/2007 4:10:00 PM	6/7/2007
07060271-04A	VSP-2-060707 (Post Ox) D	0141	6/7/2007 4:13:00 PM	6/7/2007
07060271-05A	VSP-1-060707 (Inf)	0204	6/7/2007 4:18:00 PM	6/7/2007

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-060707 (Eff)
Lab Order:	07060271	**Tag Number:**	0271
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:00:00 PM
Lab ID:	07060271-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1-Dichloroethene	0.75	0.50		ppbv	1	6/8/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/8/2007
1,2,4-Trimethylbenzene	0.75	0.50		ppbv	1	6/8/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/8/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/8/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
2,2,4-Trimethylpentane	0.55	0.50		ppbv	1	6/8/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/8/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/8/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/8/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	6/8/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/8/2007
Acetone	< 5.0	5.0		ppbv	1	6/8/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/8/2007
Benzene	0.62	0.50		ppbv	1	6/8/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	6/8/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/8/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/8/2007
Bromoform	< 0.50	0.50		ppbv	1	6/8/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/8/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/8/2007
Carbon tetrachloride	1.2	0.50		ppbv	1	6/8/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/8/2007
Chloroform	230	4.0	D2	ppbv	8	6/11/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/8/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-060707 (Eff)
Lab Order:	07060271	**Tag Number:**	0271
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:00:00 PM
Lab ID:	07060271-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/8/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/8/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	6/8/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/8/2007
Ethyl Acetate	2.1	0.50		ppbv	1	6/8/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	6/8/2007
Heptane	< 0.50	0.50		ppbv	1	6/8/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/8/2007
Hexane	< 0.50	0.50		ppbv	1	6/8/2007
m&p-Xylene	1.3	1.0		ppbv	1	6/8/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	6/8/2007
Methylene chloride	3.7	0.50		ppbv	1	6/8/2007
o-Xylene	0.56	0.50		ppbv	1	6/8/2007
Propene (Propylene)	290	4.0	D2	ppbv	8	6/11/2007
Styrene	< 0.50	0.50		ppbv	1	6/8/2007
Tetrachloroethene	11	0.50		ppbv	1	6/8/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	6/8/2007
Toluene	1.8	0.50		ppbv	1	6/8/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/8/2007
Trichloroethene	37	0.50		ppbv	1	6/8/2007
Trichlorofluoromethane(F-11)	8.6	0.50		ppbv	1	6/8/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/8/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/8/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/8/2007
Surr: 4-Bromofluorobenzene	94.9	70-130		%REC	1	6/8/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **YS**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/8/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-060707 (Mid Car)
Lab Order:	07060271	**Tag Number:**	1312
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:03:00 PM
Lab ID:	07060271-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/8/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/8/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/8/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
2,2,4-Trimethylpentane	0.98	0.50		ppbv	1	6/8/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/8/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/8/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/8/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	6/8/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/8/2007
Acetone	11	5.0		ppbv	1	6/8/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/8/2007
Benzene	< 0.50	0.50		ppbv	1	6/8/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	6/8/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/8/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/8/2007
Bromoform	< 0.50	0.50		ppbv	1	6/8/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/8/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/8/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/8/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/8/2007
Chloroform	< 0.50	0.50		ppbv	1	6/8/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/8/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-060707 (Mid Car)
Lab Order:	07060271	**Tag Number:**	1312
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:03:00 PM
Lab ID:	07060271-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/8/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/8/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	6/8/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/8/2007
Ethyl Acetate	3.0	0.50		ppbv	1	6/8/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	6/8/2007
Heptane	< 0.50	0.50		ppbv	1	6/8/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/8/2007
Hexane	< 0.50	0.50		ppbv	1	6/8/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	6/8/2007
Methyl tert-butyl ether	1.4	1.0		ppbv	1	6/8/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/8/2007
o-Xylene	< 0.50	0.50		ppbv	1	6/8/2007
Propene (Propylene)	21	0.50		ppbv	1	6/8/2007
Styrene	< 0.50	0.50		ppbv	1	6/8/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	6/8/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	6/8/2007
Toluene	1.8	0.50		ppbv	1	6/8/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/8/2007
Trichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/8/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/8/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/8/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/8/2007
Surr: 4-Bromofluorobenzene	94.3	70-130		%REC	1	6/8/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **YS**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/8/2007
Surr: 4-Bromofluorobenzene	95.3	70-130		%REC	5	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-060707 (Post Ox)
Lab Order:	07060271	**Tag Number:**	0750
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:10:00 PM
Lab ID:	07060271-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/8/2007
1,2,4-Trimethylbenzene	5.0	0.50		ppbv	1	6/8/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/8/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/8/2007
1,3,5-Trimethylbenzene	1.2	0.50		ppbv	1	6/8/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/8/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
1,4-Dichlorobenzene	5.3	0.50		ppbv	1	6/8/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	6/8/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/8/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/8/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/8/2007
4-Ethyltoluene	1.6	0.50		ppbv	1	6/8/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/8/2007
Acetone	13	5.0		ppbv	1	6/8/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/8/2007
Benzene	< 0.50	0.50		ppbv	1	6/8/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	6/8/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/8/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/8/2007
Bromoform	< 0.50	0.50		ppbv	1	6/8/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/8/2007
Carbon disulfide	1.8	0.50		ppbv	1	6/8/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/8/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/8/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/8/2007
Chloroform	< 0.50	0.50		ppbv	1	6/8/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/8/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-060707 (Post Ox)
Lab Order:	07060271	**Tag Number:**	0750
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:10:00 PM
Lab ID:	07060271-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/8/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/8/2007
Dichlorodifluoromethane(F-12)	0.50	0.50		ppbv	1	6/8/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/8/2007
Ethyl Acetate	0.62	0.50		ppbv	1	6/8/2007
Ethylbenzene	1.6	0.50		ppbv	1	6/8/2007
Heptane	< 0.50	0.50		ppbv	1	6/8/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/8/2007
Hexane	< 0.50	0.50		ppbv	1	6/8/2007
m&p-Xylene	3.2	1.0		ppbv	1	6/8/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	6/8/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/8/2007
o-Xylene	1.3	0.50		ppbv	1	6/8/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/8/2007
Styrene	< 0.50	0.50		ppbv	1	6/8/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	6/8/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	6/8/2007
Toluene	2.5	0.50		ppbv	1	6/8/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/8/2007
Trichloroethene	< 0.50	0.50		ppbv	1	6/8/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/8/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/8/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/8/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/8/2007
Surr: 4-Bromofluorobenzene	91.3	70-130		%REC	1	6/8/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **YS**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/8/2007
Surr: 4-Bromofluorobenzene	92.2	70-130		%REC	5	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-060707 (Post Ox) D
Lab Order:	07060271	**Tag Number:**	0141
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:13:00 PM
Lab ID:	07060271-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/11/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/11/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/11/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/11/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/11/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/11/2007
1,2,4-Trimethylbenzene	11	0.50		ppbv	1	6/11/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/11/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/11/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/11/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/11/2007
1,3,5-Trimethylbenzene	3.0	0.50		ppbv	1	6/11/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/11/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/11/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/11/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	6/11/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/11/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/11/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/11/2007
4-Ethyltoluene	5.6	0.50		ppbv	1	6/11/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/11/2007
Acetone	11	5.0		ppbv	1	6/11/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/11/2007
Benzene	0.68	0.50		ppbv	1	6/11/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	6/11/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/11/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/11/2007
Bromoform	< 0.50	0.50		ppbv	1	6/11/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/11/2007
Carbon disulfide	1.1	0.50		ppbv	1	6/11/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/11/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/11/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/11/2007
Chloroform	< 0.50	0.50		ppbv	1	6/11/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/11/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/11/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-060707 (Post Ox) D
Lab Order:	07060271	**Tag Number:**	0141
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:13:00 PM
Lab ID:	07060271-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/11/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/11/2007
Dichlorodifluoromethane(F-12)	0.56	0.50		ppbv	1	6/11/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/11/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	6/11/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	6/11/2007
Heptane	1.3	0.50		ppbv	1	6/11/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/11/2007
Hexane	0.70	0.50		ppbv	1	6/11/2007
m&p-Xylene	7.8	1.0		ppbv	1	6/11/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	6/11/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/11/2007
o-Xylene	3.2	0.50		ppbv	1	6/11/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/11/2007
Styrene	< 0.50	0.50		ppbv	1	6/11/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	6/11/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	6/11/2007
Toluene	1.6	0.50		ppbv	1	6/11/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/11/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/11/2007
Trichloroethene	0.89	0.50		ppbv	1	6/11/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/11/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/11/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/11/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/11/2007
Surr: 4-Bromofluorobenzene	95.8	70-130		%REC	1	6/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **YS**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/8/2007
Surr: 4-Bromofluorobenzene	96.3	70-130		%REC	5	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-060707 (Inf)
Lab Order:	07060271	**Tag Number:**	0204
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:18:00 PM
Lab ID:	07060271-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 100000	100000		ppbv	200000	6/11/2007
1,1,2,2-Tetrachloroethane	< 100000	100000		ppbv	200000	6/11/2007
1,1,2-Trichloroethane	< 100000	100000		ppbv	200000	6/11/2007
1,1-Dichloroethane	< 100000	100000		ppbv	200000	6/11/2007
1,1-Dichloroethene	< 100000	100000		ppbv	200000	6/11/2007
1,2,4-Trichlorobenzene	< 400000	400000		ppbv	200000	6/11/2007
1,2,4-Trimethylbenzene	< 100000	100000		ppbv	200000	6/11/2007
1,2-Dibromoethane	< 100000	100000		ppbv	200000	6/11/2007
1,2-Dichlorobenzene	< 100000	100000		ppbv	200000	6/11/2007
1,2-Dichloroethane	< 100000	100000		ppbv	200000	6/11/2007
1,2-Dichloropropane	< 100000	100000		ppbv	200000	6/11/2007
1,3,5-Trimethylbenzene	< 100000	100000		ppbv	200000	6/11/2007
1,3-Butadiene	< 100000	100000		ppbv	200000	6/11/2007
1,3-Dichlorobenzene	< 100000	100000		ppbv	200000	6/11/2007
1,4-Dichlorobenzene	< 100000	100000		ppbv	200000	6/11/2007
2,2,4-Trimethylpentane	6000000	100000	D2	ppbv	200000	6/11/2007
2-Butanone (MEK)	< 200000	200000		ppbv	200000	6/11/2007
2-Hexanone	< 200000	200000		ppbv	200000	6/11/2007
2-Propanol	< 400000	400000		ppbv	200000	6/11/2007
4-Ethyltoluene	< 100000	100000		ppbv	200000	6/11/2007
4-Methyl-2-pentanone	< 200000	200000		ppbv	200000	6/11/2007
Acetone	< 1000000	1000000		ppbv	200000	6/11/2007
Allyl chloride	< 100000	100000		ppbv	200000	6/11/2007
Benzene	2000000	100000	D2	ppbv	200000	6/11/2007
Benzyl chloride	< 400000	400000		ppbv	200000	6/11/2007
Bromodichloromethane	< 100000	100000		ppbv	200000	6/11/2007
Bromoethene(Vinyl Bromide)	< 100000	100000		ppbv	200000	6/11/2007
Bromoform	< 100000	100000		ppbv	200000	6/11/2007
Bromomethane	< 100000	100000		ppbv	200000	6/11/2007
Carbon disulfide	< 100000	100000		ppbv	200000	6/11/2007
Carbon tetrachloride	< 100000	100000		ppbv	200000	6/11/2007
Chlorobenzene	< 100000	100000		ppbv	200000	6/11/2007
Chloroethane	< 100000	100000		ppbv	200000	6/11/2007
Chloroform	< 100000	100000		ppbv	200000	6/11/2007
Chloromethane	< 100000	100000		ppbv	200000	6/11/2007
cis-1,2-Dichloroethene	< 100000	100000		ppbv	200000	6/11/2007
cis-1,3-Dichloropropene	< 100000	100000		ppbv	200000	6/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *12-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-060707 (Inf)
Lab Order:	07060271	**Tag Number:**	0204
Project:	Silvercroft Wash/014-1002213 Phase 007	**Collection Date:**	6/7/2007 4:18:00 PM
Lab ID:	07060271-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	2300000	100000	D2	ppbv	200000	6/11/2007
Dibromochloromethane	< 100000	100000		ppbv	200000	6/11/2007
Dichlorodifluoromethane(F-12)	< 100000	100000		ppbv	200000	6/11/2007
Dichlorotetrafluoroethane(F-114)	< 100000	100000		ppbv	200000	6/11/2007
Ethyl Acetate	< 100000	100000		ppbv	200000	6/11/2007
Ethylbenzene	200000	100000	D2	ppbv	200000	6/11/2007
Heptane	1300000	100000	D2	ppbv	200000	6/11/2007
Hexachlorobutadiene	< 200000	200000		ppbv	200000	6/11/2007
Hexane	3100000	100000	D2	ppbv	200000	6/11/2007
m&p-Xylene	590000	200000	D2	ppbv	200000	6/11/2007
Methyl tert-butyl ether	7100000	200000	D2	ppbv	200000	6/11/2007
Methylene chloride	< 100000	100000		ppbv	200000	6/11/2007
o-Xylene	160000	100000	D2	ppbv	200000	6/11/2007
Propene (Propylene)	< 100000	100000		ppbv	200000	6/11/2007
Styrene	< 100000	100000		ppbv	200000	6/11/2007
Tetrachloroethene	< 100000	100000		ppbv	200000	6/11/2007
Tetrahydrofuran	< 400000	400000		ppbv	200000	6/11/2007
Toluene	3300000	100000	D2	ppbv	200000	6/11/2007
trans-1,2-Dichloroethene	< 100000	100000		ppbv	200000	6/11/2007
trans-1,3-Dichloropropene	< 100000	100000		ppbv	200000	6/11/2007
Trichloroethene	< 100000	100000		ppbv	200000	6/11/2007
Trichlorofluoromethane(F-11)	< 100000	100000		ppbv	200000	6/11/2007
Trichlorotrifluoroethane(F-113)	< 100000	100000		ppbv	200000	6/11/2007
Vinyl acetate	< 100000	100000		ppbv	200000	6/11/2007
Vinyl chloride	< 100000	100000		ppbv	200000	6/11/2007
Surr: 4-Bromofluorobenzene	82.1	70-130		%REC	200000	6/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **YS**
Gasoline Hydrocarbons: C6-C10	320000000	50000000	D2	µg/m³	100000	6/8/2007
Surr: 4-Bromofluorobenzene	87.9	70-130		%REC	100000	6/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

12-Jun-07

Lab Order: 07060271
Client: LFR - Levine Fricke
Project: Silvercroft Wash/014-1002213 Pha

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07060271-01A	VSP-4-060707 (Eff)	6/7/2007 4:00:00 PM	Air	Gasoline Hydrocarbons in Air			6/8/2007
				Volatile Organics in Air			6/11/2007
				Volatile Organics in Air			6/8/2007
07060271-02A	VSP-3-060707 (Mid Car)	6/7/2007 4:03:00 PM		Gasoline Hydrocarbons in Air			6/8/2007
				Volatile Organics in Air			6/8/2007
07060271-03A	VSP-2-060707 (Post Ox)	6/7/2007 4:10:00 PM		Gasoline Hydrocarbons in Air			6/8/2007
				Volatile Organics in Air			6/8/2007
07060271-04A	VSP-2-060707 (Post Ox) D	6/7/2007 4:13:00 PM		Gasoline Hydrocarbons in Air			6/8/2007
				Volatile Organics in Air			6/11/2007
07060271-05A	VSP-1-060707 (Inf)	6/7/2007 4:18:00 PM		Gasoline Hydrocarbons in Air			6/8/2007
				Volatile Organics in Air			6/11/2007

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Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87960** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87960** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87960** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.790	0.50	10	0	97.9	70	130				

Sample ID: **MB-R87979** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040674**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87979** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040674**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87979** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040674**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R87979** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040674**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.220	0.50	10	0	92.2	70	130				

Sample ID: **LCS-R87960** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.13	0.50	10	0	111	65	135				
1,1,2,2-Tetrachloroethane	10.58	0.50	10	0	106	65	135				
1,1,2-Trichloroethane	10.95	0.50	10	0	110	65	135				
1,1-Dichloroethane	10.46	0.50	10	0	105	65	135				
1,1-Dichloroethene	10.61	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	11.24	2.0	10	0	112	65	135				
1,2,4-Trimethylbenzene	12.19	0.50	10	0	122	65	135				
1,2-Dibromoethane	11.23	0.50	10	0	112	65	135				
1,2-Dichlorobenzene	11.65	0.50	10	0	116	65	135				
1,2-Dichloroethane	10.44	0.50	10	0	104	65	135				
1,2-Dichloropropane	10.22	0.50	10	0	102	65	135				
1,3,5-Trimethylbenzene	11.91	0.50	10	0	119	65	135				
1,3-Butadiene	9.640	0.50	10	0	96.4	65	135				
1,3-Dichlorobenzene	11.70	0.50	10	0	117	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87960** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.73	0.50	10	0	117	65	135				
2,2,4-Trimethylpentane	10.57	0.50	10	0	106	65	135				
2-Butanone (MEK)	10.90	1.0	10	0	109	65	135				
2-Hexanone	9.650	1.0	10	0	96.5	65	135				
2-Propanol	10.64	2.0	10	0	106	65	135				
4-Ethyltoluene	12.03	0.50	10	0	120	65	135				
4-Methyl-2-pentanone	10.85	1.0	10	0	108	65	135				
Acetone	8.710	5.0	10	0	87.1	65	135				
Allyl chloride	11.04	0.50	10	0	110	65	135				
Benzene	11.00	0.50	10	0	110	65	135				
Benzyl chloride	11.58	2.0	10	0	116	65	135				
Bromodichloromethane	10.95	0.50	10	0	110	65	135				
Bromoethene(Vinyl Bromide)	10.55	0.50	10	0	106	65	135				
Bromoform	11.39	0.50	10	0	114	65	135				
Bromomethane	10.49	0.50	10	0	105	65	135				
Carbon disulfide	10.46	0.50	10	0	105	65	135				
Carbon tetrachloride	11.32	0.50	10	0	113	65	135				
Chlorobenzene	11.19	0.50	10	0	112	65	135				
Chloroethane	9.630	0.50	10	0	96.3	65	135				
Chloroform	10.93	0.50	10	0	109	65	135				
Chloromethane	9.730	0.50	10	0	97.3	65	135				
cis-1,2-Dichloroethene	11.51	0.50	10	0	115	65	135				
cis-1,3-Dichloropropene	11.09	0.50	10	0	111	65	135				
Cyclohexane	10.90	0.50	10	0	109	65	135				
Dibromochloromethane	11.31	0.50	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87960** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040395**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.12	0.50	10	0	111	65	135				
Dichlorotetrafluoroethane(F-114)	11.18	0.50	10	0	112	65	135				
Ethyl Acetate	10.11	0.50	10	0	101	65	135				
Ethylbenzene	11.80	0.50	10	0	118	65	135				
Heptane	10.17	0.50	10	0	102	65	135				
Hexachlorobutadiene	11.43	1.0	10	0	114	65	135				
Hexane	11.02	0.50	10	0	110	65	135				
m&p-Xylene	23.03	1.0	20	0	115	65	135				
Methyl tert-butyl ether	10.50	1.0	10	0	105	65	135				
Methylene chloride	9.810	0.50	10	0	98.1	65	135				
o-Xylene	11.14	0.50	10	0	111	65	135				
Propene (Propylene)	9.870	0.50	10	0	98.7	65	135				
Styrene	11.88	0.50	10	0	119	65	135				
Tetrachloroethene	11.91	0.50	10	0	119	65	135				
Tetrahydrofuran	10.12	2.0	10	0	101	65	135				
Toluene	11.50	0.50	10	0	115	65	135				
trans-1,2-Dichloroethene	11.33	0.50	10	0	113	65	135				
trans-1,3-Dichloropropene	11.14	0.50	10	0	111	65	135				
Trichloroethene	11.72	0.50	10	0	117	65	135				
Trichlorofluoromethane(F-11)	11.17	0.50	10	0	112	65	135				
Trichlorotrifluoroethane(F-113)	11.45	0.50	10	0	114	65	135				
Vinyl acetate	10.25	0.50	10	0	103	65	135				
Vinyl chloride	9.970	0.50	10	0	99.7	65	135				
Surr: 4-Bromofluorobenzene	9.960	0.50	10	0	99.6	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87979** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040676**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.66	0.50	10	0	117	65	135				
1,1,2,2-Tetrachloroethane	10.90	0.50	10	0	109	65	135				
1,1,2-Trichloroethane	11.09	0.50	10	0	111	65	135				
1,1-Dichloroethane	10.72	0.50	10	0	107	65	135				
1,1-Dichloroethene	10.91	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	11.64	2.0	10	0	116	65	135				
1,2,4-Trimethylbenzene	12.46	0.50	10	0	125	65	135				
1,2-Dibromoethane	11.43	0.50	10	0	114	65	135				
1,2-Dichlorobenzene	12.06	0.50	10	0	121	65	135				
1,2-Dichloroethane	10.79	0.50	10	0	108	65	135				
1,2-Dichloropropane	10.43	0.50	10	0	104	65	135				
1,3,5-Trimethylbenzene	12.20	0.50	10	0	122	65	135				
1,3-Butadiene	9.710	0.50	10	0	97.1	65	135				
1,3-Dichlorobenzene	12.13	0.50	10	0	121	65	135				
1,4-Dichlorobenzene	12.21	0.50	10	0	122	65	135				
2,2,4-Trimethylpentane	10.83	0.50	10	0	108	65	135				
2-Butanone (MEK)	10.88	1.0	10	0	109	65	135				
2-Hexanone	10.34	1.0	10	0	103	65	135				
2-Propanol	11.15	2.0	10	0	112	65	135				
4-Ethyltoluene	12.25	0.50	10	0	122	65	135				
4-Methyl-2-pentanone	10.99	1.0	10	0	110	65	135				
Acetone	9.050	5.0	10	0	90.5	65	135				
Allyl chloride	11.42	0.50	10	0	114	65	135				
Benzene	11.19	0.50	10	0	112	65	135				
Benzyl chloride	12.73	2.0	10	0	127	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87979** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040676**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	11.29	0.50	10	0	113	65	135				
Bromoethene(Vinyl Bromide)	10.76	0.50	10	0	108	65	135				
Bromoform	11.85	0.50	10	0	118	65	135				
Bromomethane	10.59	0.50	10	0	106	65	135				
Carbon disulfide	10.68	0.50	10	0	107	65	135				
Carbon tetrachloride	11.78	0.50	10	0	118	65	135				
Chlorobenzene	11.56	0.50	10	0	116	65	135				
Chloroethane	9.590	0.50	10	0	95.9	65	135				
Chloroform	11.21	0.50	10	0	112	65	135				
Chloromethane	9.920	0.50	10	0	99.2	65	135				
cis-1,2-Dichloroethene	11.61	0.50	10	0	116	65	135				
cis-1,3-Dichloropropene	11.47	0.50	10	0	115	65	135				
Cyclohexane	11.18	0.50	10	0	112	65	135				
Dibromochloromethane	11.58	0.50	10	0	116	65	135				
Dichlorodifluoromethane(F-12)	11.48	0.50	10	0	115	65	135				
Dichlorotetrafluoroethane(F-114)	11.39	0.50	10	0	114	65	135				
Ethyl Acetate	10.19	0.50	10	0	102	65	135				
Ethylbenzene	12.06	0.50	10	0	121	65	135				
Heptane	10.52	0.50	10	0	105	65	135				
Hexachlorobutadiene	11.51	1.0	10	0	115	65	135				
Hexane	11.22	0.50	10	0	112	65	135				
m&p-Xylene	24.37	1.0	20	0	122	65	135				
Methyl tert-butyl ether	11.05	1.0	10	0	110	65	135				
Methylene chloride	10.03	0.50	10	0	100	65	135				
o-Xylene	11.58	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R87979** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040676**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	10.23	0.50	10	0	102	65	135				
Styrene	12.23	0.50	10	0	122	65	135				
Tetrachloroethene	12.17	0.50	10	0	122	65	135				
Tetrahydrofuran	10.23	2.0	10	0	102	65	135				
Toluene	11.68	0.50	10	0	117	65	135				
trans-1,2-Dichloroethene	11.55	0.50	10	0	116	65	135				
trans-1,3-Dichloropropene	11.53	0.50	10	0	115	65	135				
Trichloroethene	12.03	0.50	10	0	120	65	135				
Trichlorofluoromethane(F-11)	11.70	0.50	10	0	117	65	135				
Trichlorotrifluoroethane(F-113)	11.69	0.50	10	0	117	65	135				
Vinyl acetate	10.51	0.50	10	0	105	65	135				
Vinyl chloride	9.990	0.50	10	0	99.9	65	135				
Surr: 4-Bromofluorobenzene	9.630	0.50	10	0	96.3	70	130				

Sample ID: **LCSD-R87960** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.12	0.50	10	0	111	65	135	11.13	0.0899	25	
1,1,2,2-Tetrachloroethane	10.58	0.50	10	0	106	65	135	10.58	0	25	
1,1,2-Trichloroethane	10.94	0.50	10	0	109	65	135	10.95	0.0914	25	
1,1-Dichloroethane	10.40	0.50	10	0	104	65	135	10.46	0.575	25	
1,1-Dichloroethene	10.56	0.50	10	0	106	65	135	10.61	0.472	25	
1,2,4-Trichlorobenzene	11.31	2.0	10	0	113	65	135	11.24	0.621	25	
1,2,4-Trimethylbenzene	12.05	0.50	10	0	120	65	135	12.19	1.16	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87960** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.19	0.50	10	0	112	65	135	11.23	0.357	25	
1,2-Dichlorobenzene	11.55	0.50	10	0	116	65	135	11.65	0.862	25	
1,2-Dichloroethane	10.43	0.50	10	0	104	65	135	10.44	0.0958	25	
1,2-Dichloropropane	10.28	0.50	10	0	103	65	135	10.22	0.585	25	
1,3,5-Trimethylbenzene	11.83	0.50	10	0	118	65	135	11.91	0.674	25	
1,3-Butadiene	9.340	0.50	10	0	93.4	65	135	9.640	3.16	25	
1,3-Dichlorobenzene	11.66	0.50	10	0	117	65	135	11.70	0.342	25	
1,4-Dichlorobenzene	11.75	0.50	10	0	118	65	135	11.73	0.170	25	
2,2,4-Trimethylpentane	10.56	0.50	10	0	106	65	135	10.57	0.0947	25	
2-Butanone (MEK)	11.04	1.0	10	0	110	65	135	10.90	1.28	25	
2-Hexanone	10.21	1.0	10	0	102	65	135	9.650	5.64	25	
2-Propanol	10.87	2.0	10	0	109	65	135	10.64	2.14	25	
4-Ethyltoluene	11.97	0.50	10	0	120	65	135	12.03	0.500	25	
4-Methyl-2-pentanone	10.87	1.0	10	0	109	65	135	10.85	0.184	25	
Acetone	8.690	5.0	10	0	86.9	65	135	8.710	0.230	25	
Allyl chloride	11.26	0.50	10	0	113	65	135	11.04	1.97	25	
Benzene	11.07	0.50	10	0	111	65	135	11.00	0.634	25	
Benzyl chloride	11.74	2.0	10	0	117	65	135	11.58	1.37	25	
Bromodichloromethane	10.92	0.50	10	0	109	65	135	10.95	0.274	25	
Bromoethene(Vinyl Bromide)	10.37	0.50	10	0	104	65	135	10.55	1.72	25	
Bromoform	11.33	0.50	10	0	113	65	135	11.39	0.528	25	
Bromomethane	10.41	0.50	10	0	104	65	135	10.49	0.766	25	
Carbon disulfide	10.40	0.50	10	0	104	65	135	10.46	0.575	25	
Carbon tetrachloride	11.28	0.50	10	0	113	65	135	11.32	0.354	25	
Chlorobenzene	11.18	0.50	10	0	112	65	135	11.19	0.0894	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87960** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.540	0.50	10	0	95.4	65	135	9.630	0.939	25	
Chloroform	10.95	0.50	10	0	110	65	135	10.93	0.183	25	
Chloromethane	9.590	0.50	10	0	95.9	65	135	9.730	1.45	25	
cis-1,2-Dichloroethene	11.48	0.50	10	0	115	65	135	11.51	0.261	25	
cis-1,3-Dichloropropene	11.10	0.50	10	0	111	65	135	11.09	0.0901	25	
Cyclohexane	10.90	0.50	10	0	109	65	135	10.90	0	25	
Dibromochloromethane	11.30	0.50	10	0	113	65	135	11.31	0.0885	25	
Dichlorodifluoromethane(F-12)	11.07	0.50	10	0	111	65	135	11.12	0.451	25	
Dichlorotetrafluoroethane(F-114)	11.14	0.50	10	0	111	65	135	11.18	0.358	25	
Ethyl Acetate	10.04	0.50	10	0	100	65	135	10.11	0.695	25	
Ethylbenzene	11.74	0.50	10	0	117	65	135	11.80	0.510	25	
Heptane	10.15	0.50	10	0	102	65	135	10.17	0.197	25	
Hexachlorobutadiene	11.34	1.0	10	0	113	65	135	11.43	0.791	25	
Hexane	11.05	0.50	10	0	110	65	135	11.02	0.272	25	
m&p-Xylene	23.01	1.0	20	0	115	65	135	23.03	0.0869	25	
Methyl tert-butyl ether	10.63	1.0	10	0	106	65	135	10.50	1.23	25	
Methylene chloride	9.670	0.50	10	0	96.7	65	135	9.810	1.44	25	
o-Xylene	11.13	0.50	10	0	111	65	135	11.14	0.0898	25	
Propene (Propylene)	9.890	0.50	10	0	98.9	65	135	9.870	0.202	25	
Styrene	11.89	0.50	10	0	119	65	135	11.88	0.0841	25	
Tetrachloroethene	11.97	0.50	10	0	120	65	135	11.91	0.503	25	
Tetrahydrofuran	10.21	2.0	10	0	102	65	135	10.12	0.885	25	
Toluene	11.51	0.50	10	0	115	65	135	11.50	0.0869	25	
trans-1,2-Dichloroethene	11.47	0.50	10	0	115	65	135	11.33	1.23	25	
trans-1,3-Dichloropropene	11.11	0.50	10	0	111	65	135	11.14	0.270	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87960** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87960**
Client ID: Batch ID: **R87960** TestNo: **TO15** Analysis Date: **6/8/2007** SeqNo: **1040396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	11.71	0.50	10	0	117	65	135	11.72	0.0854	25	
Trichlorofluoromethane(F-11)	11.06	0.50	10	0	111	65	135	11.17	0.990	25	
Trichlorotrifluoroethane(F-113)	11.39	0.50	10	0	114	65	135	11.45	0.525	25	
Vinyl acetate	10.28	0.50	10	0	103	65	135	10.25	0.292	25	
Vinyl chloride	9.830	0.50	10	0	98.3	65	135	9.970	1.41	25	
Surr: 4-Bromofluorobenzene	9.950	0.50	10	0	99.5	70	130	9.960	0	0	

Sample ID: **LCSD-R87979** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040677**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.41	0.50	10	0	114	65	135	11.66	2.17	25	
1,1,2,2-Tetrachloroethane	10.76	0.50	10	0	108	65	135	10.90	1.29	25	
1,1,2-Trichloroethane	10.87	0.50	10	0	109	65	135	11.09	2.00	25	
1,1-Dichloroethane	10.47	0.50	10	0	105	65	135	10.72	2.36	25	
1,1-Dichloroethene	10.70	0.50	10	0	107	65	135	10.91	1.94	25	
1,2,4-Trichlorobenzene	11.54	2.0	10	0	115	65	135	11.64	0.863	25	
1,2,4-Trimethylbenzene	12.39	0.50	10	0	124	65	135	12.46	0.563	25	
1,2-Dibromoethane	11.25	0.50	10	0	112	65	135	11.43	1.59	25	
1,2-Dichlorobenzene	11.95	0.50	10	0	120	65	135	12.06	0.916	25	
1,2-Dichloroethane	10.55	0.50	10	0	106	65	135	10.79	2.25	25	
1,2-Dichloropropane	10.37	0.50	10	0	104	65	135	10.43	0.577	25	
1,3,5-Trimethylbenzene	12.09	0.50	10	0	121	65	135	12.20	0.906	25	
1,3-Butadiene	9.630	0.50	10	0	96.3	65	135	9.710	0.827	25	
1,3-Dichlorobenzene	11.99	0.50	10	0	120	65	135	12.13	1.16	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87979** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040677**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	12.11	0.50	10	0	121	65	135	12.21	0.822	25	
2,2,4-Trimethylpentane	10.65	0.50	10	0	106	65	135	10.83	1.68	25	
2-Butanone (MEK)	10.74	1.0	10	0	107	65	135	10.88	1.30	25	
2-Hexanone	10.18	1.0	10	0	102	65	135	10.34	1.56	25	
2-Propanol	11.06	2.0	10	0	111	65	135	11.15	0.810	25	
4-Ethyltoluene	12.16	0.50	10	0	122	65	135	12.25	0.737	25	
4-Methyl-2-pentanone	10.96	1.0	10	0	110	65	135	10.99	0.273	25	
Acetone	8.960	5.0	10	0	89.6	65	135	9.050	0.999	25	
Allyl chloride	11.22	0.50	10	0	112	65	135	11.42	1.77	25	
Benzene	10.99	0.50	10	0	110	65	135	11.19	1.80	25	
Benzyl chloride	12.60	2.0	10	0	126	65	135	12.73	1.03	25	
Bromodichloromethane	11.10	0.50	10	0	111	65	135	11.29	1.70	25	
Bromoethene(Vinyl Bromide)	10.41	0.50	10	0	104	65	135	10.76	3.31	25	
Bromoform	11.71	0.50	10	0	117	65	135	11.85	1.19	25	
Bromomethane	10.39	0.50	10	0	104	65	135	10.59	1.91	25	
Carbon disulfide	10.54	0.50	10	0	105	65	135	10.68	1.32	25	
Carbon tetrachloride	11.57	0.50	10	0	116	65	135	11.78	1.80	25	
Chlorobenzene	11.39	0.50	10	0	114	65	135	11.56	1.48	25	
Chloroethane	9.400	0.50	10	0	94.0	65	135	9.590	2.00	25	
Chloroform	10.94	0.50	10	0	109	65	135	11.21	2.44	25	
Chloromethane	9.580	0.50	10	0	95.8	65	135	9.920	3.49	25	
cis-1,2-Dichloroethene	11.44	0.50	10	0	114	65	135	11.61	1.48	25	
cis-1,3-Dichloropropene	11.27	0.50	10	0	113	65	135	11.47	1.76	25	
Cyclohexane	10.88	0.50	10	0	109	65	135	11.18	2.72	25	
Dibromochloromethane	11.43	0.50	10	0	114	65	135	11.58	1.30	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R87979** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **87979**
Client ID: Batch ID: **R87979** TestNo: **TO15** Analysis Date: **6/11/2007** SeqNo: **1040677**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.24	0.50	10	0	112	65	135	11.48	2.11	25	
Dichlorotetrafluoroethane(F-114)	11.13	0.50	10	0	111	65	135	11.39	2.31	25	
Ethyl Acetate	10.11	0.50	10	0	101	65	135	10.19	0.788	25	
Ethylbenzene	11.88	0.50	10	0	119	65	135	12.06	1.50	25	
Heptane	10.35	0.50	10	0	104	65	135	10.52	1.63	25	
Hexachlorobutadiene	11.48	1.0	10	0	115	65	135	11.51	0.261	25	
Hexane	10.98	0.50	10	0	110	65	135	11.22	2.16	25	
m&p-Xylene	24.09	1.0	20	0	120	65	135	24.37	1.16	25	
Methyl tert-butyl ether	10.87	1.0	10	0	109	65	135	11.05	1.64	25	
Methylene chloride	9.840	0.50	10	0	98.4	65	135	10.03	1.91	25	
o-Xylene	11.41	0.50	10	0	114	65	135	11.58	1.48	25	
Propene (Propylene)	9.890	0.50	10	0	98.9	65	135	10.23	3.38	25	
Styrene	12.07	0.50	10	0	121	65	135	12.23	1.32	25	
Tetrachloroethene	12.00	0.50	10	0	120	65	135	12.17	1.41	25	
Tetrahydrofuran	10.14	2.0	10	0	101	65	135	10.23	0.884	25	
Toluene	11.47	0.50	10	0	115	65	135	11.68	1.81	25	
trans-1,2-Dichloroethene	11.32	0.50	10	0	113	65	135	11.55	2.01	25	
trans-1,3-Dichloropropene	11.43	0.50	10	0	114	65	135	11.53	0.871	25	
Trichloroethene	11.83	0.50	10	0	118	65	135	12.03	1.68	25	
Trichlorofluoromethane(F-11)	11.40	0.50	10	0	114	65	135	11.70	2.60	25	
Trichlorotrifluoroethane(F-113)	11.40	0.50	10	0	114	65	135	11.69	2.51	25	
Vinyl acetate	10.39	0.50	10	0	104	65	135	10.51	1.15	25	
Vinyl chloride	9.700	0.50	10	0	97.0	65	135	9.990	2.95	25	
Surr: 4-Bromofluorobenzene	9.890	0.50	10	0	98.9	70	130	9.630	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *12-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060271
Project: Silvercroft Wash/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R87908** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87908**
Client ID: Batch ID: **R87908** TestNo: **TO15Modifie** Analysis Date: **6/8/2007** SeqNo: **1039894**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	64.99	0	72.3	0	89.9	70	130				

Sample ID: **LCS-R87908** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87908**
Client ID: Batch ID: **R87908** TestNo: **TO15Modifie** Analysis Date: **6/8/2007** SeqNo: **1039895**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2464	500	2500	0	98.6	60	140				
Surr: 4-Bromofluorobenzene	70.49	0	72.3	0	97.5	70	130				

Sample ID: **LCSD-R87908** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **87908**
Client ID: Batch ID: **R87908** TestNo: **TO15Modifie** Analysis Date: **6/8/2007** SeqNo: **1039901**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2326	500	2500	0	93.0	60	140	2464	5.76	35	
Surr: 4-Bromofluorobenzene	69.31	0	72.3	0	95.9	70	130	70.49	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist — Project Checked By: _____

Laboratory Number: 07-06-0271	Completed By/On: Karen McCormick 6/7
Client Name: L FR	Date/Time Rec'd: 6/7/07 1809 By: KM
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Ryan

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	~~X~~ KM 6/7		X
Custody seals intact on shipping container/cooler?			
Custody seals intact on sample containers?			
Chain of Custody present and relinquished/received properly?			
Chain of Custody agrees with sample labels?			
Samples in proper containers/bottles?			
Sample containers intact?			
All samples received within holding time?			**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?			
40mL vials for volatiles & SOCs received with zero headspace?			

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5 — IH sample media: 1 Liter Accusystems

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A ✓

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General		1	1	1	1	1					
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A ✓

Preservative & pH		pH of samples upon receipt
Metals	<2	
H_2SO_4	<2	
1664	<2	
Cyanide	>12	
Sulfide	>9	

If pH requires adjustment, list sample number and reagent I.D. number.

Comments:

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07-06-0271

Customer Number:	Page 1 of 1
Customer: LFR inc	Sampler: Ryan O'Keefe
Address: 14201 N 87th St.	Project Name: Silvercroft wash
City, State, Zip: Scottsdale Az 85260	Project Number: 014-1002213 Phase 007
Contact: Michael Nesky	P.O. Number:
Phone: 480-905-9311 Fax:	Fax Results: Y (N)
E-Mail Address: michael.nesky@lfr.com	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No X
Total # of Containers: 5

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TO-15 Gas
1	0271	6, (1) 0.4	VSP-4-060707(EFF.)	6-7-07	16:00	Air				X		X
2	1312	6, (1) 0.4	VSP-3-060707(Mid Cat)	|	16:03	|				|		|
3	0750	6, (1) 0.4	VSP-2-060707(Post OX)	|	16:10	|				|		|
4	0141	6, (1) 0.4	VSP-2-060707(Post ox) D	|	16:13	|				|		|
5	0204	6, (1) 0.4	VSP-1-060707 (INF)	|	16:18	|				|		|
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										

Instructions / Special Requirements: Please dilute Sample VSP-1-060707 (INF) Also, Please process in the following order: VSP-4-060707(EFF) VSP-3-060707 (mid cat) VSP-2-060707 (Post OX), VSP-2-060707(Post Ox)D VSP-1-060707(INF)

* use lowest detection limits

Date:	Time:	Samples Relinquished By:	Received By:
6/7/07	1809	Ryan O'Keefe	Ryan Miller

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0706233R1

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase007 Silver Croft
DATE RECEIVED:	06/12/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	06/14/2007		
DATE REISSUED:	06/14/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	061107-EFF-AT	Modified TO-15	2.5 "Hg
02A	061107-EFF-AT-D	Modified TO-15	2.5 "Hg
03A	061107-Mid Carb-AT	Modified TO-15	2.0 "Hg
04A	061107-Post Ox-AT	Modified TO-15	3.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 06/14/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/06, Expiration date: 06/30/07
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0706233R1

Four 1 Liter Summa Canister samples were received on June 12, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

THE WORK ORDER WAS RE-ISSUED ON 06/14/2007 TO REPORT ADDITIONAL COMPOUNDS AND TPHG PER CLIENT'S REQUEST.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 061107-EFF-AT

Lab ID#: 0706233R1-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	2.9	5.4	14

Client Sample ID: 061107-EFF-AT-D

Lab ID#: 0706233R1-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	3.1	5.4	15
Acetone	4.4	6.8	10	16
2-Butanone (Methyl Ethyl Ketone)	1.1	1.3	3.2	3.8
TPH ref. to Gasoline (MW=100)	22	42	90	170

Client Sample ID: 061107-Mid Carb-AT

Lab ID#: 0706233R1-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	2.4	5.3	12

Client Sample ID: 061107-Post Ox-AT

Lab ID#: 0706233R1-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	2.6	5.5	13

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Client Sample ID: 061107-EFF-AT

Lab ID#: 0706233R1-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061215R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/12/07 06:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	2.9	5.4	14
Freon 114	1.1	Not Detected	7.7	Not Detected
Chloromethane	4.4	Not Detected	9.1	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	1.1	Not Detected	4.3	Not Detected
Chloroethane	1.1	Not Detected	2.9	Not Detected
Freon 11	1.1	Not Detected	6.2	Not Detected
Ethanol	4.4	Not Detected	8.3	Not Detected
Freon 113	1.1	Not Detected	8.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Acetone	4.4	Not Detected	10	Not Detected
2-Propanol	4.4	Not Detected	11	Not Detected
Carbon Disulfide	1.1	Not Detected	3.4	Not Detected
3-Chloropropene	4.4	Not Detected	14	Not Detected
Methylene Chloride	1.1	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Hexane	1.1	Not Detected	3.9	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.1	Not Detected	3.2	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	Not Detected	5.4	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.9	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.1	Not Detected
Benzene	1.1	Not Detected	3.5	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	Not Detected	4.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.1	Not Detected
1,4-Dioxane	4.4	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.4	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-EFF-AT

Lab ID#: 0706233R1-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061215R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/12/07 06:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,1,2-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
2-Hexanone	4.4	Not Detected	18	Not Detected
Dibromochloromethane	1.1	Not Detected	9.4	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Chlorobenzene	1.1	Not Detected	5.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Styrene	1.1	Not Detected	4.7	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.4	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.6	Not Detected
Propylbenzene	1.1	Not Detected	5.4	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.7	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,2,4-Trichlorobenzene	4.4	Not Detected	33	Not Detected
Hexachlorobutadiene	4.4	Not Detected	47	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	90	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-EFF-AT-D

Lab ID#: 0706233R1-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061217R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/12/07 08:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	3.1	5.4	15
Freon 114	1.1	Not Detected	7.7	Not Detected
Chloromethane	4.4	Not Detected	9.1	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	1.1	Not Detected	4.3	Not Detected
Chloroethane	1.1	Not Detected	2.9	Not Detected
Freon 11	1.1	Not Detected	6.2	Not Detected
Ethanol	4.4	Not Detected	8.3	Not Detected
Freon 113	1.1	Not Detected	8.4	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Acetone	4.4	6.8	10	16
2-Propanol	4.4	Not Detected	11	Not Detected
Carbon Disulfide	1.1	Not Detected	3.4	Not Detected
3-Chloropropene	4.4	Not Detected	14	Not Detected
Methylene Chloride	1.1	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Hexane	1.1	Not Detected	3.9	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.1	1.3	3.2	3.8
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	Not Detected	5.4	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.9	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.1	Not Detected
Benzene	1.1	Not Detected	3.5	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	Not Detected	4.5	Not Detected
Trichloroethene	1.1	Not Detected	5.9	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.1	Not Detected
1,4-Dioxane	4.4	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.4	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.5	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-EFF-AT-D

Lab ID#: 0706233R1-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061217R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.20**	**Date of Analysis:**	**6/12/07 08:22 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,1,2-Trichloroethane	1.1	Not Detected	6.0	Not Detected
Tetrachloroethene	1.1	Not Detected	7.5	Not Detected
2-Hexanone	4.4	Not Detected	18	Not Detected
Dibromochloromethane	1.1	Not Detected	9.4	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.4	Not Detected
Chlorobenzene	1.1	Not Detected	5.1	Not Detected
Ethyl Benzene	1.1	Not Detected	4.8	Not Detected
m,p-Xylene	1.1	Not Detected	4.8	Not Detected
o-Xylene	1.1	Not Detected	4.8	Not Detected
Styrene	1.1	Not Detected	4.7	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.4	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.6	Not Detected
Propylbenzene	1.1	Not Detected	5.4	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.4	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.4	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.7	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.6	Not Detected
1,2,4-Trichlorobenzene	4.4	Not Detected	33	Not Detected
Hexachlorobutadiene	4.4	Not Detected	47	Not Detected
TPH ref. to Gasoline (MW=100)	22	42	90	170

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-Mid Carb-AT

Lab ID#: 0706233R1-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061218R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.16**	**Date of Analysis:**	**6/12/07 09:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	2.4	5.3	12
Freon 114	1.1	Not Detected	7.6	Not Detected
Chloromethane	4.3	Not Detected	8.9	Not Detected
Vinyl Chloride	1.1	Not Detected	2.8	Not Detected
1,3-Butadiene	1.1	Not Detected	2.4	Not Detected
Bromomethane	1.1	Not Detected	4.2	Not Detected
Chloroethane	1.1	Not Detected	2.8	Not Detected
Freon 11	1.1	Not Detected	6.1	Not Detected
Ethanol	4.3	Not Detected	8.1	Not Detected
Freon 113	1.1	Not Detected	8.3	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Acetone	4.3	Not Detected	10	Not Detected
2-Propanol	4.3	Not Detected	11	Not Detected
Carbon Disulfide	1.1	Not Detected	3.4	Not Detected
3-Chloropropene	4.3	Not Detected	14	Not Detected
Methylene Chloride	1.1	Not Detected	3.8	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	3.9	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Hexane	1.1	Not Detected	3.8	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.1	Not Detected	3.2	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.3	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.2	Not Detected
Chloroform	1.1	Not Detected	5.3	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Cyclohexane	1.1	Not Detected	3.7	Not Detected
Carbon Tetrachloride	1.1	Not Detected	6.8	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.0	Not Detected
Benzene	1.1	Not Detected	3.4	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.4	Not Detected
Heptane	1.1	Not Detected	4.4	Not Detected
Trichloroethene	1.1	Not Detected	5.8	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.0	Not Detected
1,4-Dioxane	4.3	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.2	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	4.9	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.4	Not Detected
Toluene	1.1	Not Detected	4.1	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	4.9	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-Mid Carb-AT

Lab ID#: 0706233R1-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061218R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.16**	**Date of Analysis:**	**6/12/07 09:02 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,1,2-Trichloroethane	1.1	Not Detected	5.9	Not Detected
Tetrachloroethene	1.1	Not Detected	7.3	Not Detected
2-Hexanone	4.3	Not Detected	18	Not Detected
Dibromochloromethane	1.1	Not Detected	9.2	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.3	Not Detected
Chlorobenzene	1.1	Not Detected	5.0	Not Detected
Ethyl Benzene	1.1	Not Detected	4.7	Not Detected
m,p-Xylene	1.1	Not Detected	4.7	Not Detected
o-Xylene	1.1	Not Detected	4.7	Not Detected
Styrene	1.1	Not Detected	4.6	Not Detected
Bromoform	1.1	Not Detected	11	Not Detected
Cumene	1.1	Not Detected	5.3	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.4	Not Detected
Propylbenzene	1.1	Not Detected	5.3	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.3	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.3	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.5	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.5	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.6	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.5	Not Detected
1,2,4-Trichlorobenzene	4.3	Not Detected	32	Not Detected
Hexachlorobutadiene	4.3	Not Detected	46	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	88	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-Post Ox-AT

Lab ID#: 0706233R1-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061219R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/12/07 09:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	2.6	5.5	13
Freon 114	1.1	Not Detected	7.8	Not Detected
Chloromethane	4.5	Not Detected	9.2	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	1.1	Not Detected	4.3	Not Detected
Chloroethane	1.1	Not Detected	3.0	Not Detected
Freon 11	1.1	Not Detected	6.3	Not Detected
Ethanol	4.5	Not Detected	8.4	Not Detected
Freon 113	1.1	Not Detected	8.6	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Acetone	4.5	Not Detected	11	Not Detected
2-Propanol	4.5	Not Detected	11	Not Detected
Carbon Disulfide	1.1	Not Detected	3.5	Not Detected
3-Chloropropene	4.5	Not Detected	14	Not Detected
Methylene Chloride	1.1	Not Detected	3.9	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.0	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Hexane	1.1	Not Detected	3.9	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.5	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.1	Not Detected	3.3	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.4	Not Detected
Tetrahydrofuran	1.1	Not Detected	3.3	Not Detected
Chloroform	1.1	Not Detected	5.5	Not Detected
1,1,1-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Cyclohexane	1.1	Not Detected	3.8	Not Detected
Carbon Tetrachloride	1.1	Not Detected	7.0	Not Detected
2,2,4-Trimethylpentane	1.1	Not Detected	5.2	Not Detected
Benzene	1.1	Not Detected	3.6	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.5	Not Detected
Heptane	1.1	Not Detected	4.6	Not Detected
Trichloroethene	1.1	Not Detected	6.0	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.2	Not Detected
1,4-Dioxane	4.5	Not Detected	16	Not Detected
Bromodichloromethane	1.1	Not Detected	7.5	Not Detected
cis-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.6	Not Detected
Toluene	1.1	Not Detected	4.2	Not Detected
trans-1,3-Dichloropropene	1.1	Not Detected	5.1	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: 061107-Post Ox-AT

Lab ID#: 0706233R1-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061219R1**	**Date of Collection:**	**6/11/07**
Dil. Factor:	**2.24**	**Date of Analysis:**	**6/12/07 09:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,1,2-Trichloroethane	1.1	Not Detected	6.1	Not Detected
Tetrachloroethene	1.1	Not Detected	7.6	Not Detected
2-Hexanone	4.5	Not Detected	18	Not Detected
Dibromochloromethane	1.1	Not Detected	9.5	Not Detected
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.6	Not Detected
Chlorobenzene	1.1	Not Detected	5.2	Not Detected
Ethyl Benzene	1.1	Not Detected	4.9	Not Detected
m,p-Xylene	1.1	Not Detected	4.9	Not Detected
o-Xylene	1.1	Not Detected	4.9	Not Detected
Styrene	1.1	Not Detected	4.8	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.5	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.7	Not Detected
Propylbenzene	1.1	Not Detected	5.5	Not Detected
4-Ethyltoluene	1.1	Not Detected	5.5	Not Detected
1,3,5-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,2,4-Trimethylbenzene	1.1	Not Detected	5.5	Not Detected
1,3-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.8	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.7	Not Detected
1,2,4-Trichlorobenzene	4.5	Not Detected	33	Not Detected
Hexachlorobutadiene	4.5	Not Detected	48	Not Detected
TPH ref. to Gasoline (MW=100)	22	Not Detected	92	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0706233R1-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/07 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0706233R1-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061205**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/07 11:18 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0706233R1-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061202**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/07 09:07 AM**

Compound	%Recovery
Freon 12	100
Freon 114	101
Chloromethane	109
Vinyl Chloride	96
1,3-Butadiene	92
Bromomethane	93
Chloroethane	87
Freon 11	103
Ethanol	84
Freon 113	100
1,1-Dichloroethene	96
Acetone	83
2-Propanol	86
Carbon Disulfide	95
3-Chloropropene	84
Methylene Chloride	96
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	96
Hexane	89
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	102
Tetrahydrofuran	98
Chloroform	106
1,1,1-Trichloroethane	109
Cyclohexane	102
Carbon Tetrachloride	115
2,2,4-Trimethylpentane	103
Benzene	108
1,2-Dichloroethane	114
Heptane	104
Trichloroethene	109
1,2-Dichloropropane	106
1,4-Dioxane	102
Bromodichloromethane	114
cis-1,3-Dichloropropene	109
4-Methyl-2-pentanone	102
Toluene	108
trans-1,3-Dichloropropene	114

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0706233R1-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061202**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/07 09:07 AM**

Compound	%Recovery
1,1,2-Trichloroethane	111
Tetrachloroethene	121
2-Hexanone	98
Dibromochloromethane	123
1,2-Dibromoethane (EDB)	116
Chlorobenzene	114
Ethyl Benzene	108
m,p-Xylene	108
o-Xylene	106
Styrene	108
Bromoform	121
Cumene	104
1,1,2,2-Tetrachloroethane	104
Propylbenzene	103
4-Ethyltoluene	106
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	101
1,2,4-Trichlorobenzene	82
Hexachlorobutadiene	84
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	102	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0706233R1-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061204**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/07 10:28 AM**

Compound	%Recovery
Freon 12	92
Freon 114	92
Chloromethane	101
Vinyl Chloride	90
1,3-Butadiene	86
Bromomethane	88
Chloroethane	81
Freon 11	97
Ethanol	83
Freon 113	107
1,1-Dichloroethene	103
Acetone	84
2-Propanol	84
Carbon Disulfide	93
3-Chloropropene	79
Methylene Chloride	100
Methyl tert-butyl ether	80
trans-1,2-Dichloroethene	92
Hexane	86
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	100
Tetrahydrofuran	94
Chloroform	104
1,1,1-Trichloroethane	105
Cyclohexane	96
Carbon Tetrachloride	109
2,2,4-Trimethylpentane	99
Benzene	106
1,2-Dichloroethane	112
Heptane	103
Trichloroethene	106
1,2-Dichloropropane	105
1,4-Dioxane	97
Bromodichloromethane	112
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	99
Toluene	110
trans-1,3-Dichloropropene	110

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0706233R1-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7061204**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 6/12/07 10:28 AM**	

Compound	**%Recovery**
1,1,2-Trichloroethane	107
Tetrachloroethene	118
2-Hexanone	93
Dibromochloromethane	119
1,2-Dibromoethane (EDB)	109
Chlorobenzene	110
Ethyl Benzene	103
m,p-Xylene	105
o-Xylene	102
Styrene	100
Bromoform	119
Cumene	103
1,1,2,2-Tetrachloroethane	101
Propylbenzene	102
4-Ethyltoluene	103
1,3,5-Trimethylbenzene	99
1,2,4-Trimethylbenzene	98
1,3-Dichlorobenzene	103
1,4-Dichlorobenzene	102
alpha-Chlorotoluene	98
1,2-Dichlorobenzene	99
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	90
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	104	70-130

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Thursday, June 14, 2007

Mike Nesky
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-1002213 Phase 007

Order No.: 07060368

Dear Mike Nesky:

Aerotech Environmental Laboratories received 5 sample(s) on 6/11/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

for Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-1002213 Phase 007
Lab Order: 07060368

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07060368-01A	061107-Eff	0616	6/11/2007 12:27:00 PM	6/11/2007
07060368-02A	061107-Mid Carb	1281	6/11/2007 12:45:00 PM	6/11/2007
07060368-03A	061107-Mid Carb D	0942	6/11/2007 12:48:00 PM	6/11/2007
07060368-04A	061107-Post Ox	0618	6/11/2007 12:52:00 PM	6/11/2007
07060368-05A	061107-Inf	0718	6/11/2007 12:55:00 PM	6/11/2007

Aerotech Environmental Laboratories

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-1002213 Phase 007
Lab Order: 07060368

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix.
D2 Sample required dilution due to high concentration of target analyte.
V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Eff
Lab Order:	07060368	**Tag Number:**	0616
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:27:00 PM
Lab ID:	07060368-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/12/2007
1,2,4-Trimethylbenzene	2.9	0.50		ppbv	1	6/12/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/12/2007
1,3,5-Trimethylbenzene	0.57	0.50		ppbv	1	6/12/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/12/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,4-Dichlorobenzene	2.6	0.50		ppbv	1	6/12/2007
2,2,4-Trimethylpentane	0.61	0.50		ppbv	1	6/12/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/12/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/12/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/12/2007
4-Ethyltoluene	1.6	0.50		ppbv	1	6/12/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/12/2007
Acetone	< 5.0	5.0		ppbv	1	6/12/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Benzene	3.3	0.50		ppbv	1	6/12/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	6/12/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/12/2007
Bromoform	< 0.50	0.50		ppbv	1	6/12/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/12/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/12/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/12/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/12/2007
Chloroform	< 0.50	0.50		ppbv	1	6/12/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/12/2007
cis-1,2-Dichloroethene	1.4	0.50		ppbv	1	6/12/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Eff
Lab Order:	07060368	**Tag Number:**	0616
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:27:00 PM
Lab ID:	07060368-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	0.71	0.50		ppbv	1	6/12/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Dichlorodifluoromethane(F-12)	0.68	0.50		ppbv	1	6/12/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/12/2007
Ethyl Acetate	0.59	0.50		ppbv	1	6/12/2007
Ethylbenzene	2.3	0.50		ppbv	1	6/12/2007
Heptane	< 0.50	0.50		ppbv	1	6/12/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/12/2007
Hexane	0.50	0.50		ppbv	1	6/12/2007
m&p-Xylene	7.8	1.0		ppbv	1	6/12/2007
Methyl tert-butyl ether	7.9	1.0		ppbv	1	6/12/2007
Methylene chloride	0.60	0.50		ppbv	1	6/12/2007
o-Xylene	3.2	0.50		ppbv	1	6/12/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/12/2007
Styrene	< 0.50	0.50		ppbv	1	6/12/2007
Tetrachloroethene	6.2	0.50		ppbv	1	6/12/2007
Tetrahydrofuran	2.4	2.0		ppbv	1	6/12/2007
Toluene	15	0.50		ppbv	1	6/12/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007
Trichloroethene	2.3	0.50		ppbv	1	6/12/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/12/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Surr: 4-Bromofluorobenzene	97.8	70-130		%REC	1	6/12/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/12/2007
Surr: 4-Bromofluorobenzene	93.3	70-130		%REC	5	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Mid Carb
Lab Order:	07060368	**Tag Number:**	1281
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:45:00 PM
Lab ID:	07060368-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/12/2007
1,2,4-Trimethylbenzene	1.2	0.50		ppbv	1	6/12/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/12/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/12/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	6/12/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/12/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/12/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/12/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	6/12/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/12/2007
Acetone	< 5.0	5.0		ppbv	1	6/12/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Benzene	< 0.50	0.50		ppbv	1	6/12/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	6/12/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/12/2007
Bromoform	< 0.50	0.50		ppbv	1	6/12/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/12/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/12/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/12/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/12/2007
Chloroform	< 0.50	0.50		ppbv	1	6/12/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/12/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Mid Carb
Lab Order:	07060368	**Tag Number:**	1281
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:45:00 PM
Lab ID:	07060368-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/12/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Dichlorodifluoromethane(F-12)	0.54	0.50		ppbv	1	6/12/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/12/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	6/12/2007
Ethylbenzene	0.52	0.50		ppbv	1	6/12/2007
Heptane	< 0.50	0.50		ppbv	1	6/12/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/12/2007
Hexane	< 0.50	0.50		ppbv	1	6/12/2007
m&p-Xylene	2.0	1.0		ppbv	1	6/12/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	6/12/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/12/2007
o-Xylene	0.82	0.50		ppbv	1	6/12/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/12/2007
Styrene	< 0.50	0.50		ppbv	1	6/12/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	6/12/2007
Tetrahydrofuran	5.6	2.0		ppbv	1	6/12/2007
Toluene	2.9	0.50		ppbv	1	6/12/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007
Trichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/12/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Surr: 4-Bromofluorobenzene	91.2	70-130		%REC	1	6/12/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/12/2007
Surr: 4-Bromofluorobenzene	93.8	70-130		%REC	5	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Mid Carb D
Lab Order:	07060368	**Tag Number:**	0942
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:48:00 PM
Lab ID:	07060368-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/12/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/12/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/12/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	6/12/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/12/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/12/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/12/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	6/12/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/12/2007
Acetone	6.5	5.0		ppbv	1	6/12/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Benzene	< 0.50	0.50		ppbv	1	6/12/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	6/12/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/12/2007
Bromoform	< 0.50	0.50		ppbv	1	6/12/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/12/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/12/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/12/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/12/2007
Chloroform	< 0.50	0.50		ppbv	1	6/12/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/12/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Mid Carb D
Lab Order:	07060368	**Tag Number:**	0942
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:48:00 PM
Lab ID:	07060368-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/12/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Dichlorodifluoromethane(F-12)	0.56	0.50		ppbv	1	6/12/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/12/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	6/12/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	6/12/2007
Heptane	< 0.50	0.50		ppbv	1	6/12/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/12/2007
Hexane	< 0.50	0.50		ppbv	1	6/12/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	6/12/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	6/12/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/12/2007
o-Xylene	< 0.50	0.50		ppbv	1	6/12/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/12/2007
Styrene	< 0.50	0.50		ppbv	1	6/12/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	6/12/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	6/12/2007
Toluene	1.4	0.50		ppbv	1	6/12/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007
Trichloroethene	0.87	0.50		ppbv	1	6/12/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/12/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Surr: 4-Bromofluorobenzene	90.3	70-130		%REC	1	6/12/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/12/2007
Surr: 4-Bromofluorobenzene	97.5	70-130		%REC	5	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Post Ox
Lab Order:	07060368	**Tag Number:**	0618
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:52:00 PM
Lab ID:	07060368-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	6/12/2007
1,2,4-Trimethylbenzene	5.6	0.50		ppbv	1	6/12/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	6/12/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	6/12/2007
1,3,5-Trimethylbenzene	1.2	0.50		ppbv	1	6/12/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	6/12/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	6/12/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	6/12/2007
2-Hexanone	< 1.0	1.0		ppbv	1	6/12/2007
2-Propanol	< 2.0	2.0		ppbv	1	6/12/2007
4-Ethyltoluene	1.7	0.50		ppbv	1	6/12/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	6/12/2007
Acetone	14	5.0		ppbv	1	6/12/2007
Allyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Benzene	0.59	0.50		ppbv	1	6/12/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	6/12/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	6/12/2007
Bromoform	< 0.50	0.50		ppbv	1	6/12/2007
Bromomethane	< 0.50	0.50		ppbv	1	6/12/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	6/12/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	6/12/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	6/12/2007
Chloroethane	< 0.50	0.50		ppbv	1	6/12/2007
Chloroform	< 0.50	0.50		ppbv	1	6/12/2007
Chloromethane	< 0.50	0.50		ppbv	1	6/12/2007
cis-1,2-Dichloroethene	0.56	0.50		ppbv	1	6/12/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Post Ox
Lab Order:	07060368	**Tag Number:**	0618
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:52:00 PM
Lab ID:	07060368-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	6/12/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	6/12/2007
Dichlorodifluoromethane(F-12)	0.67	0.50		ppbv	1	6/12/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	6/12/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	6/12/2007
Ethylbenzene	0.95	0.50		ppbv	1	6/12/2007
Heptane	< 0.50	0.50		ppbv	1	6/12/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	6/12/2007
Hexane	< 0.50	0.50		ppbv	1	6/12/2007
m&p-Xylene	4.9	1.0		ppbv	1	6/12/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	6/12/2007
Methylene chloride	< 0.50	0.50		ppbv	1	6/12/2007
o-Xylene	1.0	0.50		ppbv	1	6/12/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	6/12/2007
Styrene	< 0.50	0.50		ppbv	1	6/12/2007
Tetrachloroethene	5.8	0.50		ppbv	1	6/12/2007
Tetrahydrofuran	4.9	2.0		ppbv	1	6/12/2007
Toluene	0.68	0.50		ppbv	1	6/12/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	6/12/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	6/12/2007
Trichloroethene	17	0.50		ppbv	1	6/12/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	6/12/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	6/12/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	6/12/2007
Surr: 4-Bromofluorobenzene	95.3	70-130		%REC	1	6/12/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 2500	2500	D1	µg/m³	5	6/12/2007
Surr: 4-Bromofluorobenzene	96.6	70-130		%REC	5	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Inf
Lab Order:	07060368	**Tag Number:**	0718
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:55:00 PM
Lab ID:	07060368-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 200000	200000		ppbv	400000	6/12/2007
1,1,2,2-Tetrachloroethane	< 200000	200000		ppbv	400000	6/12/2007
1,1,2-Trichloroethane	< 200000	200000		ppbv	400000	6/12/2007
1,1-Dichloroethane	< 200000	200000		ppbv	400000	6/12/2007
1,1-Dichloroethene	< 200000	200000		ppbv	400000	6/12/2007
1,2,4-Trichlorobenzene	< 800000	800000		ppbv	400000	6/12/2007
1,2,4-Trimethylbenzene	< 200000	200000		ppbv	400000	6/12/2007
1,2-Dibromoethane	< 200000	200000		ppbv	400000	6/12/2007
1,2-Dichlorobenzene	< 200000	200000		ppbv	400000	6/12/2007
1,2-Dichloroethane	< 200000	200000		ppbv	400000	6/12/2007
1,2-Dichloropropane	< 200000	200000		ppbv	400000	6/12/2007
1,3,5-Trimethylbenzene	< 200000	200000		ppbv	400000	6/12/2007
1,3-Butadiene	< 200000	200000		ppbv	400000	6/12/2007
1,3-Dichlorobenzene	< 200000	200000		ppbv	400000	6/12/2007
1,4-Dichlorobenzene	< 200000	200000		ppbv	400000	6/12/2007
2,2,4-Trimethylpentane	7000000	200000	D2	ppbv	400000	6/12/2007
2-Butanone (MEK)	< 400000	400000		ppbv	400000	6/12/2007
2-Hexanone	< 400000	400000		ppbv	400000	6/12/2007
2-Propanol	< 800000	800000		ppbv	400000	6/12/2007
4-Ethyltoluene	< 200000	200000		ppbv	400000	6/12/2007
4-Methyl-2-pentanone	< 400000	400000		ppbv	400000	6/12/2007
Acetone	< 2000000	2000000		ppbv	400000	6/12/2007
Allyl chloride	< 200000	200000		ppbv	400000	6/12/2007
Benzene	2300000	200000	D2	ppbv	400000	6/12/2007
Benzyl chloride	< 800000	800000	V1	ppbv	400000	6/12/2007
Bromodichloromethane	< 200000	200000		ppbv	400000	6/12/2007
Bromoethene(Vinyl Bromide)	< 200000	200000		ppbv	400000	6/12/2007
Bromoform	< 200000	200000		ppbv	400000	6/12/2007
Bromomethane	< 200000	200000		ppbv	400000	6/12/2007
Carbon disulfide	< 200000	200000		ppbv	400000	6/12/2007
Carbon tetrachloride	< 200000	200000		ppbv	400000	6/12/2007
Chlorobenzene	< 200000	200000		ppbv	400000	6/12/2007
Chloroethane	< 200000	200000		ppbv	400000	6/12/2007
Chloroform	< 200000	200000		ppbv	400000	6/12/2007
Chloromethane	< 200000	200000		ppbv	400000	6/12/2007
cis-1,2-Dichloroethene	< 200000	200000		ppbv	400000	6/12/2007
cis-1,3-Dichloropropene	< 200000	200000		ppbv	400000	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Jun-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	061107-Inf
Lab Order:	07060368	**Tag Number:**	0718
Project:	Silvercroft/014-1002213 Phase 007	**Collection Date:**	6/11/2007 12:55:00 PM
Lab ID:	07060368-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	2700000	200000	D2	ppbv	400000	6/12/2007
Dibromochloromethane	< 200000	200000		ppbv	400000	6/12/2007
Dichlorodifluoromethane(F-12)	< 200000	200000		ppbv	400000	6/12/2007
Dichlorotetrafluoroethane(F-114)	< 200000	200000		ppbv	400000	6/12/2007
Ethyl Acetate	< 200000	200000		ppbv	400000	6/12/2007
Ethylbenzene	< 200000	200000		ppbv	400000	6/12/2007
Heptane	1400000	200000	D2	ppbv	400000	6/12/2007
Hexachlorobutadiene	< 400000	400000		ppbv	400000	6/12/2007
Hexane	3500000	200000	D2	ppbv	400000	6/12/2007
m&p-Xylene	< 400000	400000		ppbv	400000	6/12/2007
Methyl tert-butyl ether	8000000	400000	D2	ppbv	400000	6/12/2007
Methylene chloride	< 200000	200000		ppbv	400000	6/12/2007
o-Xylene	< 200000	200000		ppbv	400000	6/12/2007
Propene (Propylene)	< 200000	200000		ppbv	400000	6/12/2007
Styrene	< 200000	200000		ppbv	400000	6/12/2007
Tetrachloroethene	< 200000	200000		ppbv	400000	6/12/2007
Tetrahydrofuran	< 800000	800000		ppbv	400000	6/12/2007
Toluene	3600000	200000	D2	ppbv	400000	6/12/2007
trans-1,2-Dichloroethene	< 200000	200000		ppbv	400000	6/12/2007
trans-1,3-Dichloropropene	< 200000	200000		ppbv	400000	6/12/2007
Trichloroethene	< 200000	200000		ppbv	400000	6/12/2007
Trichlorofluoromethane(F-11)	< 200000	200000		ppbv	400000	6/12/2007
Trichlorotrifluoroethane(F-113)	< 200000	200000		ppbv	400000	6/12/2007
Vinyl acetate	< 200000	200000		ppbv	400000	6/12/2007
Vinyl chloride	< 200000	200000		ppbv	400000	6/12/2007
Surr: 4-Bromofluorobenzene	79.1	70-130		%REC	400000	6/12/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	360000000	200000000	D2	µg/m³	400000	6/12/2007
Surr: 4-Bromofluorobenzene	88.1	70-130		%REC	400000	6/12/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

14-Jun-07

Lab Order: 07060368
Client: LFR - Levine Fricke
Project: Silvercroft/014-1002213 Phase 007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07060368-01A	061107-Eff	6/11/2007 12:27:00 PM	Air	Gasoline Hydrocarbons in Air			6/12/2007
				Volatile Organics in Air			6/12/2007
07060368-02A	061107-Mid Carb	6/11/2007 12:45:00 PM		Gasoline Hydrocarbons in Air			6/12/2007
				Volatile Organics in Air			6/12/2007
07060368-03A	061107-Mid Carb D	6/11/2007 12:48:00 PM		Gasoline Hydrocarbons in Air			6/12/2007
				Volatile Organics in Air			6/12/2007
07060368-04A	061107-Post Ox	6/11/2007 12:52:00 PM		Gasoline Hydrocarbons in Air			6/12/2007
				Volatile Organics in Air			6/12/2007
07060368-05A	061107-Inf	6/11/2007 12:55:00 PM		Gasoline Hydrocarbons in Air			6/12/2007
				Volatile Organics in Air			6/12/2007

Aerotech Environmental Laboratories

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Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R88071** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041693**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									V1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R88071** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041693**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R88071** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041693**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.210	0.50	10	0	92.1	70	130				

Sample ID: **LCS-R88071** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.69	0.50	10	0	117	65	135				
1,1,2,2-Tetrachloroethane	11.10	0.50	10	0	111	65	135				
1,1,2-Trichloroethane	11.17	0.50	10	0	112	65	135				
1,1-Dichloroethane	10.61	0.50	10	0	106	65	135				
1,1-Dichloroethene	10.88	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	12.04	2.0	10	0	120	65	135				
1,2,4-Trimethylbenzene	12.77	0.50	10	0	128	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R88071** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.50	0.50	10	0	115	65	135				
1,2-Dichlorobenzene	12.37	0.50	10	0	124	65	135				
1,2-Dichloroethane	10.87	0.50	10	0	109	65	135				
1,2-Dichloropropane	10.60	0.50	10	0	106	65	135				
1,3,5-Trimethylbenzene	12.56	0.50	10	0	126	65	135				
1,3-Butadiene	9.750	0.50	10	0	97.5	65	135				
1,3-Dichlorobenzene	12.51	0.50	10	0	125	65	135				
1,4-Dichlorobenzene	12.54	0.50	10	0	125	65	135				
2,2,4-Trimethylpentane	10.83	0.50	10	0	108	65	135				
2-Butanone (MEK)	10.70	1.0	10	0	107	65	135				
2-Hexanone	10.03	1.0	10	0	100	65	135				
2-Propanol	11.01	2.0	10	0	110	65	135				
4-Ethyltoluene	12.53	0.50	10	0	125	65	135				
4-Methyl-2-pentanone	10.89	1.0	10	0	109	65	135				
Acetone	8.560	5.0	10	0	85.6	65	135				
Allyl chloride	11.34	0.50	10	0	113	65	135				
Benzene	11.04	0.50	10	0	110	65	135				
Benzyl chloride	13.12	2.0	10	0	131	65	135				V1
Bromodichloromethane	11.49	0.50	10	0	115	65	135				
Bromoethene(Vinyl Bromide)	10.63	0.50	10	0	106	65	135				
Bromoform	12.34	0.50	10	0	123	65	135				
Bromomethane	10.55	0.50	10	0	106	65	135				
Carbon disulfide	10.45	0.50	10	0	104	65	135				
Carbon tetrachloride	11.92	0.50	10	0	119	65	135				
Chlorobenzene	11.80	0.50	10	0	118	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R88071** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.540	0.50	10	0	95.4	65	135				
Chloroform	11.21	0.50	10	0	112	65	135				
Chloromethane	9.800	0.50	10	0	98.0	65	135				
cis-1,2-Dichloroethene	11.43	0.50	10	0	114	65	135				
cis-1,3-Dichloropropene	11.57	0.50	10	0	116	65	135				
Cyclohexane	10.96	0.50	10	0	110	65	135				
Dibromochloromethane	11.74	0.50	10	0	117	65	135				
Dichlorodifluoromethane(F-12)	11.50	0.50	10	0	115	65	135				
Dichlorotetrafluoroethane(F-114)	11.34	0.50	10	0	113	65	135				
Ethyl Acetate	10.01	0.50	10	0	100	65	135				
Ethylbenzene	12.22	0.50	10	0	122	65	135				
Heptane	10.73	0.50	10	0	107	65	135				
Hexachlorobutadiene	12.14	1.0	10	0	121	65	135				
Hexane	11.01	0.50	10	0	110	65	135				
m&p-Xylene	24.97	1.0	20	0	125	65	135				
Methyl tert-butyl ether	10.99	1.0	10	0	110	65	135				
Methylene chloride	9.950	0.50	10	0	99.5	65	135				
o-Xylene	11.90	0.50	10	0	119	65	135				
Propene (Propylene)	10.00	0.50	10	0	100	65	135				
Styrene	12.50	0.50	10	0	125	65	135				
Tetrachloroethene	12.32	0.50	10	0	123	65	135				
Tetrahydrofuran	10.04	2.0	10	0	100	65	135				
Toluene	11.72	0.50	10	0	117	65	135				
trans-1,2-Dichloroethene	11.30	0.50	10	0	113	65	135				
trans-1,3-Dichloropropene	11.67	0.50	10	0	117	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R88071** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	12.18	0.50	10	0	122	65	135				
Trichlorofluoromethane(F-11)	11.67	0.50	10	0	117	65	135				
Trichlorotrifluoroethane(F-113)	11.53	0.50	10	0	115	65	135				
Vinyl acetate	10.30	0.50	10	0	103	65	135				
Vinyl chloride	9.950	0.50	10	0	99.5	65	135				
Surr: 4-Bromofluorobenzene	9.580	0.50	10	0	95.8	70	130				

Sample ID: **LCSD-R88071** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.72	0.50	10	0	117	65	135	11.69	0.256	25	
1,1,2,2-Tetrachloroethane	11.33	0.50	10	0	113	65	135	11.10	2.05	25	
1,1,2-Trichloroethane	11.03	0.50	10	0	110	65	135	11.17	1.26	25	
1,1-Dichloroethane	10.67	0.50	10	0	107	65	135	10.61	0.564	25	
1,1-Dichloroethene	10.81	0.50	10	0	108	65	135	10.88	0.645	25	
1,2,4-Trichlorobenzene	11.97	2.0	10	0	120	65	135	12.04	0.583	25	
1,2,4-Trimethylbenzene	13.12	0.50	10	0	131	65	135	12.77	2.70	25	
1,2-Dibromoethane	11.40	0.50	10	0	114	65	135	11.50	0.873	25	
1,2-Dichlorobenzene	12.65	0.50	10	0	126	65	135	12.37	2.24	25	
1,2-Dichloroethane	10.84	0.50	10	0	108	65	135	10.87	0.276	25	
1,2-Dichloropropane	10.50	0.50	10	0	105	65	135	10.60	0.948	25	
1,3,5-Trimethylbenzene	12.86	0.50	10	0	129	65	135	12.56	2.36	25	
1,3-Butadiene	9.630	0.50	10	0	96.3	65	135	9.750	1.24	25	
1,3-Dichlorobenzene	12.75	0.50	10	0	128	65	135	12.51	1.90	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *14-Jun-07*

CLIENT: LFR - Levine Fricke
Work Order: 07060368
Project: Silvercroft/014-1002213 Phase 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R88071** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **88071**
Client ID: Batch ID: **R88071** TestNo: **TO15** Analysis Date: **6/12/2007** SeqNo: **1041718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	12.85	0.50	10	0	128	65	135	12.54	2.44	25	
2,2,4-Trimethylpentane	10.76	0.50	10	0	108	65	135	10.83	0.648	25	
2-Butanone (MEK)	10.67	1.0	10	0	107	65	135	10.70	0.281	25	
2-Hexanone	10.18	1.0	10	0	102	65	135	10.03	1.48	25	
2-Propanol	11.03	2.0	10	0	110	65	135	11.01	0.181	25	
4-Ethyltoluene	12.89	0.50	10	0	129	65	135	12.53	2.83	25	
4-Methyl-2-pentanone	11.03	1.0	10	0	110	65	135	10.89	1.28	25	
Acetone	8.860	5.0	10	0	88.6	65	135	8.560	3.44	25	
Allyl chloride	11.28	0.50	10	0	113	65	135	11.34	0.531	25	
Benzene	11.01	0.50	10	0	110	65	135	11.04	0.272	25	
Benzyl chloride	13.36	2.0	10	0	134	65	135	13.12	1.81	25	V1
Bromodichloromethane	11.42	0.50	10	0	114	65	135	11.49	0.611	25	
Bromoethene(Vinyl Bromide)	10.55	0.50	10	0	106	65	135	10.63	0.755	25	
Bromoform	12.60	0.50	10	0	126	65	135	12.34	2.08	25	
Bromomethane	10.38	0.50	10	0	104	65	135	10.55	1.62	25	
Carbon disulfide	10.44	0.50	10	0	104	65	135	10.45	0.0957	25	
Carbon tetrachloride	11.87	0.50	10	0	119	65	135	11.92	0.420	25	
Chlorobenzene	12.12	0.50	10	0	121	65	135	11.80	2.68	25	
Chloroethane	9.490	0.50	10	0	94.9	65	135	9.540	0.525	25	
Chloroform	11.12	0.50	10	0	111	65	135	11.21	0.806	25	
Chloromethane	9.670	0.50	10	0	96.7	65	135	9.800	1.34	25	
cis-1,2-Dichloroethene	11.45	0.50	10	0	114	65	135	11.43	0.175	25	
cis-1,3-Dichloropropene	11.45	0.50	10	0	114	65	135	11.57	1.04	25	
Cyclohexane	10.99	0.50	10	0	110	65	135	10.96	0.273	25	
Dibromochloromethane	11.69	0.50	10	0	117	65	135	11.74	0.427	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR inc. Email: michael.nesky@lfr.com
Address: 4201 N 27th St City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-0311 Fax:

Project Info:
P.O. #:
Project #: 014-1002213 Phase 007
Project Name: Silvercroft

Turn Around Time:
☐ Normal
☒ Rush
specify

Lab Use Only
Pressurized by: BS
Date: 6/12/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	061107-EFF-AT	SC18	6/11/07	11:43	TO-15, TPH, TO-15 Gas	-27	0	2.5"Hg	15.0 psi
02A	061107-EFF-AT-D	9381	↓	11:48	↓	-26.5	0	2.5"Hg	↓
03A	061107-Mid Carb-AT	SC57	↓	11:58	↓	-27	0	2.0"Hg	↓
04A	061107-Post Ox-AT	SC31	↓	12:10	↓	-27	0	3.0"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	6/11/07 13:30	Monica Hagen ATL	6/12/07 8:50
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8569 5352 2538	NA	Good	Yes No None	0706233

Form 1293 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Friday, July 20, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: KMEP/Silvercroft/01410022 13 007

Order No.: 07070543

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 7/16/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/01410022 13 007
Lab Order: 07070543

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.
S12 Surrogate recovery was low. Data reported per ADEQ policy 0154.000.

Aerotech Environmental Laboratories

Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/01410022 13 007
Lab Order: 07070543

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07070543-01A	VSP4-071607-EFF	1234	7/16/2007 2:23:00 PM	7/16/2007
07070543-02A	VSP3-071607-MIDCAR	0606	7/16/2007 2:26:00 PM	7/16/2007
07070543-03A	VSP3D-071607-MIDCAR	0220	7/16/2007 2:49:00 PM	7/16/2007
07070543-04A	VSP2-071607-POSTOX	0663	7/16/2007 2:57:00 PM	7/16/2007
07070543-05A	VSP1-071607-INF	0619	7/16/2007 3:00:00 PM	7/16/2007

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4-071607-EFF
Lab Order:	07070543	**Tag Number:**	1234
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:23:00 PM
Lab ID:	07070543-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/17/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/17/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	7/17/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/17/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/17/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/17/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	7/17/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/17/2007
Acetone	11	5.0		ppbv	1	7/17/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Benzene	< 0.50	0.50		ppbv	1	7/17/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/17/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/17/2007
Bromoform	< 0.50	0.50		ppbv	1	7/17/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/17/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/17/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/17/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/17/2007
Chloroform	< 0.50	0.50		ppbv	1	7/17/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4-071607-EFF
Lab Order:	07070543	**Tag Number:**	1234
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:23:00 PM
Lab ID:	07070543-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/17/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/17/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/17/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
Heptane	< 0.50	0.50		ppbv	1	7/17/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/17/2007
Hexane	< 0.50	0.50		ppbv	1	7/17/2007
m&p-Xylene	1.6	1.0		ppbv	1	7/17/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/17/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/17/2007
o-Xylene	0.54	0.50		ppbv	1	7/17/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/17/2007
Styrene	0.60	0.50		ppbv	1	7/17/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/17/2007
Toluene	1.5	0.50		ppbv	1	7/17/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Surr: 4-Bromofluorobenzene	99.9	70-130		%REC	1	7/17/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/7/2007
Surr: 4-Bromofluorobenzene	72.8	70-130		%REC	1	7/7/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3-071607-MIDCAR
Lab Order:	07070543	**Tag Number:**	0606
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:26:00 PM
Lab ID:	07070543-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/17/2007
1,2,4-Trimethylbenzene	0.54	0.50		ppbv	1	7/17/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/17/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	7/17/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/17/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/17/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/17/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	7/17/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/17/2007
Acetone	8.7	5.0		ppbv	1	7/17/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Benzene	< 0.50	0.50		ppbv	1	7/17/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/17/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/17/2007
Bromoform	< 0.50	0.50		ppbv	1	7/17/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/17/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/17/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/17/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/17/2007
Chloroform	< 0.50	0.50		ppbv	1	7/17/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3-071607-MIDCAR
Lab Order:	07070543	**Tag Number:**	0606
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:26:00 PM
Lab ID:	07070543-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/17/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/17/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/17/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
Heptane	< 0.50	0.50		ppbv	1	7/17/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/17/2007
Hexane	< 0.50	0.50		ppbv	1	7/17/2007
m&p-Xylene	1.1	1.0		ppbv	1	7/17/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/17/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/17/2007
o-Xylene	0.57	0.50		ppbv	1	7/17/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/17/2007
Styrene	0.84	0.50		ppbv	1	7/17/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/17/2007
Toluene	1.2	0.50		ppbv	1	7/17/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Surr: 4-Bromofluorobenzene	81.1	70-130		%REC	1	7/17/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/7/2007
Surr: 4-Bromofluorobenzene	68.1	70-130	S12	%REC	1	7/7/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3D-071607-MIDCAR
Lab Order:	07070543	**Tag Number:**	0220
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:49:00 PM
Lab ID:	07070543-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	9.4	0.50		ppbv	1	7/17/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/17/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/17/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	7/17/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/17/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/17/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/17/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	7/17/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/17/2007
Acetone	< 5.0	5.0		ppbv	1	7/17/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Benzene	< 0.50	0.50		ppbv	1	7/17/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/17/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/17/2007
Bromoform	< 0.50	0.50		ppbv	1	7/17/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/17/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/17/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/17/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/17/2007
Chloroform	1.1	0.50		ppbv	1	7/17/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3D-071607-MIDCAR
Lab Order:	07070543	**Tag Number:**	0220
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:49:00 PM
Lab ID:	07070543-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/17/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/17/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/17/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
Heptane	< 0.50	0.50		ppbv	1	7/17/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/17/2007
Hexane	< 0.50	0.50		ppbv	1	7/17/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	7/17/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/17/2007
Methylene chloride	0.68	0.50		ppbv	1	7/17/2007
o-Xylene	< 0.50	0.50		ppbv	1	7/17/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/17/2007
Styrene	0.75	0.50		ppbv	1	7/17/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/17/2007
Toluene	1.2	0.50		ppbv	1	7/17/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007
Trichloroethene	31	0.50		ppbv	1	7/17/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Surr: 4-Bromofluorobenzene	84.2	70-130		%REC	1	7/17/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/7/2007
Surr: 4-Bromofluorobenzene	72.8	70-130		%REC	1	7/7/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP2-071607-POSTOX
Lab Order:	07070543	**Tag Number:**	0663
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:57:00 PM
Lab ID:	07070543-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/17/2007
1,2,4-Trimethylbenzene	1.7	0.50		ppbv	1	7/17/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/17/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/17/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/17/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
1,4-Dichlorobenzene	2.0	0.50		ppbv	1	7/17/2007
2,2,4-Trimethylpentane	1.1	0.50		ppbv	1	7/17/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/17/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/17/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/17/2007
4-Ethyltoluene	0.86	0.50		ppbv	1	7/17/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/17/2007
Acetone	45	5.0		ppbv	1	7/17/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Benzene	4.3	0.50		ppbv	1	7/17/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/17/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/17/2007
Bromoform	< 0.50	0.50		ppbv	1	7/17/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/17/2007
Carbon disulfide	0.78	0.50		ppbv	1	7/17/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/17/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/17/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/17/2007
Chloroform	< 0.50	0.50		ppbv	1	7/17/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP2-071607-POSTOX
Lab Order:	07070543	**Tag Number:**	0663
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 2:57:00 PM
Lab ID:	07070543-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/17/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/17/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/17/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/17/2007
Ethylbenzene	1.8	0.50		ppbv	1	7/17/2007
Heptane	0.72	0.50		ppbv	1	7/17/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/17/2007
Hexane	< 0.50	0.50		ppbv	1	7/17/2007
m&p-Xylene	3.0	1.0		ppbv	1	7/17/2007
Methyl tert-butyl ether	8.3	1.0		ppbv	1	7/17/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/17/2007
o-Xylene	1.2	0.50		ppbv	1	7/17/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/17/2007
Styrene	1.2	0.50		ppbv	1	7/17/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/17/2007
Toluene	5.9	0.50		ppbv	1	7/17/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/17/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/17/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/17/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/17/2007
Surr: 4-Bromofluorobenzene	86.0	70-130		%REC	1	7/17/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/7/2007
Surr: 4-Bromofluorobenzene	66.4	70-130	S12	%REC	1	7/7/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP1-071607-INF
Lab Order:	07070543	**Tag Number:**	0619
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 3:00:00 PM
Lab ID:	07070543-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 250000	250000		ppbv	500000	7/17/2007
1,1,2,2-Tetrachloroethane	< 250000	250000		ppbv	500000	7/17/2007
1,1,2-Trichloroethane	< 250000	250000		ppbv	500000	7/17/2007
1,1-Dichloroethane	< 250000	250000		ppbv	500000	7/17/2007
1,1-Dichloroethene	< 250000	250000		ppbv	500000	7/17/2007
1,2,4-Trichlorobenzene	< 1000000	1000000		ppbv	500000	7/17/2007
1,2,4-Trimethylbenzene	< 250000	250000		ppbv	500000	7/17/2007
1,2-Dibromoethane	< 250000	250000		ppbv	500000	7/17/2007
1,2-Dichlorobenzene	< 250000	250000		ppbv	500000	7/17/2007
1,2-Dichloroethane	< 250000	250000		ppbv	500000	7/17/2007
1,2-Dichloropropane	< 250000	250000		ppbv	500000	7/17/2007
1,3,5-Trimethylbenzene	< 250000	250000		ppbv	500000	7/17/2007
1,3-Butadiene	< 250000	250000		ppbv	500000	7/17/2007
1,3-Dichlorobenzene	< 250000	250000		ppbv	500000	7/17/2007
1,4-Dichlorobenzene	< 250000	250000		ppbv	500000	7/17/2007
2,2,4-Trimethylpentane	6900000	250000	D2	ppbv	500000	7/17/2007
2-Butanone (MEK)	< 500000	500000		ppbv	500000	7/17/2007
2-Hexanone	< 500000	500000		ppbv	500000	7/17/2007
2-Propanol	< 1000000	1000000		ppbv	500000	7/17/2007
4-Ethyltoluene	< 250000	250000		ppbv	500000	7/17/2007
4-Methyl-2-pentanone	< 500000	500000		ppbv	500000	7/17/2007
Acetone	< 2500000	2500000		ppbv	500000	7/17/2007
Allyl chloride	< 250000	250000		ppbv	500000	7/17/2007
Benzene	1900000	250000	D2	ppbv	500000	7/17/2007
Benzyl chloride	< 1000000	1000000		ppbv	500000	7/17/2007
Bromodichloromethane	< 250000	250000		ppbv	500000	7/17/2007
Bromoethene(Vinyl Bromide)	< 250000	250000		ppbv	500000	7/17/2007
Bromoform	< 250000	250000		ppbv	500000	7/17/2007
Bromomethane	< 250000	250000		ppbv	500000	7/17/2007
Carbon disulfide	< 250000	250000		ppbv	500000	7/17/2007
Carbon tetrachloride	< 250000	250000		ppbv	500000	7/17/2007
Chlorobenzene	< 250000	250000		ppbv	500000	7/17/2007
Chloroethane	< 250000	250000		ppbv	500000	7/17/2007
Chloroform	< 250000	250000		ppbv	500000	7/17/2007
Chloromethane	< 250000	250000		ppbv	500000	7/17/2007
cis-1,2-Dichloroethene	< 250000	250000		ppbv	500000	7/17/2007
cis-1,3-Dichloropropene	< 250000	250000		ppbv	500000	7/17/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *20-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP1-071607-INF
Lab Order:	07070543	**Tag Number:**	0619
Project:	KMEP/Silvercroft/01410022 13 007	**Collection Date:**	7/16/2007 3:00:00 PM
Lab ID:	07070543-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	2500000	250000	D2	ppbv	500000	7/17/2007
Dibromochloromethane	< 250000	250000		ppbv	500000	7/17/2007
Dichlorodifluoromethane(F-12)	< 250000	250000		ppbv	500000	7/17/2007
Dichlorotetrafluoroethane(F-114)	< 250000	250000		ppbv	500000	7/17/2007
Ethyl Acetate	< 250000	250000		ppbv	500000	7/17/2007
Ethylbenzene	< 250000	250000		ppbv	500000	7/17/2007
Heptane	1500000	250000	D2	ppbv	500000	7/17/2007
Hexachlorobutadiene	< 500000	500000		ppbv	500000	7/17/2007
Hexane	3400000	250000	D2	ppbv	500000	7/17/2007
m&p-Xylene	< 500000	500000		ppbv	500000	7/17/2007
Methyl tert-butyl ether	8100000	500000	D2	ppbv	500000	7/17/2007
Methylene chloride	< 250000	250000		ppbv	500000	7/17/2007
o-Xylene	< 250000	250000		ppbv	500000	7/17/2007
Propene (Propylene)	< 250000	250000		ppbv	500000	7/17/2007
Styrene	< 250000	250000		ppbv	500000	7/17/2007
Tetrachloroethene	< 250000	250000		ppbv	500000	7/17/2007
Tetrahydrofuran	< 1000000	1000000		ppbv	500000	7/17/2007
Toluene	3600000	250000	D2	ppbv	500000	7/17/2007
trans-1,2-Dichloroethene	< 250000	250000		ppbv	500000	7/17/2007
trans-1,3-Dichloropropene	< 250000	250000		ppbv	500000	7/17/2007
Trichloroethene	< 250000	250000		ppbv	500000	7/17/2007
Trichlorofluoromethane(F-11)	< 250000	250000		ppbv	500000	7/17/2007
Trichlorotrifluoroethane(F-113)	< 250000	250000		ppbv	500000	7/17/2007
Vinyl acetate	< 250000	250000		ppbv	500000	7/17/2007
Vinyl chloride	< 250000	250000		ppbv	500000	7/17/2007
Surr: 4-Bromofluorobenzene	86.1	70-130		%REC	500000	7/17/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	420000000	100000000		µg/m³	200000	7/7/2007
Surr: 4-Bromofluorobenzene	60.6	70-130	S12D2	%REC	200000	7/7/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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20-Jul-07

Lab Order: 07070543
Client: LFR - Levine Fricke
Project: KMEP/Silvercroft/01410022 13 00

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07070543-01A	VSP4-071607-EFF	7/16/2007 2:23:00 PM	Air	Gasoline Hydrocarbons in Air			7/7/2007
				Volatile Organics in Air			7/17/2007
07070543-02A	VSP3-071607-MIDCAR	7/16/2007 2:26:00 PM		Gasoline Hydrocarbons in Air			7/7/2007
				Volatile Organics in Air			7/17/2007
07070543-03A	VSP3D-071607-MIDCAR	7/16/2007 2:49:00 PM		Gasoline Hydrocarbons in Air			7/7/2007
				Volatile Organics in Air			7/17/2007
07070543-04A	VSP2-071607-POSTOX	7/16/2007 2:57:00 PM		Gasoline Hydrocarbons in Air			7/7/2007
				Volatile Organics in Air			7/17/2007
07070543-05A	VSP1-071607-INF	7/16/2007 3:00:00 PM		Gasoline Hydrocarbons in Air			7/7/2007
				Volatile Organics in Air			7/17/2007

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89122** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/18/2007** SeqNo: **1054278**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89122** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/18/2007** SeqNo: **1054278**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89122** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/18/2007** SeqNo: **1054278**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.650	0.50	10	0	96.5	70	130				

Sample ID: **LCS-R89122** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054279**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.600	0.50	10	0	96.0	65	135				
1,1,2,2-Tetrachloroethane	9.680	0.50	10	0	96.8	65	135				
1,1,2-Trichloroethane	9.670	0.50	10	0	96.7	65	135				
1,1-Dichloroethane	9.890	0.50	10	0	98.9	65	135				
1,1-Dichloroethene	9.140	0.50	10	0	91.4	65	135				
1,2,4-Trichlorobenzene	9.900	2.0	10	0	99.0	65	135				
1,2,4-Trimethylbenzene	10.14	0.50	10	0	101	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89122** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054279**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	9.770	0.50	10	0	97.7	65	135				
1,2-Dichlorobenzene	9.660	0.50	10	0	96.6	65	135				
1,2-Dichloroethane	9.820	0.50	10	0	98.2	65	135				
1,2-Dichloropropane	9.920	0.50	10	0	99.2	65	135				
1,3,5-Trimethylbenzene	10.04	0.50	10	0	100	65	135				
1,3-Butadiene	9.720	0.50	10	0	97.2	65	135				
1,3-Dichlorobenzene	9.780	0.50	10	0	97.8	65	135				
1,4-Dichlorobenzene	9.700	0.50	10	0	97.0	65	135				
2,2,4-Trimethylpentane	10.17	0.50	10	0	102	65	135				
2-Butanone (MEK)	10.16	1.0	10	0	102	65	135				
2-Hexanone	9.970	1.0	10	0	99.7	65	135				
2-Propanol	9.740	2.0	10	0	97.4	65	135				
4-Ethyltoluene	10.19	0.50	10	0	102	65	135				
4-Methyl-2-pentanone	10.15	1.0	10	0	102	65	135				
Acetone	8.820	5.0	10	0	88.2	65	135				
Allyl chloride	9.960	0.50	10	0	99.6	65	135				
Benzene	9.920	0.50	10	0	99.2	65	135				
Benzyl chloride	8.890	2.0	10	0	88.9	65	135				
Bromodichloromethane	9.940	0.50	10	0	99.4	65	135				
Bromoethene(Vinyl Bromide)	9.900	0.50	10	0	99.0	65	135				
Bromoform	10.08	0.50	10	0	101	65	135				
Bromomethane	9.690	0.50	10	0	96.9	65	135				
Carbon disulfide	9.870	0.50	10	0	98.7	65	135				
Carbon tetrachloride	9.820	0.50	10	0	98.2	65	135				
Chlorobenzene	9.810	0.50	10	0	98.1	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89122** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054279**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.610	0.50	10	0	96.1	65	135				
Chloroform	9.450	0.50	10	0	94.5	65	135				
Chloromethane	9.630	0.50	10	0	96.3	65	135				
cis-1,2-Dichloroethene	9.850	0.50	10	0	98.5	65	135				
cis-1,3-Dichloropropene	9.980	0.50	10	0	99.8	65	135				
Cyclohexane	10.16	0.50	10	0	102	65	135				
Dibromochloromethane	9.960	0.50	10	0	99.6	65	135				
Dichlorodifluoromethane(F-12)	9.490	0.50	10	0	94.9	65	135				
Dichlorotetrafluoroethane(F-114)	9.690	0.50	10	0	96.9	65	135				
Ethyl Acetate	10.12	0.50	10	0	101	65	135				
Ethylbenzene	9.980	0.50	10	0	99.8	65	135				
Heptane	10.12	0.50	10	0	101	65	135				
Hexachlorobutadiene	9.750	1.0	10	0	97.5	65	135				
Hexane	10.38	0.50	10	0	104	65	135				
m&p-Xylene	19.49	1.0	20	0	97.5	65	135				
Methyl tert-butyl ether	9.690	1.0	10	0	96.9	65	135				
Methylene chloride	9.530	0.50	10	0	95.3	65	135				
o-Xylene	9.940	0.50	10	0	99.4	65	135				
Propene (Propylene)	9.750	0.50	10	0	97.5	65	135				
Styrene	10.04	0.50	10	0	100	65	135				
Tetrachloroethene	9.210	0.50	10	0	92.1	65	135				
Tetrahydrofuran	10.33	2.0	10	0	103	65	135				
Toluene	9.830	0.50	10	0	98.3	65	135				
trans-1,2-Dichloroethene	9.910	0.50	10	0	99.1	65	135				
trans-1,3-Dichloropropene	10.16	0.50	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89122** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054279**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.260	0.50	10	0	92.6	65	135				
Trichlorofluoromethane(F-11)	9.760	0.50	10	0	97.6	65	135				
Trichlorotrifluoroethane(F-113)	9.780	0.50	10	0	97.8	65	135				
Vinyl acetate	10.17	0.50	10	0	102	65	135				
Vinyl chloride	9.690	0.50	10	0	96.9	65	135				
Surr: 4-Bromofluorobenzene	9.850	0.50	10	0	98.5	70	130				

Sample ID: **LCSD-R89122** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.730	0.50	10	0	97.3	65	135	9.600	1.35	25	
1,1,2,2-Tetrachloroethane	9.690	0.50	10	0	96.9	65	135	9.680	0.103	25	
1,1,2-Trichloroethane	9.670	0.50	10	0	96.7	65	135	9.670	0	25	
1,1-Dichloroethane	9.900	0.50	10	0	99.0	65	135	9.890	0.101	25	
1,1-Dichloroethene	9.200	0.50	10	0	92.0	65	135	9.140	0.654	25	
1,2,4-Trichlorobenzene	9.900	2.0	10	0	99.0	65	135	9.900	0	25	
1,2,4-Trimethylbenzene	10.07	0.50	10	0	101	65	135	10.14	0.693	25	
1,2-Dibromoethane	9.770	0.50	10	0	97.7	65	135	9.770	0	25	
1,2-Dichlorobenzene	9.650	0.50	10	0	96.5	65	135	9.660	0.104	25	
1,2-Dichloroethane	9.840	0.50	10	0	98.4	65	135	9.820	0.203	25	
1,2-Dichloropropane	9.970	0.50	10	0	99.7	65	135	9.920	0.503	25	
1,3,5-Trimethylbenzene	9.970	0.50	10	0	99.7	65	135	10.04	0.700	25	
1,3-Butadiene	9.640	0.50	10	0	96.4	65	135	9.720	0.826	25	
1,3-Dichlorobenzene	9.740	0.50	10	0	97.4	65	135	9.780	0.410	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R89122** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	9.700	0.50	10	0	97.0	65	135	9.700	0	25	
2,2,4-Trimethylpentane	10.17	0.50	10	0	102	65	135	10.17	0	25	
2-Butanone (MEK)	10.20	1.0	10	0	102	65	135	10.16	0.393	25	
2-Hexanone	10.36	1.0	10	0	104	65	135	9.970	3.84	25	
2-Propanol	10.35	2.0	10	0	104	65	135	9.740	6.07	25	
4-Ethyltoluene	10.13	0.50	10	0	101	65	135	10.19	0.591	25	
4-Methyl-2-pentanone	10.42	1.0	10	0	104	65	135	10.15	2.63	25	
Acetone	8.670	5.0	10	0	86.7	65	135	8.820	1.72	25	
Allyl chloride	10.06	0.50	10	0	101	65	135	9.960	0.999	25	
Benzene	9.950	0.50	10	0	99.5	65	135	9.920	0.302	25	
Benzyl chloride	9.570	2.0	10	0	95.7	65	135	8.890	7.37	25	
Bromodichloromethane	10.00	0.50	10	0	100	65	135	9.940	0.602	25	
Bromoethene(Vinyl Bromide)	9.850	0.50	10	0	98.5	65	135	9.900	0.506	25	
Bromoform	10.12	0.50	10	0	101	65	135	10.08	0.396	25	
Bromomethane	9.540	0.50	10	0	95.4	65	135	9.690	1.56	25	
Carbon disulfide	9.790	0.50	10	0	97.9	65	135	9.870	0.814	25	
Carbon tetrachloride	9.920	0.50	10	0	99.2	65	135	9.820	1.01	25	
Chlorobenzene	9.750	0.50	10	0	97.5	65	135	9.810	0.613	25	
Chloroethane	9.460	0.50	10	0	94.6	65	135	9.610	1.57	25	
Chloroform	9.470	0.50	10	0	94.7	65	135	9.450	0.211	25	
Chloromethane	9.460	0.50	10	0	94.6	65	135	9.630	1.78	25	
cis-1,2-Dichloroethene	9.890	0.50	10	0	98.9	65	135	9.850	0.405	25	
cis-1,3-Dichloropropene	10.12	0.50	10	0	101	65	135	9.980	1.39	25	
Cyclohexane	10.20	0.50	10	0	102	65	135	10.16	0.393	25	
Dibromochloromethane	9.950	0.50	10	0	99.5	65	135	9.960	0.100	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R89122** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89122**
Client ID: Batch ID: **R89122** TestNo: **TO15** Analysis Date: **7/17/2007** SeqNo: **1054280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	9.430	0.50	10	0	94.3	65	135	9.490	0.634	25	
Dichlorotetrafluoroethane(F-114)	9.690	0.50	10	0	96.9	65	135	9.690	0	25	
Ethyl Acetate	10.24	0.50	10	0	102	65	135	10.12	1.18	25	
Ethylbenzene	9.930	0.50	10	0	99.3	65	135	9.980	0.502	25	
Heptane	10.11	0.50	10	0	101	65	135	10.12	0.0989	25	
Hexachlorobutadiene	9.690	1.0	10	0	96.9	65	135	9.750	0.617	25	
Hexane	10.44	0.50	10	0	104	65	135	10.38	0.576	25	
m&p-Xylene	19.96	1.0	20	0	99.8	65	135	19.49	2.38	25	
Methyl tert-butyl ether	9.910	1.0	10	0	99.1	65	135	9.690	2.24	25	
Methylene chloride	9.580	0.50	10	0	95.8	65	135	9.530	0.523	25	
o-Xylene	9.850	0.50	10	0	98.5	65	135	9.940	0.910	25	
Propene (Propylene)	9.750	0.50	10	0	97.5	65	135	9.750	0	25	
Styrene	10.01	0.50	10	0	100	65	135	10.04	0.299	25	
Tetrachloroethene	9.170	0.50	10	0	91.7	65	135	9.210	0.435	25	
Tetrahydrofuran	10.30	2.0	10	0	103	65	135	10.33	0.291	25	
Toluene	9.810	0.50	10	0	98.1	65	135	9.830	0.204	25	
trans-1,2-Dichloroethene	9.950	0.50	10	0	99.5	65	135	9.910	0.403	25	
trans-1,3-Dichloropropene	10.28	0.50	10	0	103	65	135	10.16	1.17	25	
Trichloroethene	9.280	0.50	10	0	92.8	65	135	9.260	0.216	25	
Trichlorofluoromethane(F-11)	9.640	0.50	10	0	96.4	65	135	9.760	1.24	25	
Trichlorotrifluoroethane(F-113)	9.790	0.50	10	0	97.9	65	135	9.780	0.102	25	
Vinyl acetate	10.61	0.50	10	0	106	65	135	10.17	4.23	25	
Vinyl chloride	9.620	0.50	10	0	96.2	65	135	9.690	0.725	25	
Surr: 4-Bromofluorobenzene	10.12	0.50	10	0	101	70	130	9.850	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *20-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070543
Project: KMEP/Silvercroft/01410022 13 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R89098** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89098**
Client ID: Batch ID: **R89098** TestNo: **TO15Modifie** Analysis Date: **7/7/2007** SeqNo: **1053977**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	55.17	0	72.3	0	76.3	70	130				

Sample ID: **LCS-R89098** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89098**
Client ID: Batch ID: **R89098** TestNo: **TO15Modifie** Analysis Date: **7/17/2007** SeqNo: **1053978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2397	500	2500	0	95.9	60	140				
Surr: 4-Bromofluorobenzene	50.96	0	72.3	0	70.5	70	130				

Sample ID: **LCSD-R89098** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89098**
Client ID: Batch ID: **R89098** TestNo: **TO15Modifie** Analysis Date: **7/17/2007** SeqNo: **1053979**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2307	500	2500	0	92.3	60	140	2397	3.85	35	
Surr: 4-Bromofluorobenzene	51.06	0	72.3	0	70.6	70	130	50.96	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By: _____

Laboratory Number: 07-07-0543	Completed By/On: Jovan Espinoza 7/16
Client Name: LFR	Date/Time Rec'd: 7/16/07 1727 By: JE
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	✓		
Custody seals intact on shipping container/cooler?			✓
Custody seals intact on sample containers?			✓
Chain of Custody present and relinquished/received properly?	✓		
Chain of Custody agrees with sample labels?	✓		
Samples in proper containers/bottles?	✓		
Sample containers intact?	✓		
All samples received within holding time?	✓		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	✓		
40mL vials for volatiles & SOGs received with zero headspace?			✓

Soil Containers:
Brass Sleeve_____
Glass Jar_____
Methanol_____
Plastic Bag_____
Encore Samplers_____
Sterile Plastic_____

Total number of bottles received: 5	IH sample media: 1L Canister
If applicable, how many sample bottles were shipped from AEL-Tucson?	N/A ✓

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A ✓

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
H_2SO_4	<2		
1664	<2		
Cyanide	>12		
Sulfide	>9		

Comments: _____

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07-07-0543

Customer Number:	**Page** 1 **of** 1
Customer: LFR	**Sampler:** Sean, Ryan
Address: 14201 N 87th St Suite 135	**Project Name:** KMEP/Silvercroft
City, State, Zip: Scottsdale, AZ 85260	**Project Number:** 01410022 13 007
Contact: Sean Coury	**P.O. Number:**
Phone: 480 905 9311 **Fax:**	**Fax Results:** Y (N)
E-Mail Address: sean.coury@lfr.com	**E-Mail Results:** (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ___ No X
Custody Seals Intact: Yes ___ No X
Total # of Containers: 5

Turn Around Request

X 24 Hours ___ 48 Hours
___ 72 Hours
___ 5 working Day
___ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	MTBE, BTEX, TPH					
1	1234	6, (1) 0.4	VSP4-071607-EFF	7/16/07	14:23	Air				X		X					
2	0606	6, (1) 0.4	VSP3-071607-MIDCAR		1426												
3	0220	6, (1) 0.4	VSP3D-071607-MIDCAR		1449												
4	0663	6, (1) 0.4	VSP2-071607-POST OX		1457												
5	0619	6, (1) 0.4	VSP1-071607-INF		1500												
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
7-16-07	17:27	(Ryan O'Keefe)	Juan Espinoza

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0707285B

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 Phase 007 Silvercroft Wash
DATE RECEIVED:	07/17/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/18/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-071607-EFF	Modified TO-15	3.0 "Hg
02A	VSP-3-071607-Mid Carb	Modified TO-15	3.0 "Hg
03A	VSP-3D-071607-Mid Carb	Modified TO-15	2.5 "Hg
04A	VSP-2-071607-Post Ox	Modified TO-15	4.5 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 07/20/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0707285B

Four 6 Liter Summa Canister (100% Certified) samples were received on July 17, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-071607-EFF

Lab ID#: 0707285B-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Acetone	0.74	22	1.8	52
2-Butanone (Methyl Ethyl Ketone)	0.15	0.20	0.44	0.58
Heptane	0.15	0.19	0.61	0.78
Toluene	0.15	0.66	0.56	2.5
Ethyl Benzene	0.15	0.16	0.65	0.68
m,p-Xylene	0.15	0.64	0.65	2.8
o-Xylene	0.15	0.19	0.65	0.83
4-Ethyltoluene	0.15	0.22	0.73	1.1

Client Sample ID: VSP-3-071607-Mid Carb

Lab ID#: 0707285B-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	0.74	2.2	1.4	4.2
Acetone	0.74	34	1.8	80
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.44	2.0
Benzene	0.15	0.15	0.48	0.49
Toluene	0.15	0.43	0.56	1.6
m,p-Xylene	0.15	0.36	0.65	1.6
Styrene	0.15	0.18	0.63	0.75
Cumene	0.15	0.60	0.73	2.9

Client Sample ID: VSP-3D-071607-Mid Carb

Lab ID#: 0707285B-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	0.73	1.4	1.4	2.6
Acetone	0.73	21	1.7	49
2-Butanone (Methyl Ethyl Ketone)	0.15	1.1	0.43	3.3
Toluene	0.15	0.48	0.55	1.8
m,p-Xylene	0.15	0.33	0.63	1.4

Client Sample ID: VSP-2-071607-Post Ox

Lab ID#: 0707285B-04A

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-2-071607-Post Ox

Lab ID#: 0707285B-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.91	0.78	4.5
Chloromethane	0.16	0.21	0.33	0.43
Bromomethane	0.16	0.19	0.61	0.74
Ethanol	0.79	0.80	1.5	1.5
Acetone	0.79	0.79	1.9	1.9
Carbon Disulfide	0.79	1.5	2.5	4.8
Benzene	0.16	0.82	0.50	2.6
Toluene	0.16	1.6	0.60	6.0
Ethyl Benzene	0.16	0.21	0.69	0.91
m,p-Xylene	0.16	0.39	0.69	1.7

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-071607-EFF

Lab ID#: 0707285B-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071822**	**Date of Collection: 7/16/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 7/19/07 12:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	Not Detected	0.74	Not Detected
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	Not Detected	1.4	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	22	1.8	52
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.20	0.44	0.58
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	Not Detected	0.48	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	0.19	0.61	0.78
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.66	0.56	2.5
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-071607-EFF

Lab ID#: 0707285B-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071822**	**Date of Collection:**	**7/16/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**7/19/07 12:43 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	0.16	0.65	0.68
m,p-Xylene	0.15	0.64	0.65	2.8
o-Xylene	0.15	0.19	0.65	0.83
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	0.22	0.73	1.1
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-071607-Mid Carb

Lab ID#: 0707285B-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071823**	**Date of Collection: 7/16/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 7/19/07 02:03 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	Not Detected	0.74	Not Detected
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	2.2	1.4	4.2
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	34	1.8	80
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.44	2.0
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.15	0.48	0.49
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.43	0.56	1.6
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-071607-Mid Carb

Lab ID#: 0707285B-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071823**	**Date of Collection:**	**7/16/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**7/19/07 02:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.36	0.65	1.6
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	0.18	0.63	0.75
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	0.60	0.73	2.9
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.73	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-071607-Mid Carb

Lab ID#: 0707285B-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071824**	**Date of Collection: 7/16/07**	
Dil. Factor:	**1.46**	**Date of Analysis: 7/19/07 03:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	Not Detected	0.72	Not Detected
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.4	1.4	2.6
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	21	1.7	49
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	1.1	0.43	3.3
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	Not Detected	0.47	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.48	0.55	1.8
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-071607-Mid Carb

Lab ID#: 0707285B-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071824**	**Date of Collection:**	**7/16/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**7/19/07 03:14 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	Not Detected	0.63	Not Detected
m,p-Xylene	0.15	0.33	0.63	1.4
o-Xylene	0.15	Not Detected	0.63	Not Detected
Styrene	0.15	Not Detected	0.62	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.72	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.72	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	115	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-071607-Post Ox

Lab ID#: 0707285B-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071825**	**Date of Collection: 7/16/07**	
Dil. Factor:	**1.58**	**Date of Analysis: 7/19/07 05:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.91	0.78	4.5
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.21	0.33	0.43
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.16	Not Detected	0.35	Not Detected
Bromomethane	0.16	0.19	0.61	0.74
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	Not Detected	0.89	Not Detected
Ethanol	0.79	0.80	1.5	1.5
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	0.79	1.9	1.9
2-Propanol	0.79	Not Detected	1.9	Not Detected
Carbon Disulfide	0.79	1.5	2.5	4.8
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.57	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Hexane	0.16	Not Detected	0.56	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	Not Detected	0.46	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.77	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Cyclohexane	0.16	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.99	Not Detected
Benzene	0.16	0.82	0.50	2.6
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
Heptane	0.16	Not Detected	0.65	Not Detected
Trichloroethene	0.16	Not Detected	0.85	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.73	Not Detected
1,4-Dioxane	0.16	Not Detected	0.57	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.65	Not Detected
Toluene	0.16	1.6	0.60	6.0
trans-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-071607-Post Ox

Lab ID#: 0707285B-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071825**	**Date of Collection:**	**7/16/07**
Dil. Factor:	**1.58**	**Date of Analysis:**	**7/19/07 05:37 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.79	Not Detected	3.2	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.73	Not Detected
Ethyl Benzene	0.16	0.21	0.69	0.91
m,p-Xylene	0.16	0.39	0.69	1.7
o-Xylene	0.16	Not Detected	0.69	Not Detected
Styrene	0.16	Not Detected	0.67	Not Detected
Bromoform	0.16	Not Detected	1.6	Not Detected
Cumene	0.16	Not Detected	0.78	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.78	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.78	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2,4-Trichlorobenzene	0.79	Not Detected	5.9	Not Detected
Hexachlorobutadiene	0.79	Not Detected	8.4	Not Detected

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	87	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707285B-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071819**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/18/07 09:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707285B-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071819**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/18/07 09:44 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707285B-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071802**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/18/07 09:06 AM**

Compound	%Recovery
Freon 12	105
Freon 114	114
Chloromethane	90
Vinyl Chloride	100
1,3-Butadiene	90
Bromomethane	104
Chloroethane	104
Freon 11	135 Q
Ethanol	86
Freon 113	120
1,1-Dichloroethene	110
Acetone	99
2-Propanol	91
Carbon Disulfide	107
Methylene Chloride	109
Methyl tert-butyl ether	90
trans-1,2-Dichloroethene	112
Hexane	100
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	115
cis-1,2-Dichloroethene	109
Tetrahydrofuran	89
Chloroform	109
1,1,1-Trichloroethane	106
Cyclohexane	108
Carbon Tetrachloride	115
Benzene	98
1,2-Dichloroethane	98
Heptane	91
Trichloroethene	106
1,2-Dichloropropane	93
1,4-Dioxane	104
Bromodichloromethane	101
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	91
Toluene	103
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	107
Tetrachloroethene	109

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707285B-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/18/07 09:06 AM**	

Compound	**%Recovery**
2-Hexanone	98
Dibromochloromethane	110
1,2-Dibromoethane (EDB)	107
Chlorobenzene	106
Ethyl Benzene	110
m,p-Xylene	111
o-Xylene	114
Styrene	113
Bromoform	127
Cumene	117
1,1,2,2-Tetrachloroethane	107
Propylbenzene	115
4-Ethyltoluene	119
1,3,5-Trimethylbenzene	116
1,2,4-Trimethylbenzene	122
1,3-Dichlorobenzene	121
1,4-Dichlorobenzene	120
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	120
1,2,4-Trichlorobenzene	151 Q
Hexachlorobutadiene	165 Q

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	112	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707285B-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071817**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/18/07 07:59 PM**

Compound	%Recovery
Freon 12	89
Freon 114	91
Chloromethane	79
Vinyl Chloride	84
1,3-Butadiene	80
Bromomethane	88
Chloroethane	92
Freon 11	76
Ethanol	110
Freon 113	114
1,1-Dichloroethene	107
Acetone	102
2-Propanol	80
Carbon Disulfide	93
Methylene Chloride	102
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	95
Hexane	91
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	109
cis-1,2-Dichloroethene	98
Tetrahydrofuran	84
Chloroform	98
1,1,1-Trichloroethane	95
Cyclohexane	93
Carbon Tetrachloride	96
Benzene	91
1,2-Dichloroethane	93
Heptane	88
Trichloroethene	101
1,2-Dichloropropane	89
1,4-Dioxane	91
Bromodichloromethane	92
cis-1,3-Dichloropropene	93
4-Methyl-2-pentanone	89
Toluene	97
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	92
Tetrachloroethene	92

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707285B-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z071817**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/18/07 07:59 PM**

Compound	**%Recovery**
2-Hexanone	88
Dibromochloromethane	95
1,2-Dibromoethane (EDB)	88
Chlorobenzene	91
Ethyl Benzene	93
m,p-Xylene	95
o-Xylene	97
Styrene	97
Bromoform	99
Cumene	105
1,1,2,2-Tetrachloroethane	84
Propylbenzene	104
4-Ethyltoluene	102
1,3,5-Trimethylbenzene	98
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	98
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	98
1,2,4-Trichlorobenzene	119
Hexachlorobutadiene	128

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager _____
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc. Email _____
Address 14201 N 87th St. Suite 135 City Scottsdale State AZ Zip 85260
Phone 480-905-9311 Fax _____

Project Info:
P.O. # _____
Project # 014-1002213 Phase 007
Project Name Silverado Wash

Turn Around Time:
☐ Normal
☒ Rush 24h TAT
specify

Lab Use Only
Pressurized by: VFL
Date: 7/17/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-071607-EFF	3772	7-16-07	1426	TO-15 TPH, MTBE, BTEX	27.5	Ø	30"Hg	5.0psi
02A	VSP-3-071607-Mid Carb	1925		1452		27.5	Ø	30"Hg	
03A	VSP-3D-071607-Mid Carb	4186		1454		27.5	Ø	2.5"Hg	
04A	VSP-2-071607-Post Ox	33799		1457		27.5	Ø	4.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	7-16-07 16:00	T. LaFleur-ATL	7/17/07 0852
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8612 5894 8005	Tbl	good	Yes No (None)	0707285

Form 1293 rev.77

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Tuesday, July 24, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-1002213 007

Order No.: 07070708

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 7/19/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-1002213 007
Lab Order: 07070708

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07070708-01A	VSP-4-071907-EFF	1279	7/19/2007 3:10:00 PM	7/19/2007
07070708-02A	VSP-3-071907-Midcarb	0262	7/19/2007 3:13:00 PM	7/19/2007
07070708-03A	VSP-3-071907-Midcarrb D	1422	7/19/2007 3:15:00 PM	7/19/2007
07070708-04A	VSP-2-071907-Post Ox	0723	7/19/2007 3:18:00 PM	7/19/2007
07070708-05A	VSP-1-071907-INF	0001	7/19/2007 3:24:00 PM	7/19/2007

Aerotech Environmental Laboratories

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-1002213 007
Lab Order: 07070708

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-071907-EFF
Lab Order:	07070708	**Tag Number:**	1279
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:10:00 PM
Lab ID:	07070708-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/20/2007
1,2,4-Trimethylbenzene	0.61	0.50		ppbv	1	7/20/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/20/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
2,2,4-Trimethylpentane	0.60	0.50		ppbv	1	7/20/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/20/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/20/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/20/2007
4-Ethyltoluene	0.62	0.50		ppbv	1	7/20/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/20/2007
Acetone	< 5.0	5.0		ppbv	1	7/20/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Benzene	0.93	0.50		ppbv	1	7/20/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/20/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/20/2007
Bromoform	< 0.50	0.50		ppbv	1	7/20/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/20/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/20/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/20/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/20/2007
Chloroform	< 0.50	0.50		ppbv	1	7/20/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-071907-EFF
Lab Order:	07070708	**Tag Number:**	1279
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:10:00 PM
Lab ID:	07070708-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	0.56	0.50		ppbv	1	7/20/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/20/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/20/2007
Ethylbenzene	0.89	0.50		ppbv	1	7/20/2007
Heptane	< 0.50	0.50		ppbv	1	7/20/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/20/2007
Hexane	< 0.50	0.50		ppbv	1	7/20/2007
m&p-Xylene	3.0	1.0		ppbv	1	7/20/2007
Methyl tert-butyl ether	3.3	1.0		ppbv	1	7/20/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/20/2007
o-Xylene	1.2	0.50		ppbv	1	7/20/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/20/2007
Styrene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/20/2007
Toluene	5.1	0.50		ppbv	1	7/20/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	7/20/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/21/2007
Surr: 4-Bromofluorobenzene	91.3	70-130		%REC	1	7/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-071907-Midcarb
Lab Order:	07070708	**Tag Number:**	0262
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:13:00 PM
Lab ID:	07070708-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/20/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/20/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	7/20/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/20/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/20/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/20/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	7/20/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/20/2007
Acetone	< 5.0	5.0		ppbv	1	7/20/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Benzene	< 0.50	0.50		ppbv	1	7/20/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/20/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/20/2007
Bromoform	< 0.50	0.50		ppbv	1	7/20/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/20/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/20/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/20/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/20/2007
Chloroform	< 0.50	0.50		ppbv	1	7/20/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-071907-Midcarb
Lab Order:	07070708	**Tag Number:**	0262
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:13:00 PM
Lab ID:	07070708-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/20/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/20/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/20/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
Heptane	< 0.50	0.50		ppbv	1	7/20/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/20/2007
Hexane	< 0.50	0.50		ppbv	1	7/20/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	7/20/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/20/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/20/2007
o-Xylene	< 0.50	0.50		ppbv	1	7/20/2007
Propene (Propylene)	1.3	0.50		ppbv	1	7/20/2007
Styrene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/20/2007
Toluene	1.8	0.50		ppbv	1	7/20/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Surr: 4-Bromofluorobenzene	84.2	70-130		%REC	1	7/20/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/21/2007
Surr: 4-Bromofluorobenzene	79.2	70-130		%REC	1	7/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-071907-Midcarrb D
Lab Order:	07070708	**Tag Number:**	1422
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:15:00 PM
Lab ID:	07070708-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/20/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/20/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	7/20/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/20/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/20/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/20/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	7/20/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/20/2007
Acetone	< 5.0	5.0		ppbv	1	7/20/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Benzene	< 0.50	0.50		ppbv	1	7/20/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/20/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/20/2007
Bromoform	< 0.50	0.50		ppbv	1	7/20/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/20/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/20/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/20/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/20/2007
Chloroform	< 0.50	0.50		ppbv	1	7/20/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-071907-Midcarrb D
Lab Order:	07070708	**Tag Number:**	1422
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:15:00 PM
Lab ID:	07070708-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/20/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/20/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/20/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
Heptane	< 0.50	0.50		ppbv	1	7/20/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/20/2007
Hexane	< 0.50	0.50		ppbv	1	7/20/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	7/20/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/20/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/20/2007
o-Xylene	< 0.50	0.50		ppbv	1	7/20/2007
Propene (Propylene)	1.4	0.50		ppbv	1	7/20/2007
Styrene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/20/2007
Toluene	1.4	0.50		ppbv	1	7/20/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Surr: 4-Bromofluorobenzene	94.5	70-130		%REC	1	7/20/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/21/2007
Surr: 4-Bromofluorobenzene	75.3	70-130		%REC	1	7/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-071907-Post Ox
Lab Order:	07070708	**Tag Number:**	0723
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:18:00 PM
Lab ID:	07070708-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/20/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/20/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/20/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/20/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
2,2,4-Trimethylpentane	0.58	0.50		ppbv	1	7/20/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/20/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/20/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/20/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	7/20/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/20/2007
Acetone	12	5.0		ppbv	1	7/20/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Benzene	0.50	0.50		ppbv	1	7/20/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	7/20/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/20/2007
Bromoform	< 0.50	0.50		ppbv	1	7/20/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/20/2007
Carbon disulfide	1.3	0.50		ppbv	1	7/20/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/20/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/20/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/20/2007
Chloroform	< 0.50	0.50		ppbv	1	7/20/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-071907-Post Ox
Lab Order:	07070708	**Tag Number:**	0723
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:18:00 PM
Lab ID:	07070708-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/20/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/20/2007
Dichlorodifluoromethane(F-12)	0.66	0.50		ppbv	1	7/20/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/20/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/20/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	7/20/2007
Heptane	< 0.50	0.50		ppbv	1	7/20/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/20/2007
Hexane	< 0.50	0.50		ppbv	1	7/20/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	7/20/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/20/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/20/2007
o-Xylene	< 0.50	0.50		ppbv	1	7/20/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/20/2007
Styrene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/20/2007
Toluene	0.97	0.50		ppbv	1	7/20/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/20/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/20/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/20/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/20/2007
Surr: 4-Bromofluorobenzene	82.5	70-130		%REC	1	7/20/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/21/2007
Surr: 4-Bromofluorobenzene	74.4	70-130		%REC	1	7/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-071907-INF
Lab Order:	07070708	**Tag Number:**	0001
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:24:00 PM
Lab ID:	07070708-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 250000	250000		ppbv	500000	7/20/2007
1,1,2,2-Tetrachloroethane	< 250000	250000		ppbv	500000	7/20/2007
1,1,2-Trichloroethane	< 250000	250000		ppbv	500000	7/20/2007
1,1-Dichloroethane	< 250000	250000		ppbv	500000	7/20/2007
1,1-Dichloroethene	< 250000	250000		ppbv	500000	7/20/2007
1,2,4-Trichlorobenzene	< 1000000	1000000		ppbv	500000	7/20/2007
1,2,4-Trimethylbenzene	< 250000	250000		ppbv	500000	7/20/2007
1,2-Dibromoethane	< 250000	250000		ppbv	500000	7/20/2007
1,2-Dichlorobenzene	< 250000	250000		ppbv	500000	7/20/2007
1,2-Dichloroethane	< 250000	250000		ppbv	500000	7/20/2007
1,2-Dichloropropane	< 250000	250000		ppbv	500000	7/20/2007
1,3,5-Trimethylbenzene	< 250000	250000		ppbv	500000	7/20/2007
1,3-Butadiene	< 250000	250000		ppbv	500000	7/20/2007
1,3-Dichlorobenzene	< 250000	250000		ppbv	500000	7/20/2007
1,4-Dichlorobenzene	< 250000	250000		ppbv	500000	7/20/2007
2,2,4-Trimethylpentane	4500000	250000	D2	ppbv	500000	7/20/2007
2-Butanone (MEK)	< 500000	500000		ppbv	500000	7/20/2007
2-Hexanone	< 500000	500000		ppbv	500000	7/20/2007
2-Propanol	< 1000000	1000000		ppbv	500000	7/20/2007
4-Ethyltoluene	< 250000	250000		ppbv	500000	7/20/2007
4-Methyl-2-pentanone	< 500000	500000		ppbv	500000	7/20/2007
Acetone	< 2500000	2500000		ppbv	500000	7/20/2007
Allyl chloride	< 250000	250000		ppbv	500000	7/20/2007
Benzene	1000000	250000	D2	ppbv	500000	7/20/2007
Benzyl chloride	< 1000000	1000000		ppbv	500000	7/20/2007
Bromodichloromethane	< 250000	250000		ppbv	500000	7/20/2007
Bromoethene(Vinyl Bromide)	< 250000	250000		ppbv	500000	7/20/2007
Bromoform	< 250000	250000		ppbv	500000	7/20/2007
Bromomethane	< 250000	250000		ppbv	500000	7/20/2007
Carbon disulfide	< 250000	250000		ppbv	500000	7/20/2007
Carbon tetrachloride	< 250000	250000		ppbv	500000	7/20/2007
Chlorobenzene	< 250000	250000		ppbv	500000	7/20/2007
Chloroethane	< 250000	250000		ppbv	500000	7/20/2007
Chloroform	< 250000	250000		ppbv	500000	7/20/2007
Chloromethane	< 250000	250000		ppbv	500000	7/20/2007
cis-1,2-Dichloroethene	< 250000	250000		ppbv	500000	7/20/2007
cis-1,3-Dichloropropene	< 250000	250000		ppbv	500000	7/20/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *24-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-071907-INF
Lab Order:	07070708	**Tag Number:**	0001
Project:	Silvercroft/014-1002213 007	**Collection Date:**	7/19/2007 3:24:00 PM
Lab ID:	07070708-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	1300000	250000	D2	ppbv	500000	7/20/2007
Dibromochloromethane	< 250000	250000		ppbv	500000	7/20/2007
Dichlorodifluoromethane(F-12)	< 250000	250000		ppbv	500000	7/20/2007
Dichlorotetrafluoroethane(F-114)	< 250000	250000		ppbv	500000	7/20/2007
Ethyl Acetate	< 250000	250000		ppbv	500000	7/20/2007
Ethylbenzene	< 250000	250000		ppbv	500000	7/20/2007
Heptane	980000	250000	D2	ppbv	500000	7/20/2007
Hexachlorobutadiene	< 500000	500000		ppbv	500000	7/20/2007
Hexane	1700000	250000	D2	ppbv	500000	7/20/2007
m&p-Xylene	< 500000	500000		ppbv	500000	7/20/2007
Methyl tert-butyl ether	7700000	500000	D2	ppbv	500000	7/20/2007
Methylene chloride	< 250000	250000		ppbv	500000	7/20/2007
o-Xylene	< 250000	250000		ppbv	500000	7/20/2007
Propene (Propylene)	< 250000	250000		ppbv	500000	7/20/2007
Styrene	< 250000	250000		ppbv	500000	7/20/2007
Tetrachloroethene	< 250000	250000		ppbv	500000	7/20/2007
Tetrahydrofuran	< 1000000	1000000		ppbv	500000	7/20/2007
Toluene	2200000	250000	D2	ppbv	500000	7/20/2007
trans-1,2-Dichloroethene	< 250000	250000		ppbv	500000	7/20/2007
trans-1,3-Dichloropropene	< 250000	250000		ppbv	500000	7/20/2007
Trichloroethene	< 250000	250000		ppbv	500000	7/20/2007
Trichlorofluoromethane(F-11)	< 250000	250000		ppbv	500000	7/20/2007
Trichlorotrifluoroethane(F-113)	< 250000	250000		ppbv	500000	7/20/2007
Vinyl acetate	< 250000	250000		ppbv	500000	7/20/2007
Vinyl chloride	< 250000	250000		ppbv	500000	7/20/2007
Surr: 4-Bromofluorobenzene	102	70-130		%REC	500000	7/20/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	200000000	100000000	D2	µg/m³	200000	7/22/2007
Surr: 4-Bromofluorobenzene	85.8	70-130		%REC	200000	7/22/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

24-Jul-07

Lab Order: 07070708
Client: LFR - Levine Fricke
Project: Silvercroft/014-1002213 007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07070708-01A	VSP-4-071907-EFF	7/19/2007 3:10:00 PM	Air	Gasoline Hydrocarbons in Air			7/21/2007
				Volatile Organics in Air			7/20/2007
07070708-02A	VSP-3-071907-Midcarb	7/19/2007 3:13:00 PM		Gasoline Hydrocarbons in Air			7/21/2007
				Volatile Organics in Air			7/20/2007
07070708-03A	VSP-3-071907-Midcarrb D	7/19/2007 3:15:00 PM		Gasoline Hydrocarbons in Air			7/21/2007
				Volatile Organics in Air			7/20/2007
07070708-04A	VSP-2-071907-Post Ox	7/19/2007 3:18:00 PM		Gasoline Hydrocarbons in Air			7/21/2007
				Volatile Organics in Air			7/20/2007
07070708-05A	VSP-1-071907-INF	7/19/2007 3:24:00 PM		Gasoline Hydrocarbons in Air			7/22/2007
				Volatile Organics in Air			7/20/2007

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89283** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056416**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89283** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056416**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89283** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056416**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	10.08	0.50	10	0	101	70	130				

Sample ID: **LCS-R89283** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.50	0.50	10	0	105	65	135				
1,1,2,2-Tetrachloroethane	10.38	0.50	10	0	104	65	135				
1,1,2-Trichloroethane	10.35	0.50	10	0	104	65	135				
1,1-Dichloroethane	10.88	0.50	10	0	109	65	135				
1,1-Dichloroethene	10.17	0.50	10	0	102	65	135				
1,2,4-Trichlorobenzene	9.890	2.0	10	0	98.9	65	135				
1,2,4-Trimethylbenzene	10.58	0.50	10	0	106	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89283** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	10.43	0.50	10	0	104	65	135				
1,2-Dichlorobenzene	9.970	0.50	10	0	99.7	65	135				
1,2-Dichloroethane	10.90	0.50	10	0	109	65	135				
1,2-Dichloropropane	10.79	0.50	10	0	108	65	135				
1,3,5-Trimethylbenzene	10.56	0.50	10	0	106	65	135				
1,3-Butadiene	11.41	0.50	10	0	114	65	135				
1,3-Dichlorobenzene	10.17	0.50	10	0	102	65	135				
1,4-Dichlorobenzene	10.07	0.50	10	0	101	65	135				
2,2,4-Trimethylpentane	11.14	0.50	10	0	111	65	135				
2-Butanone (MEK)	11.08	1.0	10	0	111	65	135				
2-Hexanone	11.39	1.0	10	0	114	65	135				
2-Propanol	11.70	2.0	10	0	117	65	135				
4-Ethyltoluene	10.63	0.50	10	0	106	65	135				
4-Methyl-2-pentanone	11.70	1.0	10	0	117	65	135				
Acetone	10.62	5.0	10	0	106	65	135				
Allyl chloride	10.84	0.50	10	0	108	65	135				
Benzene	10.74	0.50	10	0	107	65	135				
Benzyl chloride	11.77	2.0	10	0	118	65	135				
Bromodichloromethane	10.87	0.50	10	0	109	65	135				
Bromoethene(Vinyl Bromide)	11.80	0.50	10	0	118	65	135				
Bromoform	10.57	0.50	10	0	106	65	135				
Bromomethane	10.90	0.50	10	0	109	65	135				
Carbon disulfide	10.72	0.50	10	0	107	65	135				
Carbon tetrachloride	10.79	0.50	10	0	108	65	135				
Chlorobenzene	10.24	0.50	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89283** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	11.23	0.50	10	0	112	65	135				
Chloroform	10.34	0.50	10	0	103	65	135				
Chloromethane	11.05	0.50	10	0	110	65	135				
cis-1,2-Dichloroethene	10.54	0.50	10	0	105	65	135				
cis-1,3-Dichloropropene	10.93	0.50	10	0	109	65	135				
Cyclohexane	11.20	0.50	10	0	112	65	135				
Dibromochloromethane	10.64	0.50	10	0	106	65	135				
Dichlorodifluoromethane(F-12)	10.41	0.50	10	0	104	65	135				
Dichlorotetrafluoroethane(F-114)	10.80	0.50	10	0	108	65	135				
Ethyl Acetate	11.76	0.50	10	0	118	65	135				
Ethylbenzene	10.47	0.50	10	0	105	65	135				
Heptane	11.37	0.50	10	0	114	65	135				
Hexachlorobutadiene	9.760	1.0	10	0	97.6	65	135				
Hexane	11.50	0.50	10	0	115	65	135				
m&p-Xylene	20.49	1.0	20	0	102	65	135				
Methyl tert-butyl ether	10.83	1.0	10	0	108	65	135				
Methylene chloride	10.77	0.50	10	0	108	65	135				
o-Xylene	10.53	0.50	10	0	105	65	135				
Propene (Propylene)	10.97	0.50	10	0	110	65	135				
Styrene	10.52	0.50	10	0	105	65	135				
Tetrachloroethene	9.590	0.50	10	0	95.9	65	135				
Tetrahydrofuran	11.67	2.0	10	0	117	65	135				
Toluene	10.53	0.50	10	0	105	65	135				
trans-1,2-Dichloroethene	10.58	0.50	10	0	106	65	135				
trans-1,3-Dichloropropene	11.20	0.50	10	0	112	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89283** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056417**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.780	0.50	10	0	97.8	65	135				
Trichlorofluoromethane(F-11)	11.11	0.50	10	0	111	65	135				
Trichlorotrifluoroethane(F-113)	10.55	0.50	10	0	106	65	135				
Vinyl acetate	12.53	0.50	10	0	125	65	135				
Vinyl chloride	10.91	0.50	10	0	109	65	135				
Surr: 4-Bromofluorobenzene	10.45	0.50	10	0	104	70	130				

Sample ID: **LCSD-R89283** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.56	0.50	10	0	106	65	135	10.50	0.570	25	
1,1,2,2-Tetrachloroethane	10.43	0.50	10	0	104	65	135	10.38	0.481	25	
1,1,2-Trichloroethane	10.42	0.50	10	0	104	65	135	10.35	0.674	25	
1,1-Dichloroethane	10.88	0.50	10	0	109	65	135	10.88	0	25	
1,1-Dichloroethene	10.14	0.50	10	0	101	65	135	10.17	0.295	25	
1,2,4-Trichlorobenzene	10.04	2.0	10	0	100	65	135	9.890	1.51	25	
1,2,4-Trimethylbenzene	10.58	0.50	10	0	106	65	135	10.58	0	25	
1,2-Dibromoethane	10.53	0.50	10	0	105	65	135	10.43	0.954	25	
1,2-Dichlorobenzene	10.02	0.50	10	0	100	65	135	9.970	0.500	25	
1,2-Dichloroethane	10.93	0.50	10	0	109	65	135	10.90	0.275	25	
1,2-Dichloropropane	10.88	0.50	10	0	109	65	135	10.79	0.831	25	
1,3,5-Trimethylbenzene	10.53	0.50	10	0	105	65	135	10.56	0.284	25	
1,3-Butadiene	11.72	0.50	10	0	117	65	135	11.41	2.68	25	
1,3-Dichlorobenzene	10.14	0.50	10	0	101	65	135	10.17	0.295	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R89283** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	10.08	0.50	10	0	101	65	135	10.07	0.0993	25	
2,2,4-Trimethylpentane	11.17	0.50	10	0	112	65	135	11.14	0.269	25	
2-Butanone (MEK)	11.16	1.0	10	0	112	65	135	11.08	0.719	25	
2-Hexanone	11.60	1.0	10	0	116	65	135	11.39	1.83	25	
2-Propanol	12.17	2.0	10	0	122	65	135	11.70	3.94	25	
4-Ethyltoluene	10.65	0.50	10	0	106	65	135	10.63	0.188	25	
4-Methyl-2-pentanone	11.56	1.0	10	0	116	65	135	11.70	1.20	25	
Acetone	10.31	5.0	10	0	103	65	135	10.62	2.96	25	
Allyl chloride	11.06	0.50	10	0	111	65	135	10.84	2.01	25	
Benzene	10.68	0.50	10	0	107	65	135	10.74	0.560	25	
Benzyl chloride	11.58	2.0	10	0	116	65	135	11.77	1.63	25	
Bromodichloromethane	10.89	0.50	10	0	109	65	135	10.87	0.184	25	
Bromoethene(Vinyl Bromide)	11.19	0.50	10	0	112	65	135	11.80	5.31	25	
Bromoform	10.69	0.50	10	0	107	65	135	10.57	1.13	25	
Bromomethane	10.84	0.50	10	0	108	65	135	10.90	0.552	25	
Carbon disulfide	10.74	0.50	10	0	107	65	135	10.72	0.186	25	
Carbon tetrachloride	10.85	0.50	10	0	108	65	135	10.79	0.555	25	
Chlorobenzene	10.36	0.50	10	0	104	65	135	10.24	1.17	25	
Chloroethane	11.07	0.50	10	0	111	65	135	11.23	1.43	25	
Chloroform	10.37	0.50	10	0	104	65	135	10.34	0.290	25	
Chloromethane	10.95	0.50	10	0	110	65	135	11.05	0.909	25	
cis-1,2-Dichloroethene	10.50	0.50	10	0	105	65	135	10.54	0.380	25	
cis-1,3-Dichloropropene	11.00	0.50	10	0	110	65	135	10.93	0.638	25	
Cyclohexane	11.14	0.50	10	0	111	65	135	11.20	0.537	25	
Dibromochloromethane	10.71	0.50	10	0	107	65	135	10.64	0.656	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R89283** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89283**
Client ID: Batch ID: **R89283** TestNo: **TO15** Analysis Date: **7/19/2007** SeqNo: **1056418**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	10.37	0.50	10	0	104	65	135	10.41	0.385	25	
Dichlorotetrafluoroethane(F-114)	10.78	0.50	10	0	108	65	135	10.80	0.185	25	
Ethyl Acetate	11.83	0.50	10	0	118	65	135	11.76	0.593	25	
Ethylbenzene	10.51	0.50	10	0	105	65	135	10.47	0.381	25	
Heptane	11.25	0.50	10	0	112	65	135	11.37	1.06	25	
Hexachlorobutadiene	9.830	1.0	10	0	98.3	65	135	9.760	0.715	25	
Hexane	11.47	0.50	10	0	115	65	135	11.50	0.261	25	
m&p-Xylene	21.17	1.0	20	0	106	65	135	20.49	3.26	25	
Methyl tert-butyl ether	11.02	1.0	10	0	110	65	135	10.83	1.74	25	
Methylene chloride	10.73	0.50	10	0	107	65	135	10.77	0.372	25	
o-Xylene	10.47	0.50	10	0	105	65	135	10.53	0.571	25	
Propene (Propylene)	10.99	0.50	10	0	110	65	135	10.97	0.182	25	
Styrene	10.54	0.50	10	0	105	65	135	10.52	0.190	25	
Tetrachloroethene	9.630	0.50	10	0	96.3	65	135	9.590	0.416	25	
Tetrahydrofuran	11.58	2.0	10	0	116	65	135	11.67	0.774	25	
Toluene	10.59	0.50	10	0	106	65	135	10.53	0.568	25	
trans-1,2-Dichloroethene	10.68	0.50	10	0	107	65	135	10.58	0.941	25	
trans-1,3-Dichloropropene	11.45	0.50	10	0	114	65	135	11.20	2.21	25	
Trichloroethene	9.820	0.50	10	0	98.2	65	135	9.780	0.408	25	
Trichlorofluoromethane(F-11)	10.92	0.50	10	0	109	65	135	11.11	1.72	25	
Trichlorotrifluoroethane(F-113)	10.58	0.50	10	0	106	65	135	10.55	0.284	25	
Vinyl acetate	12.85	0.50	10	0	128	65	135	12.53	2.52	25	
Vinyl chloride	11.11	0.50	10	0	111	65	135	10.91	1.82	25	
Surr: 4-Bromofluorobenzene	10.35	0.50	10	0	104	70	130	10.45	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *24-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070708
Project: Silvercroft/014-1002213 007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R89289** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89289**
Client ID: Batch ID: **R89289** TestNo: **TO15Modifie** Analysis Date: **7/21/2007** SeqNo: **1056554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	64.60	0	72.3	0	89.3	70	130				

Sample ID: **LCS-R89289** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89289**
Client ID: Batch ID: **R89289** TestNo: **TO15Modifie** Analysis Date: **7/21/2007** SeqNo: **1056555**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2218	500	2500	0	88.7	60	140				
Surr: 4-Bromofluorobenzene	70.01	0	72.3	0	96.8	70	130				

Sample ID: **LCSD-R89289** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89289**
Client ID: Batch ID: **R89289** TestNo: **TO15Modifie** Analysis Date: **7/22/2007** SeqNo: **1056556**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2071	500	2500	0	82.9	60	140	2218	6.84	35	
Surr: 4-Bromofluorobenzene	56.39	0	72.3	0	78.0	70	130	70.01	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:

Laboratory Number: 07-07-0708	Completed By/On: Karen McCann
Client Name: LFR	Date/Time Rec'd: 7/19/07 1526 By: KM
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	~~Thermometer~~ IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5

IH sample media: 1 liter Air Canisters

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number:(If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
H_2SO_4	<2		
1664	<2		
Cyanide	>12		
Sulfide	>9		

Comments:

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
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Lab Number: 07-07-0708

Customer Number:	Page 1 of 1
Customer: LFR inc	Sampler: Rok
Address:	Project Name: Silver Croft
City, State, Zip:	Project Number: 01U-1002713 007
Contact: Sean Coury	P.O. Number:
Phone: 480-905-0311 Fax:	Fax Results: Y (N)
E-Mail Address: Sean.coury@hrcom	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No X
Total # of Containers: 5

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TPH 1015_GAS					
1	1279	6, (1), 0.4	VSP-4-071907-EFF	7-19-07	15:10	Air				X		X					
2	0262	6, (1), 0.4	VSP-3-071907-Midcarb		15:13												
3	1422	6, (1), 0.4	VSP-3-071907-MidcarbD		15:15												
4	0723	6, (1), 0.4	VSP-2-071907-Post OV		15:18												
		6, 1, 0.4	~~VSP-1-071907~~														
5	0001	6, (1), 0.4	VSP-1-071907-INF		1524	Air											
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
7/19/07	17:26	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0707356

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002213 007 Silvercroft
DATE RECEIVED:	07/20/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/30/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-071907-EFF	Modified TO-15	2.0 "Hg
02A	VSP-3-071907-Midcarb	Modified TO-15	3.0 "Hg
03A	VSP-3-071907-Midcarb D	Modified TO-15	3.0 "Hg
04A	VSP-2-071907-Postox	Modified TO-15	5.0 "Hg
05A	Lab Blank	Modified TO-15	NA
05B	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
06B	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA
07B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 07/30/07

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0707356

Four 6 Liter Summa Canister (100% Certified) samples were received on July 20, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

The Chain of Custody (COC) information for samples VSP-4-071907-EFF, VSP-3-071907-Midcarb, VSP-3-071907-Midcarb D and VSP-2-071907-Postox did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-071907-EFF

Lab ID#: 0707356-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Chloromethane	0.14	0.17	0.30	0.35
Ethanol	0.72	1.5	1.4	2.8
Acetone	0.72	4.4	1.7	10
2-Butanone (Methyl Ethyl Ketone)	0.14	0.73	0.42	2.1
Toluene	0.14	0.83	0.54	3.1
Ethyl Benzene	0.14	0.25	0.62	1.1
m,p-Xylene	0.14	0.94	0.62	4.1
o-Xylene	0.14	0.29	0.62	1.3
4-Ethyltoluene	0.14	0.39	0.71	1.9
1,2,4-Trimethylbenzene	0.14	0.17	0.71	0.82
TPH ref. to Gasoline (MW=100)	2.9	25	12	100

Client Sample ID: VSP-3-071907-Midcarb

Lab ID#: 0707356-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.74	8.7
Ethanol	0.74	1.1	1.4	2.1
Acetone	0.74	2.7	1.8	6.4
2-Butanone (Methyl Ethyl Ketone)	0.15	0.45	0.44	1.3
Toluene	0.15	0.55	0.56	2.1
m,p-Xylene	0.15	0.35	0.65	1.5
TPH ref. to Gasoline (MW=100)	3.0	21	12	85

Client Sample ID: VSP-3-071907-Midcarb D

Lab ID#: 0707356-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.2	0.74	5.9
Chloromethane	0.15	0.28	0.31	0.57
Acetone	0.74	3.7	1.8	8.8
Carbon Disulfide	0.74	1.0	2.3	3.2
2-Butanone (Methyl Ethyl Ketone)	0.15	0.41	0.44	1.2
Toluene	0.15	0.65	0.56	2.4
m,p-Xylene	0.15	0.37	0.65	1.6
4-Ethyltoluene	0.15	0.15	0.73	0.75

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-3-071907-Midcarb D

Lab ID#: 0707356-03A

TPH ref. to Gasoline (MW=100)	3.0	29	12	120

Client Sample ID: VSP-2-071907-Postox

Lab ID#: 0707356-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.25	1.4	1.2	7.1
Acetone	1.2	10	3.0	24
Carbon Disulfide	1.2	1.5	3.9	4.7
Methyl tert-butyl ether	0.25	0.30	0.90	1.1
2-Butanone (Methyl Ethyl Ketone)	0.25	0.41	0.74	1.2
Benzene	0.25	0.48	0.80	1.5
Toluene	0.25	0.37	0.94	1.4
TPH ref. to Gasoline (MW=100)	5.0	23	20	96

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-071907-EFF

Lab ID#: 0707356-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072421**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**7/24/07 11:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	Not Detected	0.71	Not Detected
Freon 114	0.14	Not Detected	1.0	Not Detected
Chloromethane	0.14	0.17	0.30	0.35
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
1,3-Butadiene	0.14	Not Detected	0.32	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	Not Detected	0.81	Not Detected
Ethanol	0.72	1.5	1.4	2.8
Freon 113	0.14	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Acetone	0.72	4.4	1.7	10
2-Propanol	0.72	Not Detected	1.8	Not Detected
Carbon Disulfide	0.72	Not Detected	2.2	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.52	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Hexane	0.14	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.73	0.42	2.1
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.14	Not Detected	0.70	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Cyclohexane	0.14	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.14	Not Detected	0.91	Not Detected
Benzene	0.14	Not Detected	0.46	Not Detected
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Heptane	0.14	Not Detected	0.59	Not Detected
Trichloroethene	0.14	Not Detected	0.77	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
1,4-Dioxane	0.14	Not Detected	0.52	Not Detected
Bromodichloromethane	0.14	Not Detected	0.96	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.59	Not Detected
Toluene	0.14	0.83	0.54	3.1
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	Not Detected	0.98	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-071907-EFF

Lab ID#: 0707356-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072421**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**7/24/07 11:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.72	Not Detected	2.9	Not Detected
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	0.25	0.62	1.1
m,p-Xylene	0.14	0.94	0.62	4.1
o-Xylene	0.14	0.29	0.62	1.3
Styrene	0.14	Not Detected	0.61	Not Detected
Bromoform	0.14	Not Detected	1.5	Not Detected
Cumene	0.14	Not Detected	0.71	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
Propylbenzene	0.14	Not Detected	0.71	Not Detected
4-Ethyltoluene	0.14	0.39	0.71	1.9
1,3,5-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,2,4-Trimethylbenzene	0.14	0.17	0.71	0.82
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
alpha-Chlorotoluene	0.14	Not Detected	0.74	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected
Hexachlorobutadiene	0.72	Not Detected	7.7	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	25	12	100

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-071907-Midcarb

Lab ID#: 0707356-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072422**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**7/25/07 12:10 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.74	8.7
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	1.1	1.4	2.1
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	2.7	1.8	6.4
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.45	0.44	1.3
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	Not Detected	0.48	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.55	0.56	2.1
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-071907-Midcarb

Lab ID#: 0707356-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072422**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**7/25/07 12:10 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.35	0.65	1.5
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.73	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	21	12	85

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-071907-Midcarb D

Lab ID#: 0707356-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072723**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**7/27/07 08:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.2	0.74	5.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.28	0.31	0.57
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	Not Detected	1.4	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	3.7	1.8	8.8
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	1.0	2.3	3.2
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.41	0.44	1.2
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	Not Detected	0.48	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.65	0.56	2.4
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-071907-Midcarb D

Lab ID#: 0707356-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072723**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**7/27/07 08:29 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.37	0.65	1.6
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	0.15	0.73	0.75
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	29	12	120

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	121	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-071907-Postox

Lab ID#: 0707356-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072727**	**Date of Collection: 7/19/07**	
Dil. Factor:	**2.50**	**Date of Analysis: 7/27/07 10:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.25	1.4	1.2	7.1
Freon 114	0.25	Not Detected	1.7	Not Detected
Chloromethane	0.25	Not Detected	0.52	Not Detected
Vinyl Chloride	0.25	Not Detected	0.64	Not Detected
1,3-Butadiene	0.25	Not Detected	0.55	Not Detected
Bromomethane	0.25	Not Detected	0.97	Not Detected
Chloroethane	0.25	Not Detected	0.66	Not Detected
Freon 11	0.25	Not Detected	1.4	Not Detected
Ethanol	1.2	Not Detected	2.4	Not Detected
Freon 113	0.25	Not Detected	1.9	Not Detected
1,1-Dichloroethene	0.25	Not Detected	0.99	Not Detected
Acetone	1.2	10	3.0	24
2-Propanol	1.2	Not Detected	3.1	Not Detected
Carbon Disulfide	1.2	1.5	3.9	4.7
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.25	0.30	0.90	1.1
trans-1,2-Dichloroethene	0.25	Not Detected	0.99	Not Detected
Hexane	0.25	Not Detected	0.88	Not Detected
1,1-Dichloroethane	0.25	Not Detected	1.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.25	0.41	0.74	1.2
cis-1,2-Dichloroethene	0.25	Not Detected	0.99	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.7	Not Detected
Chloroform	0.25	Not Detected	1.2	Not Detected
1,1,1-Trichloroethane	0.25	Not Detected	1.4	Not Detected
Cyclohexane	0.25	Not Detected	0.86	Not Detected
Carbon Tetrachloride	0.25	Not Detected	1.6	Not Detected
Benzene	0.25	0.48	0.80	1.5
1,2-Dichloroethane	0.25	Not Detected	1.0	Not Detected
Heptane	0.25	Not Detected	1.0	Not Detected
Trichloroethene	0.25	Not Detected	1.3	Not Detected
1,2-Dichloropropane	0.25	Not Detected	1.2	Not Detected
1,4-Dioxane	0.25	Not Detected	0.90	Not Detected
Bromodichloromethane	0.25	Not Detected	1.7	Not Detected
cis-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
4-Methyl-2-pentanone	0.25	Not Detected	1.0	Not Detected
Toluene	0.25	0.37	0.94	1.4
trans-1,3-Dichloropropene	0.25	Not Detected	1.1	Not Detected
1,1,2-Trichloroethane	0.25	Not Detected	1.4	Not Detected
Tetrachloroethene	0.25	Not Detected	1.7	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-071907-Postox

Lab ID#: 0707356-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072727**	**Date of Collection:**	**7/19/07**
Dil. Factor:	**2.50**	**Date of Analysis:**	**7/27/07 10:42 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	1.2	Not Detected	5.1	Not Detected
Dibromochloromethane	0.25	Not Detected	2.1	Not Detected
1,2-Dibromoethane (EDB)	0.25	Not Detected	1.9	Not Detected
Chlorobenzene	0.25	Not Detected	1.2	Not Detected
Ethyl Benzene	0.25	Not Detected	1.1	Not Detected
m,p-Xylene	0.25	Not Detected	1.1	Not Detected
o-Xylene	0.25	Not Detected	1.1	Not Detected
Styrene	0.25	Not Detected	1.1	Not Detected
Bromoform	0.25	Not Detected	2.6	Not Detected
Cumene	0.25	Not Detected	1.2	Not Detected
1,1,2,2-Tetrachloroethane	0.25	Not Detected	1.7	Not Detected
Propylbenzene	0.25	Not Detected	1.2	Not Detected
4-Ethyltoluene	0.25	Not Detected	1.2	Not Detected
1,3,5-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,2,4-Trimethylbenzene	0.25	Not Detected	1.2	Not Detected
1,3-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,4-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
alpha-Chlorotoluene	0.25	Not Detected	1.3	Not Detected
1,2-Dichlorobenzene	0.25	Not Detected	1.5	Not Detected
1,2,4-Trichlorobenzene	1.2	Not Detected	9.3	Not Detected
Hexachlorobutadiene	1.2	Not Detected	13	Not Detected
TPH ref. to Gasoline (MW=100)	5.0	23	20	96

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	109	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707356-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072420**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/24/07 10:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707356-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072420**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/24/07 10:06 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707356-05B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072722**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 07:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707356-05B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072722**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 07:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	2.0	8.2	8.2

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	117	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707356-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072413a**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/24/07 05:45 PM**

Compound	%Recovery
Freon 12	105
Freon 114	110
Chloromethane	101
Vinyl Chloride	104
1,3-Butadiene	102
Bromomethane	108
Chloroethane	103
Freon 11	108
Ethanol	101
Freon 113	106
1,1-Dichloroethene	110
Acetone	104
2-Propanol	103
Carbon Disulfide	108
Methylene Chloride	88
Methyl tert-butyl ether	116
trans-1,2-Dichloroethene	109
Hexane	107
1,1-Dichloroethane	105
2-Butanone (Methyl Ethyl Ketone)	107
cis-1,2-Dichloroethene	104
Tetrahydrofuran	107
Chloroform	105
1,1,1-Trichloroethane	106
Cyclohexane	107
Carbon Tetrachloride	119
Benzene	92
1,2-Dichloroethane	99
Heptane	102
Trichloroethene	101
1,2-Dichloropropane	100
1,4-Dioxane	96
Bromodichloromethane	103
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	102
Toluene	101
trans-1,3-Dichloropropene	104
1,1,2-Trichloroethane	102
Tetrachloroethene	104

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707356-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072413a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/24/07 05:45 PM**	

Compound	**%Recovery**
2-Hexanone	108
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	102
Chlorobenzene	98
Ethyl Benzene	101
m,p-Xylene	106
o-Xylene	103
Styrene	107
Bromoform	113
Cumene	109
1,1,2,2-Tetrachloroethane	103
Propylbenzene	109
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	107
1,3-Dichlorobenzene	103
1,4-Dichlorobenzene	103
alpha-Chlorotoluene	112
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	93
Hexachlorobutadiene	92
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707356-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072712**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 01:37 PM**	

Compound	**%Recovery**
Freon 12	94
Freon 114	99
Chloromethane	90
Vinyl Chloride	94
1,3-Butadiene	93
Bromomethane	99
Chloroethane	90
Freon 11	89
Ethanol	91
Freon 113	98
1,1-Dichloroethene	95
Acetone	88
2-Propanol	84
Carbon Disulfide	93
Methylene Chloride	95
Methyl tert-butyl ether	99
trans-1,2-Dichloroethene	96
Hexane	94
1,1-Dichloroethane	92
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	94
Tetrahydrofuran	91
Chloroform	93
1,1,1-Trichloroethane	97
Cyclohexane	96
Carbon Tetrachloride	103
Benzene	96
1,2-Dichloroethane	100
Heptane	105
Trichloroethene	103
1,2-Dichloropropane	100
1,4-Dioxane	110
Bromodichloromethane	105
cis-1,3-Dichloropropene	110
4-Methyl-2-pentanone	112
Toluene	103
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	102
Tetrachloroethene	103

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707356-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072712**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 01:37 PM**	

Compound	**%Recovery**
2-Hexanone	104
Dibromochloromethane	112
1,2-Dibromoethane (EDB)	110
Chlorobenzene	98
Ethyl Benzene	103
m,p-Xylene	108
o-Xylene	110
Styrene	114
Bromoform	122
Cumene	109
1,1,2,2-Tetrachloroethane	103
Propylbenzene	106
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	110
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	110
alpha-Chlorotoluene	117
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	114
Hexachlorobutadiene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707356-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072418**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/24/07 08:45 PM**	

Compound	**%Recovery**
Freon 12	100
Freon 114	97
Chloromethane	97
Vinyl Chloride	99
1,3-Butadiene	95
Bromomethane	105
Chloroethane	100
Freon 11	92
Ethanol	119
Freon 113	116
1,1-Dichloroethene	130
Acetone	140
2-Propanol	134
Carbon Disulfide	107
Methylene Chloride	137 Q
Methyl tert-butyl ether	95
trans-1,2-Dichloroethene	107
Hexane	107
1,1-Dichloroethane	106
2-Butanone (Methyl Ethyl Ketone)	110
cis-1,2-Dichloroethene	108
Tetrahydrofuran	112
Chloroform	110
1,1,1-Trichloroethane	106
Cyclohexane	103
Carbon Tetrachloride	109
Benzene	94
1,2-Dichloroethane	106
Heptane	106
Trichloroethene	105
1,2-Dichloropropane	104
1,4-Dioxane	104
Bromodichloromethane	103
cis-1,3-Dichloropropene	101
4-Methyl-2-pentanone	103
Toluene	108
trans-1,3-Dichloropropene	85
1,1,2-Trichloroethane	103
Tetrachloroethene	107

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707356-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**y072418**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/24/07 08:45 PM**	

Compound	**%Recovery**
2-Hexanone	106
Dibromochloromethane	105
1,2-Dibromoethane (EDB)	103
Chlorobenzene	99
Ethyl Benzene	102
m,p-Xylene	105
o-Xylene	102
Styrene	102
Bromoform	106
Cumene	106
1,1,2,2-Tetrachloroethane	98
Propylbenzene	107
4-Ethyltoluene	105
1,3,5-Trimethylbenzene	100
1,2,4-Trimethylbenzene	101
1,3-Dichlorobenzene	97
1,4-Dichlorobenzene	96
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	97
1,2,4-Trichlorobenzene	80
Hexachlorobutadiene	88
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707356-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072713**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 02:16 PM**	

Compound	**%Recovery**
Freon 12	95
Freon 114	96
Chloromethane	96
Vinyl Chloride	98
1,3-Butadiene	96
Bromomethane	99
Chloroethane	98
Freon 11	92
Ethanol	123
Freon 113	105
1,1-Dichloroethene	108
Acetone	102
2-Propanol	100
Carbon Disulfide	97
Methylene Chloride	108
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	100
Hexane	106
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	111
cis-1,2-Dichloroethene	100
Tetrahydrofuran	102
Chloroform	100
1,1,1-Trichloroethane	102
Cyclohexane	101
Carbon Tetrachloride	102
Benzene	101
1,2-Dichloroethane	110
Heptane	116
Trichloroethene	101
1,2-Dichloropropane	106
1,4-Dioxane	112
Bromodichloromethane	110
cis-1,3-Dichloropropene	114
4-Methyl-2-pentanone	125
Toluene	110
trans-1,3-Dichloropropene	114
1,1,2-Trichloroethane	105
Tetrachloroethene	103

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707356-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072713**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 02:16 PM**	

Compound	**%Recovery**
2-Hexanone	117
Dibromochloromethane	114
1,2-Dibromoethane (EDB)	110
Chlorobenzene	100
Ethyl Benzene	103
m,p-Xylene	109
o-Xylene	112
Styrene	117
Bromoform	120
Cumene	113
1,1,2,2-Tetrachloroethane	104
Propylbenzene	110
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	126
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.

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(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager Michael Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc Email Sean.carey@lfr.com
Address 14201 N 87th St. Suite 135 City Scottsdale State AZ Zip 85260
Phone 480-405-9311 Fax

Project Info:
P.O. #
Project # 014-1002213 007
Project Name Silvercroft

Turn Around Time:
☐ Normal
☒ Rush 24h TAT specify

Lab Use Only
Pressurized by: VAR
Date: 7/20/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-071907-EFF	33330	7-14-07	14:26	TO-15, TPH	27	0	2.0"Hg	5.0 psi
	~~VSP-4~~								
02A	VSP-3-071907-MidCarb	33916		14:21		27.5	0	3.0"Hg	5.0 psi
03A	VSP-3-071907-MidCarbD	25268		14:40		27.5	0	3.0"Hg	
04A	VSP-2-071907-PostOX	34279		14:49		27.5		5.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	7-19-07 1600	Monica Gregson ATL	7/20/07 845
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8620 7893 2383	N/A	Good	Yes No None	0707356

Form 1293 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Friday, July 27, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: KMEP/Silvercroft/014-10022-13

Order No.: 07070788

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 7/24/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/014-10022-13
Lab Order: 07070788

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.
L1 The associated blank spike recovery was above laboratory acceptance limits.
V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

Aerotech Environmental Laboratories

Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/014-10022-13
Lab Order: 07070788

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07070788-01A	VSP-4-EFF-072307	1429	7/23/2007 1:30:00 PM	7/24/2007
07070788-02A	VSP-3-MIDCAR-072307	1287	7/23/2007 1:35:00 PM	7/24/2007
07070788-03A	VSP-3D-MIDCAR-072307	1423	7/23/2007 1:37:00 PM	7/24/2007
07070788-04A	VSP-2-POSTOX-072307	0653	7/23/2007 1:45:00 PM	7/24/2007
07070788-05A	VSP-1-INF-072307	0314	7/23/2007 2:00:00 PM	7/24/2007

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-EFF-072307
Lab Order:	07070788	**Tag Number:**	1429
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:30:00 PM
Lab ID:	07070788-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/24/2007
1,2,4-Trimethylbenzene	3.5	0.50		ppbv	1	7/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/24/2007
1,3,5-Trimethylbenzene	0.94	0.50		ppbv	1	7/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
2,2,4-Trimethylpentane	1.8	0.50		ppbv	1	7/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/24/2007
4-Ethyltoluene	2.4	0.50		ppbv	1	7/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/24/2007
Acetone	< 5.0	5.0		ppbv	1	7/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Benzene	0.95	0.50		ppbv	1	7/24/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	7/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/24/2007
Bromoform	< 0.50	0.50		ppbv	1	7/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/24/2007
Chloroform	< 0.50	0.50		ppbv	1	7/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-EFF-072307
Lab Order:	07070788	**Tag Number:**	1429
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:30:00 PM
Lab ID:	07070788-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	0.59	0.50		ppbv	1	7/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Dichlorodifluoromethane(F-12)	0.65	0.50		ppbv	1	7/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/24/2007
Ethylbenzene	2.3	0.50		ppbv	1	7/24/2007
Heptane	0.64	0.50		ppbv	1	7/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/24/2007
Hexane	0.53	0.50		ppbv	1	7/24/2007
m&p-Xylene	7.6	1.0		ppbv	1	7/24/2007
Methyl tert-butyl ether	1.4	1.0		ppbv	1	7/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/24/2007
o-Xylene	3.6	0.50		ppbv	1	7/24/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/24/2007
Styrene	0.64	0.50		ppbv	1	7/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/24/2007
Toluene	9.0	0.50		ppbv	1	7/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Surr: 4-Bromofluorobenzene	97.9	70-130		%REC	1	7/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/25/2007
Surr: 4-Bromofluorobenzene	85.9	70-130		%REC	1	7/25/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-MIDCAR-072307
Lab Order:	07070788	**Tag Number:**	1287
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:35:00 PM
Lab ID:	07070788-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/24/2007
1,2,4-Trimethylbenzene	3.8	0.50		ppbv	1	7/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/24/2007
1,3,5-Trimethylbenzene	0.96	0.50		ppbv	1	7/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
2,2,4-Trimethylpentane	1.5	0.50		ppbv	1	7/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/24/2007
4-Ethyltoluene	2.6	0.50		ppbv	1	7/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/24/2007
Acetone	< 5.0	5.0		ppbv	1	7/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Benzene	0.79	0.50		ppbv	1	7/24/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	7/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/24/2007
Bromoform	< 0.50	0.50		ppbv	1	7/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/24/2007
Chloroform	1.1	0.50		ppbv	1	7/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-MIDCAR-072307
Lab Order:	07070788	**Tag Number:**	1287
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:35:00 PM
Lab ID:	07070788-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Dichlorodifluoromethane(F-12)	0.74	0.50		ppbv	1	7/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/24/2007
Ethylbenzene	1.9	0.50		ppbv	1	7/24/2007
Heptane	0.65	0.50		ppbv	1	7/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/24/2007
Hexane	< 0.50	0.50		ppbv	1	7/24/2007
m&p-Xylene	7.2	1.0		ppbv	1	7/24/2007
Methyl tert-butyl ether	1.1	1.0		ppbv	1	7/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/24/2007
o-Xylene	3.5	0.50		ppbv	1	7/24/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/24/2007
Styrene	0.78	0.50		ppbv	1	7/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/24/2007
Toluene	6.1	0.50		ppbv	1	7/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Surr: 4-Bromofluorobenzene	85.1	70-130		%REC	1	7/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/25/2007
Surr: 4-Bromofluorobenzene	78.4	70-130		%REC	1	7/25/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3D-MIDCAR-072307
Lab Order:	07070788	**Tag Number:**	1423
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:37:00 PM
Lab ID:	07070788-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/24/2007
1,2,4-Trimethylbenzene	1.9	0.50		ppbv	1	7/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/24/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
2,2,4-Trimethylpentane	0.71	0.50		ppbv	1	7/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/24/2007
4-Ethyltoluene	1.3	0.50		ppbv	1	7/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/24/2007
Acetone	< 5.0	5.0		ppbv	1	7/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Benzene	< 0.50	0.50		ppbv	1	7/24/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	7/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/24/2007
Bromoform	< 0.50	0.50		ppbv	1	7/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/24/2007
Chloroform	< 0.50	0.50		ppbv	1	7/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3D-MIDCAR-072307
Lab Order:	07070788	**Tag Number:**	1423
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:37:00 PM
Lab ID:	07070788-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	7/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Dichlorodifluoromethane(F-12)	0.77	0.50		ppbv	1	7/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/24/2007
Ethylbenzene	1.1	0.50		ppbv	1	7/24/2007
Heptane	< 0.50	0.50		ppbv	1	7/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/24/2007
Hexane	< 0.50	0.50		ppbv	1	7/24/2007
m&p-Xylene	3.7	1.0		ppbv	1	7/24/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	7/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/24/2007
o-Xylene	1.7	0.50		ppbv	1	7/24/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/24/2007
Styrene	0.50	0.50		ppbv	1	7/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/24/2007
Toluene	3.7	0.50		ppbv	1	7/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Surr: 4-Bromofluorobenzene	81.2	70-130		%REC	1	7/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/25/2007
Surr: 4-Bromofluorobenzene	77.4	70-130		%REC	1	7/25/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-POSTOX-072307
Lab Order:	07070788	**Tag Number:**	0653
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:45:00 PM
Lab ID:	07070788-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	7/24/2007
1,2,4-Trimethylbenzene	3.3	0.50		ppbv	1	7/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	7/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	7/24/2007
1,3,5-Trimethylbenzene	0.86	0.50		ppbv	1	7/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	7/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
2,2,4-Trimethylpentane	1.9	0.50		ppbv	1	7/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	7/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	7/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	7/24/2007
4-Ethyltoluene	2.1	0.50		ppbv	1	7/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	7/24/2007
Acetone	8.7	5.0		ppbv	1	7/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Benzene	1.1	0.50		ppbv	1	7/24/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	7/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	7/24/2007
Bromoform	< 0.50	0.50		ppbv	1	7/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	7/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	7/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	7/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	7/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	7/24/2007
Chloroform	< 0.50	0.50		ppbv	1	7/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-POSTOX-072307
Lab Order:	07070788	**Tag Number:**	0653
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 1:45:00 PM
Lab ID:	07070788-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	0.70	0.50		ppbv	1	7/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	7/24/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	7/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	7/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	7/24/2007
Ethylbenzene	1.6	0.50		ppbv	1	7/24/2007
Heptane	1.0	0.50		ppbv	1	7/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	7/24/2007
Hexane	0.77	0.50		ppbv	1	7/24/2007
m&p-Xylene	5.7	1.0		ppbv	1	7/24/2007
Methyl tert-butyl ether	1.7	1.0		ppbv	1	7/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	7/24/2007
o-Xylene	2.8	0.50		ppbv	1	7/24/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	7/24/2007
Styrene	0.58	0.50		ppbv	1	7/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	7/24/2007
Toluene	6.7	0.50		ppbv	1	7/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	7/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	7/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	7/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	7/24/2007
Surr: 4-Bromofluorobenzene	97.7	70-130		%REC	1	7/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	7/25/2007
Surr: 4-Bromofluorobenzene	81.1	70-130		%REC	1	7/25/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-INF-072307
Lab Order:	07070788	**Tag Number:**	0314
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 2:00:00 PM
Lab ID:	07070788-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 120000	120000		ppbv	250000	7/24/2007
1,1,2,2-Tetrachloroethane	< 120000	120000		ppbv	250000	7/24/2007
1,1,2-Trichloroethane	< 120000	120000		ppbv	250000	7/24/2007
1,1-Dichloroethane	< 120000	120000		ppbv	250000	7/24/2007
1,1-Dichloroethene	< 120000	120000		ppbv	250000	7/24/2007
1,2,4-Trichlorobenzene	< 500000	500000		ppbv	250000	7/24/2007
1,2,4-Trimethylbenzene	< 120000	120000		ppbv	250000	7/24/2007
1,2-Dibromoethane	< 120000	120000		ppbv	250000	7/24/2007
1,2-Dichlorobenzene	< 120000	120000		ppbv	250000	7/24/2007
1,2-Dichloroethane	< 120000	120000		ppbv	250000	7/24/2007
1,2-Dichloropropane	< 120000	120000		ppbv	250000	7/24/2007
1,3,5-Trimethylbenzene	< 120000	120000		ppbv	250000	7/24/2007
1,3-Butadiene	< 120000	120000		ppbv	250000	7/24/2007
1,3-Dichlorobenzene	< 120000	120000		ppbv	250000	7/24/2007
1,4-Dichlorobenzene	< 120000	120000		ppbv	250000	7/24/2007
2,2,4-Trimethylpentane	5200000	120000	D2	ppbv	250000	7/24/2007
2-Butanone (MEK)	< 250000	250000		ppbv	250000	7/24/2007
2-Hexanone	< 250000	250000		ppbv	250000	7/24/2007
2-Propanol	< 500000	500000		ppbv	250000	7/24/2007
4-Ethyltoluene	< 120000	120000		ppbv	250000	7/24/2007
4-Methyl-2-pentanone	< 250000	250000		ppbv	250000	7/24/2007
Acetone	< 1200000	1200000		ppbv	250000	7/24/2007
Allyl chloride	< 120000	120000		ppbv	250000	7/24/2007
Benzene	1400000	120000	D2	ppbv	250000	7/24/2007
Benzyl chloride	< 500000	500000	L1V1	ppbv	250000	7/24/2007
Bromodichloromethane	< 120000	120000		ppbv	250000	7/24/2007
Bromoethene(Vinyl Bromide)	< 120000	120000		ppbv	250000	7/24/2007
Bromoform	< 120000	120000		ppbv	250000	7/24/2007
Bromomethane	< 120000	120000		ppbv	250000	7/24/2007
Carbon disulfide	< 120000	120000		ppbv	250000	7/24/2007
Carbon tetrachloride	< 120000	120000		ppbv	250000	7/24/2007
Chlorobenzene	< 120000	120000		ppbv	250000	7/24/2007
Chloroethane	< 120000	120000		ppbv	250000	7/24/2007
Chloroform	< 120000	120000		ppbv	250000	7/24/2007
Chloromethane	< 120000	120000		ppbv	250000	7/24/2007
cis-1,2-Dichloroethene	< 120000	120000		ppbv	250000	7/24/2007
cis-1,3-Dichloropropene	< 120000	120000		ppbv	250000	7/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Jul-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-INF-072307
Lab Order:	07070788	**Tag Number:**	0314
Project:	KMEP/Silvercroft/014-10022-13	**Collection Date:**	7/23/2007 2:00:00 PM
Lab ID:	07070788-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	1700000	120000	D2	ppbv	250000	7/24/2007
Dibromochloromethane	< 120000	120000		ppbv	250000	7/24/2007
Dichlorodifluoromethane(F-12)	< 120000	120000		ppbv	250000	7/24/2007
Dichlorotetrafluoroethane(F-114)	< 120000	120000		ppbv	250000	7/24/2007
Ethyl Acetate	< 120000	120000		ppbv	250000	7/24/2007
Ethylbenzene	140000	120000	D2	ppbv	250000	7/24/2007
Heptane	1200000	120000	D2	ppbv	250000	7/24/2007
Hexachlorobutadiene	< 250000	250000		ppbv	250000	7/24/2007
Hexane	2200000	120000	D2	ppbv	250000	7/24/2007
m&p-Xylene	< 250000	250000		ppbv	250000	7/24/2007
Methyl tert-butyl ether	6600000	250000	D2	ppbv	250000	7/24/2007
Methylene chloride	< 120000	120000		ppbv	250000	7/24/2007
o-Xylene	< 120000	120000		ppbv	250000	7/24/2007
Propene (Propylene)	< 120000	120000		ppbv	250000	7/24/2007
Styrene	< 120000	120000		ppbv	250000	7/24/2007
Tetrachloroethene	< 120000	120000		ppbv	250000	7/24/2007
Tetrahydrofuran	< 500000	500000		ppbv	250000	7/24/2007
Toluene	2700000	120000	D2	ppbv	250000	7/24/2007
trans-1,2-Dichloroethene	< 120000	120000		ppbv	250000	7/24/2007
trans-1,3-Dichloropropene	< 120000	120000		ppbv	250000	7/24/2007
Trichloroethene	< 120000	120000		ppbv	250000	7/24/2007
Trichlorofluoromethane(F-11)	< 120000	120000		ppbv	250000	7/24/2007
Trichlorotrifluoroethane(F-113)	< 120000	120000		ppbv	250000	7/24/2007
Vinyl acetate	< 120000	120000		ppbv	250000	7/24/2007
Vinyl chloride	< 120000	120000		ppbv	250000	7/24/2007
Surr: 4-Bromofluorobenzene	90.2	70-130		%REC	250000	7/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	460000000	100000000	D2	µg/m³	200000	7/25/2007
Surr: 4-Bromofluorobenzene	86.1	70-130		%REC	200000	7/25/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

27-Jul-07

Lab Order: 07070788
Client: LFR - Levine Fricke
Project: KMEP/Silvercroft/014-10022-13

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07070788-01A	VSP-4-EFF-072307	7/23/2007 1:30:00 PM	Air	Gasoline Hydrocarbons in Air			7/25/2007
				Volatile Organics in Air			7/24/2007
07070788-02A	VSP-3-MIDCAR-072307	7/23/2007 1:35:00 PM		Gasoline Hydrocarbons in Air			7/25/2007
				Volatile Organics in Air			7/24/2007
07070788-03A	VSP-3D-MIDCAR-072307	7/23/2007 1:37:00 PM		Gasoline Hydrocarbons in Air			7/25/2007
				Volatile Organics in Air			7/24/2007
07070788-04A	VSP-2-POSTOX-072307	7/23/2007 1:45:00 PM		Gasoline Hydrocarbons in Air			7/25/2007
				Volatile Organics in Air			7/24/2007
07070788-05A	VSP-1-INF-072307	7/23/2007 2:00:00 PM		Gasoline Hydrocarbons in Air			7/25/2007
				Volatile Organics in Air			7/24/2007

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Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89416** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									V1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89416** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R89416** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.940	0.50	10	0	99.4	70	130				

Sample ID: **LCS-R89416** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.93	0.50	10	0	109	65	135				
1,1,2,2-Tetrachloroethane	11.31	0.50	10	0	113	65	135				
1,1,2-Trichloroethane	10.94	0.50	10	0	109	65	135				
1,1-Dichloroethane	11.39	0.50	10	0	114	65	135				
1,1-Dichloroethene	10.69	0.50	10	0	107	65	135				
1,2,4-Trichlorobenzene	10.89	2.0	10	0	109	65	135				
1,2,4-Trimethylbenzene	11.61	0.50	10	0	116	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89416** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	10.97	0.50	10	0	110	65	135				
1,2-Dichlorobenzene	11.03	0.50	10	0	110	65	135				
1,2-Dichloroethane	11.49	0.50	10	0	115	65	135				
1,2-Dichloropropane	11.35	0.50	10	0	114	65	135				
1,3,5-Trimethylbenzene	11.57	0.50	10	0	116	65	135				
1,3-Butadiene	12.03	0.50	10	0	120	65	135				
1,3-Dichlorobenzene	11.20	0.50	10	0	112	65	135				
1,4-Dichlorobenzene	11.11	0.50	10	0	111	65	135				
2,2,4-Trimethylpentane	11.74	0.50	10	0	117	65	135				
2-Butanone (MEK)	11.67	1.0	10	0	117	65	135				
2-Hexanone	11.64	1.0	10	0	116	65	135				
2-Propanol	12.28	2.0	10	0	123	65	135				
4-Ethyltoluene	11.67	0.50	10	0	117	65	135				
4-Methyl-2-pentanone	11.93	1.0	10	0	119	65	135				
Acetone	11.33	5.0	10	0	113	65	135				
Allyl chloride	11.30	0.50	10	0	113	65	135				
Benzene	11.18	0.50	10	0	112	65	135				
Benzyl chloride	12.48	2.0	10	0	125	65	135				
Bromodichloromethane	11.48	0.50	10	0	115	65	135				
Bromoethene(Vinyl Bromide)	12.28	0.50	10	0	123	65	135				
Bromoform	11.78	0.50	10	0	118	65	135				
Bromomethane	11.65	0.50	10	0	116	65	135				
Carbon disulfide	11.29	0.50	10	0	113	65	135				
Carbon tetrachloride	11.40	0.50	10	0	114	65	135				
Chlorobenzene	11.29	0.50	10	0	113	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89416** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	12.08	0.50	10	0	121	65	135				
Chloroform	10.86	0.50	10	0	109	65	135				
Chloromethane	11.81	0.50	10	0	118	65	135				
cis-1,2-Dichloroethene	11.09	0.50	10	0	111	65	135				
cis-1,3-Dichloropropene	11.45	0.50	10	0	114	65	135				
Cyclohexane	11.72	0.50	10	0	117	65	135				
Dibromochloromethane	11.36	0.50	10	0	114	65	135				
Dichlorodifluoromethane(F-12)	11.00	0.50	10	0	110	65	135				
Dichlorotetrafluoroethane(F-114)	11.46	0.50	10	0	115	65	135				
Ethyl Acetate	12.31	0.50	10	0	123	65	135				
Ethylbenzene	11.45	0.50	10	0	114	65	135				
Heptane	11.87	0.50	10	0	119	65	135				
Hexachlorobutadiene	10.52	1.0	10	0	105	65	135				
Hexane	11.98	0.50	10	0	120	65	135				
m&p-Xylene	23.00	1.0	20	0	115	65	135				
Methyl tert-butyl ether	10.88	1.0	10	0	109	65	135				
Methylene chloride	11.34	0.50	10	0	113	65	135				
o-Xylene	11.49	0.50	10	0	115	65	135				
Propene (Propylene)	11.44	0.50	10	0	114	65	135				
Styrene	11.42	0.50	10	0	114	65	135				
Tetrachloroethene	10.28	0.50	10	0	103	65	135				
Tetrahydrofuran	11.99	2.0	10	0	120	65	135				
Toluene	11.16	0.50	10	0	112	65	135				
trans-1,2-Dichloroethene	11.10	0.50	10	0	111	65	135				
trans-1,3-Dichloropropene	11.73	0.50	10	0	117	65	135				

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Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R89416** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/24/2007** SeqNo: **1058163**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	10.45	0.50	10	0	104	65	135				
Trichlorofluoromethane(F-11)	11.80	0.50	10	0	118	65	135				
Trichlorotrifluoroethane(F-113)	11.20	0.50	10	0	112	65	135				
Vinyl acetate	12.96	0.50	10	0	130	65	135				
Vinyl chloride	11.61	0.50	10	0	116	65	135				
Surr: 4-Bromofluorobenzene	9.930	0.50	10	0	99.3	70	130				

Sample ID: **LCSD-R89416** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/25/2007** SeqNo: **1058164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.21	0.50	10	0	112	65	135	10.93	2.53	25	
1,1,2,2-Tetrachloroethane	11.43	0.50	10	0	114	65	135	11.31	1.06	25	
1,1,2-Trichloroethane	11.14	0.50	10	0	111	65	135	10.94	1.81	25	
1,1-Dichloroethane	11.56	0.50	10	0	116	65	135	11.39	1.48	25	
1,1-Dichloroethene	10.77	0.50	10	0	108	65	135	10.69	0.746	25	
1,2,4-Trichlorobenzene	11.71	2.0	10	0	117	65	135	10.89	7.26	25	
1,2,4-Trimethylbenzene	11.70	0.50	10	0	117	65	135	11.61	0.772	25	
1,2-Dibromoethane	11.27	0.50	10	0	113	65	135	10.97	2.70	25	
1,2-Dichlorobenzene	11.24	0.50	10	0	112	65	135	11.03	1.89	25	
1,2-Dichloroethane	11.54	0.50	10	0	115	65	135	11.49	0.434	25	
1,2-Dichloropropane	11.55	0.50	10	0	116	65	135	11.35	1.75	25	
1,3,5-Trimethylbenzene	11.65	0.50	10	0	116	65	135	11.57	0.689	25	
1,3-Butadiene	12.02	0.50	10	0	120	65	135	12.03	0.0832	25	
1,3-Dichlorobenzene	11.38	0.50	10	0	114	65	135	11.20	1.59	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *27-Jul-07*

CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R89416** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/25/2007** SeqNo: **1058164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	11.32	0.50	10	0	113	65	135	11.11	1.87	25	
2,2,4-Trimethylpentane	11.85	0.50	10	0	118	65	135	11.74	0.933	25	
2-Butanone (MEK)	11.90	1.0	10	0	119	65	135	11.67	1.95	25	
2-Hexanone	12.35	1.0	10	0	124	65	135	11.64	5.92	25	
2-Propanol	12.90	2.0	10	0	129	65	135	12.28	4.92	25	
4-Ethyltoluene	11.74	0.50	10	0	117	65	135	11.67	0.598	25	
4-Methyl-2-pentanone	12.17	1.0	10	0	122	65	135	11.93	1.99	25	
Acetone	11.44	5.0	10	0	114	65	135	11.33	0.966	25	
Allyl chloride	11.68	0.50	10	0	117	65	135	11.30	3.31	25	
Benzene	11.31	0.50	10	0	113	65	135	11.18	1.16	25	
Benzyl chloride	15.35	2.0	10	0	154	65	135	12.48	20.6	25	L1
Bromodichloromethane	11.61	0.50	10	0	116	65	135	11.48	1.13	25	
Bromoethene(Vinyl Bromide)	12.37	0.50	10	0	124	65	135	12.28	0.730	25	
Bromoform	12.04	0.50	10	0	120	65	135	11.78	2.18	25	
Bromomethane	11.84	0.50	10	0	118	65	135	11.65	1.62	25	
Carbon disulfide	11.44	0.50	10	0	114	65	135	11.29	1.32	25	
Carbon tetrachloride	11.73	0.50	10	0	117	65	135	11.40	2.85	25	
Chlorobenzene	11.44	0.50	10	0	114	65	135	11.29	1.32	25	
Chloroethane	12.14	0.50	10	0	121	65	135	12.08	0.495	25	
Chloroform	10.89	0.50	10	0	109	65	135	10.86	0.276	25	
Chloromethane	12.02	0.50	10	0	120	65	135	11.81	1.76	25	
cis-1,2-Dichloroethene	11.23	0.50	10	0	112	65	135	11.09	1.25	25	
cis-1,3-Dichloropropene	11.84	0.50	10	0	118	65	135	11.45	3.35	25	
Cyclohexane	11.69	0.50	10	0	117	65	135	11.72	0.256	25	
Dibromochloromethane	11.59	0.50	10	0	116	65	135	11.36	2.00	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Work Order: 07070788
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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R89416** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **89416**
Client ID: Batch ID: **R89416** TestNo: **TO15** Analysis Date: **7/25/2007** SeqNo: **1058164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	11.16	0.50	10	0	112	65	135	11.00	1.44	25	
Dichlorotetrafluoroethane(F-114)	11.67	0.50	10	0	117	65	135	11.46	1.82	25	
Ethyl Acetate	12.36	0.50	10	0	124	65	135	12.31	0.405	25	
Ethylbenzene	11.57	0.50	10	0	116	65	135	11.45	1.04	25	
Heptane	11.85	0.50	10	0	118	65	135	11.87	0.169	25	
Hexachlorobutadiene	11.47	1.0	10	0	115	65	135	10.52	8.64	25	
Hexane	12.11	0.50	10	0	121	65	135	11.98	1.08	25	
m&p-Xylene	23.27	1.0	20	0	116	65	135	23.00	1.17	25	
Methyl tert-butyl ether	11.79	1.0	10	0	118	65	135	10.88	8.03	25	
Methylene chloride	11.34	0.50	10	0	113	65	135	11.34	0	25	
o-Xylene	11.57	0.50	10	0	116	65	135	11.49	0.694	25	
Propene (Propylene)	11.64	0.50	10	0	116	65	135	11.44	1.73	25	
Styrene	11.61	0.50	10	0	116	65	135	11.42	1.65	25	
Tetrachloroethene	10.45	0.50	10	0	104	65	135	10.28	1.64	25	
Tetrahydrofuran	12.07	2.0	10	0	121	65	135	11.99	0.665	25	
Toluene	11.24	0.50	10	0	112	65	135	11.16	0.714	25	
trans-1,2-Dichloroethene	11.36	0.50	10	0	114	65	135	11.10	2.32	25	
trans-1,3-Dichloropropene	12.42	0.50	10	0	124	65	135	11.73	5.71	25	
Trichloroethene	10.60	0.50	10	0	106	65	135	10.45	1.43	25	
Trichlorofluoromethane(F-11)	11.98	0.50	10	0	120	65	135	11.80	1.51	25	
Trichlorotrifluoroethane(F-113)	11.36	0.50	10	0	114	65	135	11.20	1.42	25	
Vinyl acetate	13.39	0.50	10	0	134	65	135	12.96	3.26	25	
Vinyl chloride	11.76	0.50	10	0	118	65	135	11.61	1.28	25	
Surr: 4-Bromofluorobenzene	9.870	0.50	10	0	98.7	70	130	9.930	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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CLIENT: LFR - Levine Fricke
Work Order: 07070788
Project: KMEP/Silvercroft/014-10022-13

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R89422** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89422**
Client ID: Batch ID: **R89422** TestNo: **TO15Modifie** Analysis Date: **7/25/2007** SeqNo: **1058281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	63.24	0	72.3	0	87.5	70	130				

Sample ID: **LCS-R89422** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89422**
Client ID: Batch ID: **R89422** TestNo: **TO15Modifie** Analysis Date: **7/25/2007** SeqNo: **1058447**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	1927	500	2500	0	77.1	60	140				
Surr: 4-Bromofluorobenzene	64.94	0	72.3	0	89.8	70	130				

Sample ID: **LCSD-R89422** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **89422**
Client ID: Batch ID: **R89422** TestNo: **TO15Modifie** Analysis Date: **7/25/2007** SeqNo: **1058448**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2303	500	2500	0	92.1	60	140	1927	17.7	35	
Surr: 4-Bromofluorobenzene	66.63	0	72.3	0	92.2	70	130	64.94	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By: [illegible] 7/24/07

Laboratory Number: 07070788	Completed By/On: [illegible] 7/24/07
Client Name: LFR	Date/Time Rec'd: 7/24/07 0945 By: PF
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer (IR)	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5 IH sample media: 1L Canister

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A X

If pH requires adjustment, list sample number and reagent I.D. number.

Preservative & pH		pH of samples upon receipt
Metals	<2	
H_2SO_4	<2	
1664	<2	
Cyanide	>12	
Sulfide	>9	

Comments:

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07070788

Customer Number:	Page 1 of 1
Customer: LFR	Sampler: Sean
Address: 14201 N 87th St Suite 135	Project Name: KMEP/S. Lincroft
City, State, Zip: Scottsdale, AZ 85260	Project Number: 014-10022-13
Contact: Sean Couch	P.O. Number:
Phone: 480-905 9311 Fax:	Fax Results: Y (N)
E-Mail Address:	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No NA
Total # of Containers: 5

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TPH					
1	1429	6, (1) 0.4	VSP-4-EFF-072307	7/23/07	1330					X		X					
2	1287	6, (1) 0.4	VSP-3-MIDCAR-072307		1335												
3	1423	6, (1) 0.4	VSP-30-MIDCAR-072307		1337												
4	0653	6, (1) 0.4	VSP-2-POSTOX-072307		1345												
5	0314	6, (1) 0.4	VSP-1-INF-072307		1400												
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
7/24/07	915	Sean	[illegible]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0707401

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014/0022 13 007 KMEP/Silvercroft
DATE RECEIVED:	07/24/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	07/30/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-EFF-072307	Modified TO-15	2.5 "Hg
02A	VSP-3-MIDCAR-072307	Modified TO-15	2.0 "Hg
03A	VSP-3D-MIDCAR-072307	Modified TO-15	4.0 "Hg
04A	VSP-2-POSTOX-072307	Modified TO-15	2.0 "Hg
05A	Lab Blank	Modified TO-15	NA
05B	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
06B	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA
07B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 07/30/07

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0707401

Four 6 Liter Summa Canister (100% Certified) samples were received on July 24, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-EFF-072307

Lab ID#: 0707401-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.70	0.72	3.4
Chloromethane	0.15	0.37	0.30	0.76
Acetone	0.73	3.2	1.7	7.5
2-Butanone (Methyl Ethyl Ketone)	0.15	0.32	0.43	0.96
Toluene	0.15	0.65	0.55	2.5
Tetrachloroethene	0.15	1.4	0.99	9.8
m,p-Xylene	0.15	0.38	0.63	1.6
4-Ethyltoluene	0.15	0.17	0.72	0.83
TPH ref. to Gasoline (MW=100)	2.9	11	12	45

Client Sample ID: VSP-3-MIDCAR-072307

Lab ID#: 0707401-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	1.5	0.71	7.5
Ethanol	0.72	0.91	1.4	1.7
Acetone	0.72	6.6	1.7	16
2-Butanone (Methyl Ethyl Ketone)	0.14	0.99	0.42	2.9
Toluene	0.14	0.49	0.54	1.8
m,p-Xylene	0.14	0.24	0.62	1.0
TPH ref. to Gasoline (MW=100)	2.9	10	12	41

Client Sample ID: VSP-3D-MIDCAR-072307

Lab ID#: 0707401-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.95	0.77	4.7
Chloromethane	0.16	0.51	0.32	1.0
Freon 11	0.16	0.18	0.87	1.0
Ethanol	0.78	2.1	1.5	3.9
Acetone	0.78	21	1.8	50
2-Propanol	0.78	0.93	1.9	2.3
Methyl tert-butyl ether	0.16	28	0.56	100
Hexane	0.16	7.9	0.55	28
2-Butanone (Methyl Ethyl Ketone)	0.16	3.3	0.46	9.7
Tetrahydrofuran	0.78	0.88	2.3	2.6

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-3D-MIDCAR-072307

Lab ID#: 0707401-03A

Cyclohexane	0.16	4.2	0.53	14
Benzene	0.16	5.9	0.50	19
Heptane	0.16	3.6	0.64	15
4-Methyl-2-pentanone	0.16	0.26	0.63	1.0
Toluene	0.16	15	0.58	57
Ethyl Benzene	0.16	1.2	0.67	5.0
m,p-Xylene	0.16	3.6	0.67	16
o-Xylene	0.16	1.0	0.67	4.4
Styrene	0.16	0.22	0.66	0.96
Cumene	0.16	0.29	0.76	1.4
4-Ethyltoluene	0.16	0.51	0.76	2.5
1,2,4-Trimethylbenzene	0.16	0.50	0.76	2.5
TPH ref. to Gasoline (MW=100)	3.1	160	13	650

Client Sample ID: VSP-2-POSTOX-072307

Lab ID#: 0707401-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.90	0.71	4.5
Freon 114	0.14	0.17	1.0	1.2
Acetone	0.72	2.8	1.7	6.7
Carbon Disulfide	0.72	1.9	2.2	5.9
2-Butanone (Methyl Ethyl Ketone)	0.14	0.33	0.42	0.96
Benzene	0.14	0.24	0.46	0.78
Toluene	0.14	0.21	0.54	0.80
1,4-Dichlorobenzene	0.14	0.17	0.86	1.0
TPH ref. to Gasoline (MW=100)	2.9	11	12	45

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Client Sample ID: VSP-4-EFF-072307

Lab ID#: 0707401-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072725**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**7/27/07 09:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.70	0.72	3.4
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.37	0.30	0.76
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	Not Detected	1.4	Not Detected
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	3.2	1.7	7.5
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.32	0.43	0.96
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	Not Detected	0.47	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.65	0.55	2.5
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	1.4	0.99	9.8

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-EFF-072307

Lab ID#: 0707401-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072725**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**7/27/07 09:39 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	Not Detected	0.63	Not Detected
m,p-Xylene	0.15	0.38	0.63	1.6
o-Xylene	0.15	Not Detected	0.63	Not Detected
Styrene	0.15	Not Detected	0.62	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.72	Not Detected
4-Ethyltoluene	0.15	0.17	0.72	0.83
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	11	12	45

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	117	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-MIDCAR-072307

Lab ID#: 0707401-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072812**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**7/28/07 08:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	1.5	0.71	7.5
Freon 114	0.14	Not Detected	1.0	Not Detected
Chloromethane	0.14	Not Detected	0.30	Not Detected
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
1,3-Butadiene	0.14	Not Detected	0.32	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	Not Detected	0.81	Not Detected
Ethanol	0.72	0.91	1.4	1.7
Freon 113	0.14	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Acetone	0.72	6.6	1.7	16
2-Propanol	0.72	Not Detected	1.8	Not Detected
Carbon Disulfide	0.72	Not Detected	2.2	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.52	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Hexane	0.14	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.99	0.42	2.9
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.14	Not Detected	0.70	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Cyclohexane	0.14	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.14	Not Detected	0.91	Not Detected
Benzene	0.14	Not Detected	0.46	Not Detected
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Heptane	0.14	Not Detected	0.59	Not Detected
Trichloroethene	0.14	Not Detected	0.77	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
1,4-Dioxane	0.14	Not Detected	0.52	Not Detected
Bromodichloromethane	0.14	Not Detected	0.96	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.59	Not Detected
Toluene	0.14	0.49	0.54	1.8
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	Not Detected	0.98	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-MIDCAR-072307

Lab ID#: 0707401-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072812**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**7/28/07 08:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.72	Not Detected	2.9	Not Detected
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	Not Detected	0.62	Not Detected
m,p-Xylene	0.14	0.24	0.62	1.0
o-Xylene	0.14	Not Detected	0.62	Not Detected
Styrene	0.14	Not Detected	0.61	Not Detected
Bromoform	0.14	Not Detected	1.5	Not Detected
Cumene	0.14	Not Detected	0.71	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
Propylbenzene	0.14	Not Detected	0.71	Not Detected
4-Ethyltoluene	0.14	Not Detected	0.71	Not Detected
1,3,5-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,2,4-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
alpha-Chlorotoluene	0.14	Not Detected	0.74	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected
Hexachlorobutadiene	0.72	Not Detected	7.7	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	10	12	41

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-MIDCAR-072307

Lab ID#: 0707401-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072729**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.55**	**Date of Analysis:**	**7/28/07 09:22 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.95	0.77	4.7
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	0.51	0.32	1.0
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.16	Not Detected	0.34	Not Detected
Bromomethane	0.16	Not Detected	0.60	Not Detected
Chloroethane	0.16	Not Detected	0.41	Not Detected
Freon 11	0.16	0.18	0.87	1.0
Ethanol	0.78	2.1	1.5	3.9
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Acetone	0.78	21	1.8	50
2-Propanol	0.78	0.93	1.9	2.3
Carbon Disulfide	0.78	Not Detected	2.4	Not Detected
Methylene Chloride	0.31	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	28	0.56	100
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Hexane	0.16	7.9	0.55	28
1,1-Dichloroethane	0.16	Not Detected	0.63	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	3.3	0.46	9.7
cis-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Tetrahydrofuran	0.78	0.88	2.3	2.6
Chloroform	0.16	Not Detected	0.76	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Cyclohexane	0.16	4.2	0.53	14
Carbon Tetrachloride	0.16	Not Detected	0.98	Not Detected
Benzene	0.16	5.9	0.50	19
1,2-Dichloroethane	0.16	Not Detected	0.63	Not Detected
Heptane	0.16	3.6	0.64	15
Trichloroethene	0.16	Not Detected	0.83	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.72	Not Detected
1,4-Dioxane	0.16	Not Detected	0.56	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
4-Methyl-2-pentanone	0.16	0.26	0.63	1.0
Toluene	0.16	15	0.58	57
trans-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Tetrachloroethene	0.16	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-MIDCAR-072307

Lab ID#: 0707401-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072729**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.55**	**Date of Analysis:**	**7/28/07 09:22 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.78	Not Detected	3.2	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.71	Not Detected
Ethyl Benzene	0.16	1.2	0.67	5.0
m,p-Xylene	0.16	3.6	0.67	16
o-Xylene	0.16	1.0	0.67	4.4
Styrene	0.16	0.22	0.66	0.96
Bromoform	0.16	Not Detected	1.6	Not Detected
Cumene	0.16	0.29	0.76	1.4
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.76	Not Detected
4-Ethyltoluene	0.16	0.51	0.76	2.5
1,3,5-Trimethylbenzene	0.16	Not Detected	0.76	Not Detected
1,2,4-Trimethylbenzene	0.16	0.50	0.76	2.5
1,3-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.80	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,2,4-Trichlorobenzene	0.78	Not Detected	5.8	Not Detected
Hexachlorobutadiene	0.78	Not Detected	8.3	Not Detected
TPH ref. to Gasoline (MW=100)	3.1	160	13	650

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-POSTOX-072307

Lab ID#: 0707401-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072811**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**7/28/07 08:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.90	0.71	4.5
Freon 114	0.14	0.17	1.0	1.2
Chloromethane	0.14	Not Detected	0.30	Not Detected
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
1,3-Butadiene	0.14	Not Detected	0.32	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	Not Detected	0.81	Not Detected
Ethanol	0.72	Not Detected	1.4	Not Detected
Freon 113	0.14	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Acetone	0.72	2.8	1.7	6.7
2-Propanol	0.72	Not Detected	1.8	Not Detected
Carbon Disulfide	0.72	1.9	2.2	5.9
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.52	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Hexane	0.14	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.33	0.42	0.96
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.14	Not Detected	0.70	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Cyclohexane	0.14	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.14	Not Detected	0.91	Not Detected
Benzene	0.14	0.24	0.46	0.78
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Heptane	0.14	Not Detected	0.59	Not Detected
Trichloroethene	0.14	Not Detected	0.77	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
1,4-Dioxane	0.14	Not Detected	0.52	Not Detected
Bromodichloromethane	0.14	Not Detected	0.96	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.59	Not Detected
Toluene	0.14	0.21	0.54	0.80
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	Not Detected	0.98	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-POSTOX-072307

Lab ID#: 0707401-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072811**	**Date of Collection:**	**7/23/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**7/28/07 08:06 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.72	Not Detected	2.9	Not Detected
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	Not Detected	0.62	Not Detected
m,p-Xylene	0.14	Not Detected	0.62	Not Detected
o-Xylene	0.14	Not Detected	0.62	Not Detected
Styrene	0.14	Not Detected	0.61	Not Detected
Bromoform	0.14	Not Detected	1.5	Not Detected
Cumene	0.14	Not Detected	0.71	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
Propylbenzene	0.14	Not Detected	0.71	Not Detected
4-Ethyltoluene	0.14	Not Detected	0.71	Not Detected
1,3,5-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,2,4-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,4-Dichlorobenzene	0.14	0.17	0.86	1.0
alpha-Chlorotoluene	0.14	Not Detected	0.74	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected
Hexachlorobutadiene	0.72	Not Detected	7.7	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	11	12	45

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707401-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072722**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 07:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707401-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072722**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 07:35 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	117	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707401-05B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/28/07 05:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0707401-05B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072807**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/28/07 05:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	114	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707401-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072712**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 01:37 PM**	

Compound	**%Recovery**
Freon 12	94
Freon 114	99
Chloromethane	90
Vinyl Chloride	94
1,3-Butadiene	93
Bromomethane	99
Chloroethane	90
Freon 11	89
Ethanol	91
Freon 113	98
1,1-Dichloroethene	95
Acetone	88
2-Propanol	84
Carbon Disulfide	93
Methylene Chloride	95
Methyl tert-butyl ether	99
trans-1,2-Dichloroethene	96
Hexane	94
1,1-Dichloroethane	92
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	94
Tetrahydrofuran	91
Chloroform	93
1,1,1-Trichloroethane	97
Cyclohexane	96
Carbon Tetrachloride	103
Benzene	96
1,2-Dichloroethane	100
Heptane	105
Trichloroethene	103
1,2-Dichloropropane	100
1,4-Dioxane	110
Bromodichloromethane	105
cis-1,3-Dichloropropene	110
4-Methyl-2-pentanone	112
Toluene	103
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	102
Tetrachloroethene	103

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707401-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072712**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 01:37 PM**	

Compound	**%Recovery**
2-Hexanone	104
Dibromochloromethane	112
1,2-Dibromoethane (EDB)	110
Chlorobenzene	98
Ethyl Benzene	103
m,p-Xylene	108
o-Xylene	110
Styrene	114
Bromoform	122
Cumene	109
1,1,2,2-Tetrachloroethane	103
Propylbenzene	106
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	108
1,2,4-Trimethylbenzene	110
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	110
alpha-Chlorotoluene	117
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	114
Hexachlorobutadiene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707401-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072802**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 7/28/07 01:28 PM**

Compound	%Recovery
Freon 12	106
Freon 114	104
Chloromethane	108
Vinyl Chloride	108
1,3-Butadiene	108
Bromomethane	106
Chloroethane	104
Freon 11	99
Ethanol	98
Freon 113	98
1,1-Dichloroethene	95
Acetone	96
2-Propanol	86
Carbon Disulfide	102
Methylene Chloride	102
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	104
Hexane	107
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	109
cis-1,2-Dichloroethene	95
Tetrahydrofuran	110
Chloroform	101
1,1,1-Trichloroethane	109
Cyclohexane	101
Carbon Tetrachloride	111
Benzene	108
1,2-Dichloroethane	121
Heptane	121
Trichloroethene	105
1,2-Dichloropropane	112
1,4-Dioxane	112
Bromodichloromethane	118
cis-1,3-Dichloropropene	117
4-Methyl-2-pentanone	133 Q
Toluene	112
trans-1,3-Dichloropropene	115
1,1,2-Trichloroethane	105
Tetrachloroethene	100

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0707401-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072802**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/28/07 01:28 PM**	

Compound	**%Recovery**
2-Hexanone	114
Dibromochloromethane	118
1,2-Dibromoethane (EDB)	114
Chlorobenzene	102
Ethyl Benzene	109
m,p-Xylene	113
o-Xylene	114
Styrene	122
Bromoform	124
Cumene	115
1,1,2,2-Tetrachloroethane	112
Propylbenzene	114
4-Ethyltoluene	123
1,3,5-Trimethylbenzene	115
1,2,4-Trimethylbenzene	118
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	113
alpha-Chlorotoluene	120
1,2-Dichlorobenzene	111
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	105
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707401-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072713**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 02:16 PM**	

Compound	**%Recovery**
Freon 12	95
Freon 114	96
Chloromethane	96
Vinyl Chloride	98
1,3-Butadiene	96
Bromomethane	99
Chloroethane	98
Freon 11	92
Ethanol	123
Freon 113	105
1,1-Dichloroethene	108
Acetone	102
2-Propanol	100
Carbon Disulfide	97
Methylene Chloride	108
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	100
Hexane	106
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	111
cis-1,2-Dichloroethene	100
Tetrahydrofuran	102
Chloroform	100
1,1,1-Trichloroethane	102
Cyclohexane	101
Carbon Tetrachloride	102
Benzene	101
1,2-Dichloroethane	110
Heptane	116
Trichloroethene	101
1,2-Dichloropropane	106
1,4-Dioxane	112
Bromodichloromethane	110
cis-1,3-Dichloropropene	114
4-Methyl-2-pentanone	125
Toluene	110
trans-1,3-Dichloropropene	114
1,1,2-Trichloroethane	105
Tetrachloroethene	103

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707401-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072713**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/27/07 02:16 PM**	

Compound	**%Recovery**
2-Hexanone	117
Dibromochloromethane	114
1,2-Dibromoethane (EDB)	110
Chlorobenzene	100
Ethyl Benzene	103
m,p-Xylene	109
o-Xylene	112
Styrene	117
Bromoform	120
Cumene	113
1,1,2,2-Tetrachloroethane	104
Propylbenzene	110
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	112
1,3-Dichlorobenzene	106
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	126
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	104
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707401-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/28/07 02:11 PM**	

Compound	**%Recovery**
Freon 12	100
Freon 114	98
Chloromethane	102
Vinyl Chloride	100
1,3-Butadiene	99
Bromomethane	103
Chloroethane	100
Freon 11	99
Ethanol	98
Freon 113	108
1,1-Dichloroethene	103
Acetone	100
2-Propanol	85
Carbon Disulfide	99
Methylene Chloride	110
Methyl tert-butyl ether	102
trans-1,2-Dichloroethene	98
Hexane	107
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	98
Tetrahydrofuran	107
Chloroform	103
1,1,1-Trichloroethane	108
Cyclohexane	99
Carbon Tetrachloride	104
Benzene	111
1,2-Dichloroethane	121
Heptane	123
Trichloroethene	109
1,2-Dichloropropane	112
1,4-Dioxane	119
Bromodichloromethane	118
cis-1,3-Dichloropropene	117
4-Methyl-2-pentanone	134
Toluene	119
trans-1,3-Dichloropropene	122
1,1,2-Trichloroethane	115
Tetrachloroethene	113

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0707401-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z072803**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 7/28/07 02:11 PM**	

Compound	**%Recovery**
2-Hexanone	123
Dibromochloromethane	125
1,2-Dibromoethane (EDB)	121
Chlorobenzene	111
Ethyl Benzene	114
m,p-Xylene	120
o-Xylene	124
Styrene	129
Bromoform	128
Cumene	125
1,1,2,2-Tetrachloroethane	115
Propylbenzene	122
4-Ethyltoluene	126
1,3,5-Trimethylbenzene	119
1,2,4-Trimethylbenzene	121
1,3-Dichlorobenzene	117
1,4-Dichlorobenzene	116
alpha-Chlorotoluene	129
1,2-Dichlorobenzene	113
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	99
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.

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Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Sean Coury
Company: LFR Email: Sean.coury@lfr.com
Address: 14201 N 87th St Ste 135 City: Scottsdale State: AZ Zip: 85260
Phone: ____ Fax: ____

Project Info:
P.O. #: ____
Project #: 014 1002213 007
Project Name: KMEP/Silvercroft

Turn Around Time:
☐ Normal
☒ Rush 24-HR specify

Lab Use Only
Pressurized by: VFR
Date: 7/24/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-EFF-072307	12076	7/23/07	1330	TO-15, TPHg	-24	Ø	2.5"Hg	5.0psi
02A	VSP-3-MIDCAR-072307	35984		1335		-24	Ø	2.0"Hg	
03A	VSP-3D-MIDCAR-072307	4241		1337		-28	-2	4.0"Hg	
04A	VSP-2-POSTOX-072307	4167		1345		-28	Ø	2.0"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Sean Coury	7/23/07 1600	T. Lafleur - ATL	7/24/07 0845
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8606 4832 5993	NA	good	Yes No (None)	0707401

Form 1293 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Thursday, August 16, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-1002215/007

Order No.: 07080551

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 8/13/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-1002215/007
Lab Order: 07080551

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07080551-01A	EFF-081307	1615	8/13/2007 1:50:00 PM	8/13/2007
07080551-02A	MID CAR-081307	1624	8/13/2007 1:55:00 PM	8/13/2007
07080551-03A	MID CAR-081307 DUP	1622	8/13/2007 2:10:00 PM	8/13/2007
07080551-04A	POST OX-081307	1611	8/13/2007 2:17:00 PM	8/13/2007
07080551-05A	INF-081307	204	8/13/2007 2:27:00 PM	8/13/2007

Aerotech Environmental Laboratories

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-1002215/007
Lab Order: 07080551

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	EFF-081307
Lab Order:	07080551	**Tag Number:**	1615
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 1:50:00 PM
Lab ID:	07080551-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/14/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/14/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/14/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/14/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/14/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/14/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/14/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/14/2007
Acetone	< 5.0	5.0		ppbv	1	8/14/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Benzene	< 0.50	0.50		ppbv	1	8/14/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	8/14/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/14/2007
Bromoform	< 0.50	0.50		ppbv	1	8/14/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/14/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/14/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/14/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/14/2007
Chloroform	< 0.50	0.50		ppbv	1	8/14/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	EFF-081307
Lab Order:	07080551	**Tag Number:**	1615
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 1:50:00 PM
Lab ID:	07080551-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/14/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/14/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/14/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
Heptane	< 0.50	0.50		ppbv	1	8/14/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/14/2007
Hexane	< 0.50	0.50		ppbv	1	8/14/2007
m&p-Xylene	1.1	1.0		ppbv	1	8/14/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/14/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/14/2007
o-Xylene	0.60	0.50		ppbv	1	8/14/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	8/14/2007
Styrene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrahydrofuran	2.7	2.0		ppbv	1	8/14/2007
Toluene	0.72	0.50		ppbv	1	8/14/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Surr: 4-Bromofluorobenzene	87.1	70-130		%REC	1	8/14/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/14/2007
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	MID CAR-081307
Lab Order:	07080551	**Tag Number:**	1624
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 1:55:00 PM
Lab ID:	07080551-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/14/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/14/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/14/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/14/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/14/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/14/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/14/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/14/2007
Acetone	5.0	5.0		ppbv	1	8/14/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Benzene	< 0.50	0.50		ppbv	1	8/14/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	8/14/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/14/2007
Bromoform	< 0.50	0.50		ppbv	1	8/14/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/14/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/14/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/14/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/14/2007
Chloroform	< 0.50	0.50		ppbv	1	8/14/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	MID CAR-081307
Lab Order:	07080551	**Tag Number:**	1624
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 1:55:00 PM
Lab ID:	07080551-02A	**Matrix:**	AIR

Aualyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/14/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/14/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/14/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
Heptane	< 0.50	0.50		ppbv	1	8/14/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/14/2007
Hexane	< 0.50	0.50		ppbv	1	8/14/2007
m&p-Xylene	1.1	1.0		ppbv	1	8/14/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/14/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/14/2007
o-Xylene	0.63	0.50		ppbv	1	8/14/2007
Propene (Propylene)	2.1	0.50		ppbv	1	8/14/2007
Styrene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrahydrofuran	3.4	2.0		ppbv	1	8/14/2007
Toluene	0.64	0.50		ppbv	1	8/14/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Surr: 4-Bromofluorobenzene	75.0	70-130		%REC	1	8/14/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/14/2007
Surr: 4-Bromofluorobenzene	82.0	70-130		%REC	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	MID CAR-081307 DUP
Lab Order:	07080551	**Tag Number:**	1622
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 2:10:00 PM
Lab ID:	07080551-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/14/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/14/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/14/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/14/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/14/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/14/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/14/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/14/2007
Acetone	18	5.0		ppbv	1	8/14/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Benzene	< 0.50	0.50		ppbv	1	8/14/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	8/14/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/14/2007
Bromoform	< 0.50	0.50		ppbv	1	8/14/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/14/2007
Carbon disulfide	0.85	0.50		ppbv	1	8/14/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/14/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/14/2007
Chloroform	< 0.50	0.50		ppbv	1	8/14/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	MID CAR-081307 DUP
Lab Order:	07080551	**Tag Number:**	1622
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 2:10:00 PM
Lab ID:	07080551-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/14/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/14/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/14/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
Heptane	< 0.50	0.50		ppbv	1	8/14/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/14/2007
Hexane	< 0.50	0.50		ppbv	1	8/14/2007
m&p-Xylene	1.3	1.0		ppbv	1	8/14/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/14/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/14/2007
o-Xylene	0.71	0.50		ppbv	1	8/14/2007
Propene (Propylene)	2.0	0.50		ppbv	1	8/14/2007
Styrene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrahydrofuran	2.3	2.0		ppbv	1	8/14/2007
Toluene	0.61	0.50		ppbv	1	8/14/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Surr: 4-Bromofluorobenzene	79.4	70-130		%REC	1	8/14/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/14/2007
Surr: 4-Bromofluorobenzene	85.8	70-130		%REC	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	POST OX-081307
Lab Order:	07080551	**Tag Number:**	1611
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 2:17:00 PM
Lab ID:	07080551-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/14/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/14/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/14/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/14/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/14/2007
2-Butanone (MEK)	3.4	1.0		ppbv	1	8/14/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/14/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/14/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/14/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/14/2007
Acetone	20	5.0		ppbv	1	8/14/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Benzene	6.9	0.50		ppbv	1	8/14/2007
Benzyl chloride	< 2.0	2.0	V1	ppbv	1	8/14/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/14/2007
Bromoform	< 0.50	0.50		ppbv	1	8/14/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/14/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/14/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/14/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/14/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/14/2007
Chloroform	< 0.50	0.50		ppbv	1	8/14/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	POST OX-081307
Lab Order:	07080551	**Tag Number:**	1611
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 2:17:00 PM
Lab ID:	07080551-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/14/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/14/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/14/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/14/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/14/2007
Heptane	< 0.50	0.50		ppbv	1	8/14/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/14/2007
Hexane	< 0.50	0.50		ppbv	1	8/14/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/14/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/14/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/14/2007
o-Xylene	0.61	0.50		ppbv	1	8/14/2007
Propene (Propylene)	0.68	0.50		ppbv	1	8/14/2007
Styrene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Tetrahydrofuran	3.4	2.0		ppbv	1	8/14/2007
Toluene	0.52	0.50		ppbv	1	8/14/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/14/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/14/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/14/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/14/2007
Surr: 4-Bromofluorobenzene	78.7	70-130		%REC	1	8/14/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/14/2007
Surr: 4-Bromofluorobenzene	95.6	70-130		%REC	1	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	INF-081307
Lab Order:	07080551	**Tag Number:**	204
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 2:27:00 PM
Lab ID:	07080551-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 100000	100000		ppbv	200000	8/14/2007
1,1,2,2-Tetrachloroethane	< 100000	100000		ppbv	200000	8/14/2007
1,1,2-Trichloroethane	< 100000	100000		ppbv	200000	8/14/2007
1,1-Dichloroethane	< 100000	100000		ppbv	200000	8/14/2007
1,1-Dichloroethene	< 100000	100000		ppbv	200000	8/14/2007
1,2,4-Trichlorobenzene	< 400000	400000		ppbv	200000	8/14/2007
1,2,4-Trimethylbenzene	< 100000	100000		ppbv	200000	8/14/2007
1,2-Dibromoethane	< 100000	100000		ppbv	200000	8/14/2007
1,2-Dichlorobenzene	< 100000	100000		ppbv	200000	8/14/2007
1,2-Dichloroethane	< 100000	100000		ppbv	200000	8/14/2007
1,2-Dichloropropane	< 100000	100000		ppbv	200000	8/14/2007
1,3,5-Trimethylbenzene	< 100000	100000		ppbv	200000	8/14/2007
1,3-Butadiene	< 100000	100000		ppbv	200000	8/14/2007
1,3-Dichlorobenzene	< 100000	100000		ppbv	200000	8/14/2007
1,4-Dichlorobenzene	< 100000	100000		ppbv	200000	8/14/2007
2,2,4-Trimethylpentane	3400000	100000	D2	ppbv	200000	8/14/2007
2-Butanone (MEK)	< 200000	200000		ppbv	200000	8/14/2007
2-Hexanone	< 200000	200000		ppbv	200000	8/14/2007
2-Propanol	< 400000	400000		ppbv	200000	8/14/2007
4-Ethyltoluene	< 100000	100000		ppbv	200000	8/14/2007
4-Methyl-2-pentanone	< 200000	200000		ppbv	200000	8/14/2007
Acetone	< 1000000	1000000		ppbv	200000	8/14/2007
Allyl chloride	< 100000	100000		ppbv	200000	8/14/2007
Benzene	850000	100000	D2	ppbv	200000	8/14/2007
Benzyl chloride	< 400000	400000	V1	ppbv	200000	8/14/2007
Bromodichloromethane	< 100000	100000		ppbv	200000	8/14/2007
Bromoethene(Vinyl Bromide)	< 100000	100000		ppbv	200000	8/14/2007
Bromoform	< 100000	100000		ppbv	200000	8/14/2007
Bromomethane	< 100000	100000		ppbv	200000	8/14/2007
Carbon disulfide	< 100000	100000		ppbv	200000	8/14/2007
Carbon tetrachloride	< 100000	100000		ppbv	200000	8/14/2007
Chlorobenzene	< 100000	100000		ppbv	200000	8/14/2007
Chloroethane	< 100000	100000		ppbv	200000	8/14/2007
Chloroform	< 100000	100000		ppbv	200000	8/14/2007
Chloromethane	< 100000	100000		ppbv	200000	8/14/2007
cis-1,2-Dichloroethene	< 100000	100000		ppbv	200000	8/14/2007
cis-1,3-Dichloropropene	< 100000	100000		ppbv	200000	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *16-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	INF-081307
Lab Order:	07080551	**Tag Number:**	204
Project:	Silvercroft/014-1002215/007	**Collection Date:**	8/13/2007 2:27:00 PM
Lab ID:	07080551-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	1100000	100000	D2	ppbv	200000	8/14/2007
Dibromochloromethane	< 100000	100000		ppbv	200000	8/14/2007
Dichlorodifluoromethane(F-12)	< 100000	100000		ppbv	200000	8/14/2007
Dichlorotetrafluoroethane(F-114)	< 100000	100000		ppbv	200000	8/14/2007
Ethyl Acetate	< 100000	100000		ppbv	200000	8/14/2007
Ethylbenzene	140000	100000	D2	ppbv	200000	8/14/2007
Heptane	690000	100000	D2	ppbv	200000	8/14/2007
Hexachlorobutadiene	< 200000	200000		ppbv	200000	8/14/2007
Hexane	1300000	100000	D2	ppbv	200000	8/14/2007
m&p-Xylene	400000	200000	D2	ppbv	200000	8/14/2007
Methyl tert-butyl ether	3700000	200000	D2	ppbv	200000	8/14/2007
Methylene chloride	< 100000	100000		ppbv	200000	8/14/2007
o-Xylene	120000	100000	D2	ppbv	200000	8/14/2007
Propene (Propylene)	< 100000	100000		ppbv	200000	8/14/2007
Styrene	< 100000	100000		ppbv	200000	8/14/2007
Tetrachloroethene	< 100000	100000		ppbv	200000	8/14/2007
Tetrahydrofuran	< 400000	400000		ppbv	200000	8/14/2007
Toluene	2000000	100000	D2	ppbv	200000	8/14/2007
trans-1,2-Dichloroethene	< 100000	100000		ppbv	200000	8/14/2007
trans-1,3-Dichloropropene	< 100000	100000		ppbv	200000	8/14/2007
Trichloroethene	< 100000	100000		ppbv	200000	8/14/2007
Trichlorofluoromethane(F-11)	< 100000	100000		ppbv	200000	8/14/2007
Trichlorotrifluoroethane(F-113)	< 100000	100000		ppbv	200000	8/14/2007
Vinyl acetate	< 100000	100000		ppbv	200000	8/14/2007
Vinyl chloride	< 100000	100000		ppbv	200000	8/14/2007
Surr: 4-Bromofluorobenzene	71.4	70-130		%REC	200000	8/14/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	250000000	100000000	D2	µg/m³	200000	8/14/2007
Surr: 4-Bromofluorobenzene	91.0	70-130		%REC	200000	8/14/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

16-Aug-07

Lab Order: 07080551
Client: LFR - Levine Fricke
Project: Silvercroft/014-1002215/007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07080551-01A	EFF-081307	8/13/2007 1:50:00 PM	Air	Gasoline Hydrocarbons in Air			8/14/2007
				Volatile Organics in Air			8/14/2007
07080551-02A	MID CAR-081307	8/13/2007 1:55:00 PM		Gasoline Hydrocarbons in Air			8/14/2007
				Volatile Organics in Air			8/14/2007
07080551-03A	MID CAR-081307 DUP	8/13/2007 2:10:00 PM		Gasoline Hydrocarbons in Air			8/14/2007
				Volatile Organics in Air			8/14/2007
07080551-04A	POST OX-081307	8/13/2007 2:17:00 PM		Gasoline Hydrocarbons in Air			8/14/2007
				Volatile Organics in Air			8/14/2007
07080551-05A	INF-081307	8/13/2007 2:27:00 PM		Gasoline Hydrocarbons in Air			8/14/2007
				Volatile Organics in Air			8/14/2007

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90087** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066449**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90087** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066449**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90087** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066449**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	8.700	0.50	10	0	87.0	70	130				

Sample ID: **LCS-R90087** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066459**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.500	0.50	10	0	85.0	65	135				
1,1,2,2-Tetrachloroethane	8.270	0.50	10	0	82.7	65	135				
1,1,2-Trichloroethane	8.460	0.50	10	0	84.6	65	135				
1,1-Dichloroethane	8.030	0.50	10	0	80.3	65	135				
1,1-Dichloroethene	7.530	0.50	10	0	75.3	65	135				
1,2,4-Trichlorobenzene	11.15	2.0	10	0	112	65	135				
1,2,4-Trimethylbenzene	8.960	0.50	10	0	89.6	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90087** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066459**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	8.720	0.50	10	0	87.2	65	135				
1,2-Dichlorobenzene	9.280	0.50	10	0	92.8	65	135				
1,2-Dichloroethane	7.830	0.50	10	0	78.3	65	135				
1,2-Dichloropropane	8.130	0.50	10	0	81.3	65	135				
1,3,5-Trimethylbenzene	8.820	0.50	10	0	88.2	65	135				
1,3-Butadiene	7.760	0.50	10	0	77.6	65	135				
1,3-Dichlorobenzene	9.320	0.50	10	0	93.2	65	135				
1,4-Dichlorobenzene	9.210	0.50	10	0	92.1	65	135				
2,2,4-Trimethylpentane	8.330	0.50	10	0	83.3	65	135				
2-Butanone (MEK)	8.340	1.0	10	0	83.4	65	135				
2-Hexanone	7.350	1.0	10	0	73.5	65	135				
2-Propanol	8.400	2.0	10	0	84.0	65	135				
4-Ethyltoluene	8.670	0.50	10	0	86.7	65	135				
4-Methyl-2-pentanone	7.600	1.0	10	0	76.0	65	135				
Acetone	8.080	5.0	10	0	80.8	65	135				
Allyl chloride	8.820	0.50	10	0	88.2	65	135				
Benzene	8.250	0.50	10	0	82.5	65	135				
Benzyl chloride	13.45	2.0	10	0	135	65	135				
Bromodichloromethane	8.590	0.50	10	0	85.9	65	135				
Bromoethene(Vinyl Bromide)	9.780	0.50	10	0	97.8	65	135				
Bromoform	9.260	0.50	10	0	92.6	65	135				
Bromomethane	8.970	0.50	10	0	89.7	65	135				
Carbon disulfide	8.550	0.50	10	0	85.5	65	135				
Carbon tetrachloride	9.190	0.50	10	0	91.9	65	135				
Chlorobenzene	9.020	0.50	10	0	90.2	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90087** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066459**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	8.460	0.50	10	0	84.6	65	135				
Chloroform	8.070	0.50	10	0	80.7	65	135				
Chloromethane	7.640	0.50	10	0	76.4	65	135				
cis-1,2-Dichloroethene	8.680	0.50	10	0	86.8	65	135				
cis-1,3-Dichloropropene	8.510	0.50	10	0	85.1	65	135				
Cyclohexane	8.110	0.50	10	0	81.1	65	135				
Dibromochloromethane	9.140	0.50	10	0	91.4	65	135				
Dichlorodifluoromethane(F-12)	8.000	0.50	10	0	80.0	65	135				
Dichlorotetrafluoroethane(F-114)	8.540	0.50	10	0	85.4	65	135				
Ethyl Acetate	7.880	0.50	10	0	78.8	65	135				
Ethylbenzene	8.930	0.50	10	0	89.3	65	135				
Heptane	7.630	0.50	10	0	76.3	65	135				
Hexachlorobutadiene	9.980	1.0	10	0	99.8	65	135				
Hexane	8.350	0.50	10	0	83.5	65	135				
m&p-Xylene	18.23	1.0	20	0	91.2	65	135				
Methyl tert-butyl ether	8.420	1.0	10	0	84.2	65	135				
Methylene chloride	7.450	0.50	10	0	74.5	65	135				
o-Xylene	8.680	0.50	10	0	86.8	65	135				
Propene (Propylene)	7.110	0.50	10	0	71.1	65	135				
Styrene	8.780	0.50	10	0	87.8	65	135				
Tetrachloroethene	8.910	0.50	10	0	89.1	65	135				
Tetrahydrofuran	7.390	2.0	10	0	73.9	65	135				
Toluene	8.630	0.50	10	0	86.3	65	135				
trans-1,2-Dichloroethene	8.930	0.50	10	0	89.3	65	135				
trans-1,3-Dichloropropene	9.010	0.50	10	0	90.1	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90087** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066459**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8.930	0.50	10	0	89.3	65	135				
Trichlorofluoromethane(F-11)	9.040	0.50	10	0	90.4	65	135				
Trichlorotrifluoroethane(F-113)	8.940	0.50	10	0	89.4	65	135				
Vinyl acetate	9.080	0.50	10	0	90.8	65	135				
Vinyl chloride	8.090	0.50	10	0	80.9	65	135				
Surr: 4-Bromofluorobenzene	8.740	0.50	10	0	87.4	70	130				

Sample ID: **LCSD-R90087** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066460**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.720	0.50	10	0	87.2	65	135	8.500	2.56	25	
1,1,2,2-Tetrachloroethane	8.070	0.50	10	0	80.7	65	135	8.270	2.45	25	
1,1,2-Trichloroethane	8.530	0.50	10	0	85.3	65	135	8.460	0.824	25	
1,1-Dichloroethane	8.180	0.50	10	0	81.8	65	135	8.030	1.85	25	
1,1-Dichloroethene	7.620	0.50	10	0	76.2	65	135	7.530	1.19	25	
1,2,4-Trichlorobenzene	11.10	2.0	10	0	111	65	135	11.15	0.449	25	
1,2,4-Trimethylbenzene	8.790	0.50	10	0	87.9	65	135	8.960	1.92	25	
1,2-Dibromoethane	8.760	0.50	10	0	87.6	65	135	8.720	0.458	25	
1,2-Dichlorobenzene	9.020	0.50	10	0	90.2	65	135	9.280	2.84	25	
1,2-Dichloroethane	7.970	0.50	10	0	79.7	65	135	7.830	1.77	25	
1,2-Dichloropropane	8.190	0.50	10	0	81.9	65	135	8.130	0.735	25	
1,3,5-Trimethylbenzene	8.670	0.50	10	0	86.7	65	135	8.820	1.72	25	
1,3-Butadiene	7.830	0.50	10	0	78.3	65	135	7.760	0.898	25	
1,3-Dichlorobenzene	9.090	0.50	10	0	90.9	65	135	9.320	2.50	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90087** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066460**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	9.040	0.50	10	0	90.4	65	135	9.210	1.86	25	
2,2,4-Trimethylpentane	8.410	0.50	10	0	84.1	65	135	8.330	0.956	25	
2-Butanone (MEK)	8.340	1.0	10	0	83.4	65	135	8.340	0	25	
2-Hexanone	7.640	1.0	10	0	76.4	65	135	7.350	3.87	25	
2-Propanol	8.390	2.0	10	0	83.9	65	135	8.400	0.119	25	
4-Ethyltoluene	8.470	0.50	10	0	84.7	65	135	8.670	2.33	25	
4-Methyl-2-pentanone	7.730	1.0	10	0	77.3	65	135	7.600	1.70	25	
Acetone	8.090	5.0	10	0	80.9	65	135	8.080	0.124	25	
Allyl chloride	9.050	0.50	10	0	90.5	65	135	8.820	2.57	25	
Benzene	8.440	0.50	10	0	84.4	65	135	8.250	2.28	25	
Benzyl chloride	13.22	2.0	10	0	132	65	135	13.45	1.72	25	
Bromodichloromethane	8.670	0.50	10	0	86.7	65	135	8.590	0.927	25	
Bromoethene(Vinyl Bromide)	9.950	0.50	10	0	99.5	65	135	9.780	1.72	25	
Bromoform	9.130	0.50	10	0	91.3	65	135	9.260	1.41	25	
Bromomethane	9.090	0.50	10	0	90.9	65	135	8.970	1.33	25	
Carbon disulfide	8.740	0.50	10	0	87.4	65	135	8.550	2.20	25	
Carbon tetrachloride	9.360	0.50	10	0	93.6	65	135	9.190	1.83	25	
Chlorobenzene	8.860	0.50	10	0	88.6	65	135	9.020	1.79	25	
Chloroethane	8.560	0.50	10	0	85.6	65	135	8.460	1.18	25	
Chloroform	8.190	0.50	10	0	81.9	65	135	8.070	1.48	25	
Chloromethane	7.750	0.50	10	0	77.5	65	135	7.640	1.43	25	
cis-1,2-Dichloroethene	8.880	0.50	10	0	88.8	65	135	8.680	2.28	25	
cis-1,3-Dichloropropene	8.630	0.50	10	0	86.3	65	135	8.510	1.40	25	
Cyclohexane	8.240	0.50	10	0	82.4	65	135	8.110	1.59	25	
Dibromochloromethane	9.210	0.50	10	0	92.1	65	135	9.140	0.763	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90087** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90087**
Client ID: Batch ID: **R90087** TestNo: **TO15** Analysis Date: **8/14/2007** SeqNo: **1066460**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	8.150	0.50	10	0	81.5	65	135	8.000	1.86	25	
Dichlorotetrafluoroethane(F-114)	8.720	0.50	10	0	87.2	65	135	8.540	2.09	25	
Ethyl Acetate	7.920	0.50	10	0	79.2	65	135	7.880	0.506	25	
Ethylbenzene	8.770	0.50	10	0	87.7	65	135	8.930	1.81	25	
Heptane	7.640	0.50	10	0	76.4	65	135	7.630	0.131	25	
Hexachlorobutadiene	9.820	1.0	10	0	98.2	65	135	9.980	1.62	25	
Hexane	8.500	0.50	10	0	85.0	65	135	8.350	1.78	25	
m&p-Xylene	17.84	1.0	20	0	89.2	65	135	18.23	2.16	25	
Methyl tert-butyl ether	8.530	1.0	10	0	85.3	65	135	8.420	1.30	25	
Methylene chloride	7.560	0.50	10	0	75.6	65	135	7.450	1.47	25	
o-Xylene	8.480	0.50	10	0	84.8	65	135	8.680	2.33	25	
Propene (Propylene)	7.210	0.50	10	0	72.1	65	135	7.110	1.40	25	
Styrene	8.620	0.50	10	0	86.2	65	135	8.780	1.84	25	
Tetrachloroethene	9.010	0.50	10	0	90.1	65	135	8.910	1.12	25	
Tetrahydrofuran	7.570	2.0	10	0	75.7	65	135	7.390	2.41	25	
Toluene	8.680	0.50	10	0	86.8	65	135	8.630	0.578	25	
trans-1,2-Dichloroethene	9.110	0.50	10	0	91.1	65	135	8.930	2.00	25	
trans-1,3-Dichloropropene	9.040	0.50	10	0	90.4	65	135	9.010	0.332	25	
Trichloroethene	9.070	0.50	10	0	90.7	65	135	8.930	1.56	25	
Trichlorofluoromethane(F-11)	9.200	0.50	10	0	92.0	65	135	9.040	1.75	25	
Trichlorotrifluoroethane(F-113)	9.090	0.50	10	0	90.9	65	135	8.940	1.66	25	
Vinyl acetate	9.200	0.50	10	0	92.0	65	135	9.080	1.31	25	
Vinyl chloride	8.280	0.50	10	0	82.8	65	135	8.090	2.32	25	
Surr: 4-Bromofluorobenzene	9.150	0.50	10	0	91.5	70	130	8.740	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *16-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080551
Project: Silvercroft/014-1002215/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90070** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90070**
Client ID: Batch ID: **R90070** TestNo: **TO15Modifie** Analysis Date: **8/13/2007** SeqNo: **1066208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	69.38	0	72.3	0	96.0	70	130				

Sample ID: **LCS-R90070** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90070**
Client ID: Batch ID: **R90070** TestNo: **TO15Modifie** Analysis Date: **8/13/2007** SeqNo: **1066211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	3214	500	2500	0	129	60	140				
Surr: 4-Bromofluorobenzene	74.44	0	72.3	0	103	70	130				

Sample ID: **LCSD-R90070** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90070**
Client ID: Batch ID: **R90070** TestNo: **TO15Modifie** Analysis Date: **8/13/2007** SeqNo: **1066212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	3214	500	2500	0	129	60	140	3214	0.00280	35	
Surr: 4-Bromofluorobenzene	74.51	0	72.3	0	103	70	130	74.44	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 0708051

Customer Number:	Page 1 of 1
Customer: LFR INC	Sampler: Rok
Address:	Project Name: Silvercraft
City, State, Zip:	Project Number: 0111-10022 15 1007
Contact:	P.O. Number:
Phone: / Fax:	Fax Results: Y (N)
E-Mail Address:	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No ✓
Custody Seals Intact: Yes ____ No N/A
Total # of Containers: 5

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TPH					
1	1615	6, 1, 0.4	EFF-081307	8-13-07	1350	AIR				X		X					
2	1624	6, 1, 0.4	Mid Cav-081307	"	1355												
3	1622	6, 1, 0.4	mid cav 081307 DUP	"	1410												
4	1611	6, 1, 0.4	Post OX-081307	"	1412												
5	204	6, 1, 0.4	TWF-081307	"	14:27												
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-13-07	16:57	(Ryan O'Keefe)	

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:

Laboratory Number:	07080551	Completed By/On	Pth 7/h 8/13/07
Client Name:	LFR	Date/Time Rec'd:	8/13/07 1637 By: PF
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW		Carrier Name:	Ryan O'Keefe

Temperature	Cooler #1: Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve
Glass Jar
Methanol
Plastic Bag
Encore Samplers
Sterile Plastic

Total number of bottles received: 5 IH sample media: 1 L Canister

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General		1	1	1	1	1					
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
H_2SO_4	<2		
1664	<2		
Cyanide	>12		
Sulfide	>9		

Comments:

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0708268

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	014-10022-15/007
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007
DATE RECEIVED:	08/14/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	08/15/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	EFF-081307	Modified TO-15	2.5 "Hg
02A	Mid Car-081307	Modified TO-15	4.0 "Hg
03A	Mid Car-081307 (Dup)	Modified TO-15	2.5 "Hg
04A	Post Ox-081307	Modified TO-15	5.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 08/15/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0708268

Four 6 Liter Summa Canister (100% Certified) samples were received on August 14, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: EFF-081307

Lab ID#: 0708268-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.72	6.4
Chloromethane	0.15	0.15	0.30	0.30
Ethanol	0.73	1.5	1.4	2.9
Acetone	0.73	4.0	1.7	9.5
Carbon Disulfide	0.73	1.5	2.3	4.7
2-Butanone (Methyl Ethyl Ketone)	0.15	0.49	0.43	1.4
Benzene	0.15	0.17	0.47	0.55
Toluene	0.15	0.60	0.55	2.3
Ethyl Benzene	0.15	0.17	0.63	0.75
m,p-Xylene	0.15	0.54	0.63	2.4
o-Xylene	0.15	0.16	0.63	0.69
4-Ethyltoluene	0.15	0.16	0.72	0.79
TPH ref. to Gasoline (MW=100)	2.9	15	12	60

Client Sample ID: Mid Car-081307

Lab ID#: 0708268-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.6	0.77	7.7
Ethanol	0.78	6.0	1.5	11
Acetone	0.78	3.7	1.8	8.8
2-Propanol	0.78	2.0	1.9	4.8
Carbon Disulfide	0.78	3.9	2.4	12
2-Butanone (Methyl Ethyl Ketone)	0.16	0.69	0.46	2.0
Heptane	0.16	0.22	0.64	0.88
Toluene	0.16	1.3	0.58	4.8
m,p-Xylene	0.16	0.31	0.67	1.4
TPH ref. to Gasoline (MW=100)	3.1	24	13	99

Client Sample ID: Mid Car-081307 (Dup)

Lab ID#: 0708268-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.5	0.72	7.3
Chloromethane	0.15	0.17	0.30	0.34
Ethanol	0.73	1.9	1.4	3.7

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: Mid Car-081307 (Dup)

Lab ID#: 0708268-03A

Acetone	0.73	1.7	1.7	4.1
2-Butanone (Methyl Ethyl Ketone)	0.15	0.16	0.43	0.48
Benzene	0.15	0.23	0.47	0.74
Toluene	0.15	0.47	0.55	1.8
m,p-Xylene	0.15	0.26	0.63	1.1
TPH ref. to Gasoline (MW=100)	2.9	14	12	56

Client Sample ID: Post Ox-081307

Lab ID#: 0708268-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.2	0.80	5.8
Ethanol	0.80	4.1	1.5	7.7
Acetone	0.80	3.8	1.9	9.1
2-Butanone (Methyl Ethyl Ketone)	0.16	2.9	0.47	8.6
Benzene	0.16	2.1	0.51	6.6
Toluene	0.16	1.3	0.61	4.8
m,p-Xylene	0.16	0.22	0.70	0.96
TPH ref. to Gasoline (MW=100)	3.2	57	13	230

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: EFF-081307

Lab ID#: 0708268-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081407**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/14/07 02:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.72	6.4
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.15	0.30	0.30
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.5	1.4	2.9
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	4.0	1.7	9.5
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	1.5	2.3	4.7
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.49	0.43	1.4
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.17	0.47	0.55
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.60	0.55	2.3
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: EFF-081307

Lab ID#: 0708268-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081407**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/14/07 02:40 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	0.17	0.63	0.75
m,p-Xylene	0.15	0.54	0.63	2.4
o-Xylene	0.15	0.16	0.63	0.69
Styrene	0.15	Not Detected	0.62	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.72	Not Detected
4-Ethyltoluene	0.15	0.16	0.72	0.79
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	15	12	60

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Mid Car-081307

Lab ID#: 0708268-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081410**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.55**	**Date of Analysis:**	**8/14/07 04:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.6	0.77	7.7
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	Not Detected	0.32	Not Detected
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.16	Not Detected	0.34	Not Detected
Bromomethane	0.16	Not Detected	0.60	Not Detected
Chloroethane	0.16	Not Detected	0.41	Not Detected
Freon 11	0.16	Not Detected	0.87	Not Detected
Ethanol	0.78	6.0	1.5	11
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Acetone	0.78	3.7	1.8	8.8
2-Propanol	0.78	2.0	1.9	4.8
Carbon Disulfide	0.78	3.9	2.4	12
Methylene Chloride	0.31	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.56	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Hexane	0.16	Not Detected	0.55	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.63	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.69	0.46	2.0
cis-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.76	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Cyclohexane	0.16	Not Detected	0.53	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.98	Not Detected
Benzene	0.16	Not Detected	0.50	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.63	Not Detected
Heptane	0.16	0.22	0.64	0.88
Trichloroethene	0.16	Not Detected	0.83	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.72	Not Detected
1,4-Dioxane	0.16	Not Detected	0.56	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.63	Not Detected
Toluene	0.16	1.3	0.58	4.8
trans-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Tetrachloroethene	0.16	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Mid Car-081307

Lab ID#: 0708268-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081410**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.55**	**Date of Analysis:**	**8/14/07 04:49 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.78	Not Detected	3.2	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.71	Not Detected
Ethyl Benzene	0.16	Not Detected	0.67	Not Detected
m,p-Xylene	0.16	0.31	0.67	1.4
o-Xylene	0.16	Not Detected	0.67	Not Detected
Styrene	0.16	Not Detected	0.66	Not Detected
Bromoform	0.16	Not Detected	1.6	Not Detected
Cumene	0.16	Not Detected	0.76	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.76	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.76	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.76	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.76	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.80	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,2,4-Trichlorobenzene	0.78	Not Detected	5.8	Not Detected
Hexachlorobutadiene	0.78	Not Detected	8.3	Not Detected
TPH ref. to Gasoline (MW=100)	3.1	24	13	99

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Mid Car-081307 (Dup)

Lab ID#: 0708268-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081411**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/14/07 05:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.5	0.72	7.3
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.17	0.30	0.34
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.9	1.4	3.7
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	1.7	1.7	4.1
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.16	0.43	0.48
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.23	0.47	0.74
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.47	0.55	1.8
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Mid Car-081307 (Dup)

Lab ID#: 0708268-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081411**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/14/07 05:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	Not Detected	0.63	Not Detected
m,p-Xylene	0.15	0.26	0.63	1.1
o-Xylene	0.15	Not Detected	0.63	Not Detected
Styrene	0.15	Not Detected	0.62	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.72	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.72	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	14	12	56

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Post Ox-081307

Lab ID#: 0708268-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081412**	**Date of Collection: 8/13/07**	
Dil. Factor:	**1.61**	**Date of Analysis: 8/14/07 06:14 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.2	0.80	5.8
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	Not Detected	0.33	Not Detected
Vinyl Chloride	0.16	Not Detected	0.41	Not Detected
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.16	Not Detected	0.62	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	Not Detected	0.90	Not Detected
Ethanol	0.80	4.1	1.5	7.7
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	3.8	1.9	9.1
2-Propanol	0.80	Not Detected	2.0	Not Detected
Carbon Disulfide	0.80	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Hexane	0.16	Not Detected	0.57	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.65	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	2.9	0.47	8.6
cis-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Tetrahydrofuran	0.80	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.79	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.88	Not Detected
Cyclohexane	0.16	Not Detected	0.55	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
Benzene	0.16	2.1	0.51	6.6
1,2-Dichloroethane	0.16	Not Detected	0.65	Not Detected
Heptane	0.16	Not Detected	0.66	Not Detected
Trichloroethene	0.16	Not Detected	0.86	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.74	Not Detected
1,4-Dioxane	0.16	Not Detected	0.58	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.73	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.66	Not Detected
Toluene	0.16	1.3	0.61	4.8
trans-1,3-Dichloropropene	0.16	Not Detected	0.73	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.88	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Post Ox-081307

Lab ID#: 0708268-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081412**	**Date of Collection:**	**8/13/07**
Dil. Factor:	**1.61**	**Date of Analysis:**	**8/14/07 06:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.80	Not Detected	3.3	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.74	Not Detected
Ethyl Benzene	0.16	Not Detected	0.70	Not Detected
m,p-Xylene	0.16	0.22	0.70	0.96
o-Xylene	0.16	Not Detected	0.70	Not Detected
Styrene	0.16	Not Detected	0.68	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.79	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.79	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.79	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.79	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.79	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.83	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,2,4-Trichlorobenzene	0.80	Not Detected	6.0	Not Detected
Hexachlorobutadiene	0.80	Not Detected	8.6	Not Detected
TPH ref. to Gasoline (MW=100)	3.2	57	13	230

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0708268-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/07 01:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0708268-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081406**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/07 01:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0708268-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081402**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/07 10:20 AM**

Compound	%Recovery
Freon 12	103
Freon 114	104
Chloromethane	118
Vinyl Chloride	114
1,3-Butadiene	113
Bromomethane	109
Chloroethane	112
Freon 11	95
Ethanol	102
Freon 113	104
1,1-Dichloroethene	95
Acetone	113
2-Propanol	89
Carbon Disulfide	107
Methylene Chloride	106
Methyl tert-butyl ether	91
trans-1,2-Dichloroethene	105
Hexane	111
1,1-Dichloroethane	108
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	97
Tetrahydrofuran	108
Chloroform	102
1,1,1-Trichloroethane	106
Cyclohexane	99
Carbon Tetrachloride	101
Benzene	121
1,2-Dichloroethane	122
Heptane	129
Trichloroethene	111
1,2-Dichloropropane	124
1,4-Dioxane	116
Bromodichloromethane	116
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	130
Toluene	113
trans-1,3-Dichloropropene	102
1,1,2-Trichloroethane	113
Tetrachloroethene	108

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0708268-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/07 10:20 AM**	

Compound	**%Recovery**
2-Hexanone	106
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	117
Chlorobenzene	110
Ethyl Benzene	115
m,p-Xylene	115
o-Xylene	114
Styrene	119
Bromoform	108
Cumene	120
1,1,2,2-Tetrachloroethane	117
Propylbenzene	120
4-Ethyltoluene	124
1,3,5-Trimethylbenzene	121
1,2,4-Trimethylbenzene	122
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	111
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	89
Hexachlorobutadiene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0708268-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/07 11:04 AM**	

Compound	%Recovery
Freon 12	106
Freon 114	106
Chloromethane	120
Vinyl Chloride	115
1,3-Butadiene	112
Bromomethane	109
Chloroethane	113
Freon 11	147 Q
Ethanol	114
Freon 113	118
1,1-Dichloroethene	106
Acetone	116
2-Propanol	98
Carbon Disulfide	109
Methylene Chloride	123
Methyl tert-butyl ether	70
trans-1,2-Dichloroethene	108
Hexane	116
1,1-Dichloroethane	117
2-Butanone (Methyl Ethyl Ketone)	112
cis-1,2-Dichloroethene	104
Tetrahydrofuran	112
Chloroform	110
1,1,1-Trichloroethane	111
Cyclohexane	105
Carbon Tetrachloride	97
Benzene	124
1,2-Dichloroethane	129
Heptane	136
Trichloroethene	115
1,2-Dichloropropane	126
1,4-Dioxane	121
Bromodichloromethane	122
cis-1,3-Dichloropropene	105
4-Methyl-2-pentanone	138
Toluene	126
trans-1,3-Dichloropropene	106
1,1,2-Trichloroethane	119
Tetrachloroethene	114

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0708268-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z081403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/14/07 11:04 AM**	

Compound	**%Recovery**
2-Hexanone	117
Dibromochloromethane	122
1,2-Dibromoethane (EDB)	116
Chlorobenzene	116
Ethyl Benzene	118
m,p-Xylene	118
o-Xylene	117
Styrene	127
Bromoform	122
Cumene	128
1,1,2,2-Tetrachloroethane	123
Propylbenzene	129
4-Ethyltoluene	139
1,3,5-Trimethylbenzene	124
1,2,4-Trimethylbenzene	124
1,3-Dichlorobenzene	115
1,4-Dichlorobenzene	111
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	108
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	106
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Inc Email: michael.nesky@lfr.com
Address: ____ City: ____ State: ____ Zip: ____
Phone: 480-905-0311 Fax: ____

Project Info:
P.O. #: 014-10072-15/007
Project #: 014-10072-15/007
Project Name: ____

Turn Around Time:
☐ Normal
☑ Rush 24h TAT
specify

Lab Use Only
Pressurized by: VFP
Date: 8/14/07
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	EFF-081307	1897		13:50	TO-15 TPH	-28	0	2.5%	5.0psi
02A	mid Cur-081307	R-1		13:55	"	-27	-2	4.0%	
03A	mid Cur-081307 (Dup)	12072		14:10	"	-28	0	2.5%	
04A	Post Ox-081307	9941		14:17	"	-28.5	-3	5.0%	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	8-13-07 15:00	T. La Flesh - ATL	8/14/07 0840
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab use only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8569 5352 2711	NA	good	Yes No None	0708268

Form 1230 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Thursday, August 23, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-10022-15/007

Order No.: 07080745

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 8/17/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07080745

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07080745-01A	VSP-4-081707 (EFF)	1621	8/17/2007 3:10:00 PM	8/17/2007
07080745-02A	VSP-4-081707 (EFF) D	1620	8/17/2007 3:20:00 PM	8/17/2007
07080745-03A	VSP-3-081707 (MIDCAR)	1625	8/17/2007 3:25:00 PM	8/17/2007
07080745-04A	VSP-2-081707 (POST OX)	1614	8/17/2007 3:33:00 PM	8/17/2007
07080745-05A	VSP-1-081707 (INF)	314	8/17/2007 3:48:00 PM	8/17/2007

Aerotech Environmental Laboratories

Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07080745

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix. See additional comments.
D2 Sample required dilution due to high concentration of target analyte.
E3 Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirement.
L1 The associated blank spike recovery was above laboratory acceptance limits.
V1 CCV recovery was above method acceptance limits. This target analyte was not detected in

the sample.

D1 Method TO15 Modified (Gasoline Hydrocarbons in Air) - Additional Comments
Sample required dilution due to interference from a non-target analyte.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-081707 (EFF)
Lab Order:	07080745	**Tag Number:**	1621
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:10:00 PM
Lab ID:	07080745-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/21/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/21/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,3-Butadiene	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/21/2007
2-Butanone (MEK)	1.4	1.0		ppbv	1	8/21/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/21/2007
2-Propanol	2.0	2.0	L1V1	ppbv	1	8/21/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/21/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/21/2007
Acetone	19	5.0	L1V1	ppbv	1	8/21/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Benzene	2.3	0.50		ppbv	1	8/21/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	8/21/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/21/2007
Bromoform	< 0.50	0.50		ppbv	1	8/21/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/21/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/21/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/21/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
Chloroethane	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Chloroform	< 0.50	0.50		ppbv	1	8/21/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-081707 (EFF)
Lab Order:	07080745	**Tag Number:**	1621
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:10:00 PM
Lab ID:	07080745-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/21/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/21/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/21/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
Heptane	< 0.50	0.50		ppbv	1	8/21/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/21/2007
Hexane	< 0.50	0.50		ppbv	1	8/21/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/21/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/21/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/21/2007
o-Xylene	0.54	0.50		ppbv	1	8/21/2007
Propene (Propylene)	5.9	0.50		ppbv	1	8/21/2007
Styrene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	8/21/2007
Toluene	1.2	0.50		ppbv	1	8/21/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007
Trichloroethene	6.1	0.50		ppbv	1	8/21/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/21/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/21/2007
Vinyl acetate	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Surr: 4-Bromofluorobenzene	93.4	70-130		%REC	1	8/21/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/19/2007
Surr: 4-Bromofluorobenzene	104	70-130		%REC	1	8/19/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-081707 (EFF) D
Lab Order:	07080745	**Tag Number:**	1620
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:20:00 PM
Lab ID:	07080745-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/21/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/21/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,3-Butadiene	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/21/2007
2-Butanone (MEK)	6.8	1.0		ppbv	1	8/21/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/21/2007
2-Propanol	4.6	2.0	L1V1	ppbv	1	8/21/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/21/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/21/2007
Acetone	30	5.0	L1V1	ppbv	1	8/21/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Benzene	0.67	0.50		ppbv	1	8/21/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	8/21/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/21/2007
Bromoform	< 0.50	0.50		ppbv	1	8/21/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/21/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/21/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/21/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
Chloroethane	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Chloroform	< 0.50	0.50		ppbv	1	8/21/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-081707 (EFF) D
Lab Order:	07080745	**Tag Number:**	1620
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:20:00 PM
Lab ID:	07080745-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/21/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/21/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/21/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
Heptane	< 0.50	0.50		ppbv	1	8/21/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/21/2007
Hexane	< 0.50	0.50		ppbv	1	8/21/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/21/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/21/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/21/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/21/2007
Propene (Propylene)	7.6	0.50		ppbv	1	8/21/2007
Styrene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	8/21/2007
Toluene	0.76	0.50		ppbv	1	8/21/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007
Trichloroethene	1.7	0.50		ppbv	1	8/21/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/21/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/21/2007
Vinyl acetate	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Surr: 4-Bromofluorobenzene	79.0	70-130		%REC	1	8/21/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/19/2007
Surr: 4-Bromofluorobenzene	84.1	70-130		%REC	1	8/19/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-081707 (MIDCAR)
Lab Order:	07080745	**Tag Number:**	1625
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:25:00 PM
Lab ID:	07080745-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/21/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/21/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,3-Butadiene	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/21/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/21/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/21/2007
2-Propanol	< 2.0	2.0	L1V1	ppbv	1	8/21/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/21/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/21/2007
Acetone	26	5.0	L1V1	ppbv	1	8/21/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Benzene	1.7	0.50		ppbv	1	8/21/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	8/21/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/21/2007
Bromoform	< 0.50	0.50		ppbv	1	8/21/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/21/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/21/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/21/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
Chloroethane	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Chloroform	< 0.50	0.50		ppbv	1	8/21/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-081707 (MIDCAR)
Lab Order:	07080745	**Tag Number:**	1625
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:25:00 PM
Lab ID:	07080745-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/21/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/21/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/21/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
Heptane	< 0.50	0.50		ppbv	1	8/21/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/21/2007
Hexane	< 0.50	0.50		ppbv	1	8/21/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/21/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/21/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/21/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/21/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	8/21/2007
Styrene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	8/21/2007
Toluene	0.77	0.50		ppbv	1	8/21/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/21/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/21/2007
Vinyl acetate	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Surr: 4-Bromofluorobenzene	89.8	70-130		%REC	1	8/21/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 1000	1000	D1	µg/m³	2	8/19/2007
Surr: 4-Bromofluorobenzene	84.0	70-130		%REC	2	8/19/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-081707 (POST OX)
Lab Order:	07080745	**Tag Number:**	1614
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:33:00 PM
Lab ID:	07080745-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/21/2007
1,2,4-Trimethylbenzene	0.50	0.50		ppbv	1	8/21/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/21/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/21/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,3-Butadiene	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/21/2007
2-Butanone (MEK)	5.2	1.0		ppbv	1	8/21/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/21/2007
2-Propanol	< 2.0	2.0	L1V1	ppbv	1	8/21/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/21/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/21/2007
Acetone	40	5.0	L1V1	ppbv	1	8/21/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Benzene	12	0.50		ppbv	1	8/21/2007
Benzyl chloride	< 2.0	2.0	L1V1	ppbv	1	8/21/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/21/2007
Bromoform	< 0.50	0.50		ppbv	1	8/21/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/21/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/21/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/21/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/21/2007
Chloroethane	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Chloroform	< 0.50	0.50		ppbv	1	8/21/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-081707 (POST OX)
Lab Order:	07080745	**Tag Number:**	1614
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:33:00 PM
Lab ID:	07080745-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/21/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/21/2007
Dichlorodifluoromethane(F-12)	0.51	0.50		ppbv	1	8/21/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/21/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/21/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/21/2007
Heptane	1.8	0.50		ppbv	1	8/21/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/21/2007
Hexane	< 0.50	0.50		ppbv	1	8/21/2007
m&p-Xylene	1.1	1.0		ppbv	1	8/21/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/21/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/21/2007
o-Xylene	0.69	0.50		ppbv	1	8/21/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	8/21/2007
Styrene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/21/2007
Tetrahydrofuran	3.3	2.0		ppbv	1	8/21/2007
Toluene	1.5	0.50		ppbv	1	8/21/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/21/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/21/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/21/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/21/2007
Vinyl acetate	< 0.50	0.50	L1V1	ppbv	1	8/21/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/21/2007
Surr: 4-Bromofluorobenzene	85.7	70-130		%REC	1	8/21/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 1000	1000	D1	µg/m³	2	8/19/2007
Surr: 4-Bromofluorobenzene	90.4	70-130		%REC	2	8/19/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-081707 (INF)
Lab Order:	07080745	**Tag Number:**	314
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:48:00 PM
Lab ID:	07080745-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 100000	100000		ppbv	200000	8/21/2007
1,1,2,2-Tetrachloroethane	< 100000	100000		ppbv	200000	8/21/2007
1,1,2-Trichloroethane	< 100000	100000		ppbv	200000	8/21/2007
1,1-Dichloroethane	< 100000	100000		ppbv	200000	8/21/2007
1,1-Dichloroethene	< 100000	100000		ppbv	200000	8/21/2007
1,2,4-Trichlorobenzene	< 400000	400000		ppbv	200000	8/21/2007
1,2,4-Trimethylbenzene	130000	100000	D2	ppbv	200000	8/21/2007
1,2-Dibromoethane	< 100000	100000		ppbv	200000	8/21/2007
1,2-Dichlorobenzene	< 100000	100000		ppbv	200000	8/21/2007
1,2-Dichloroethane	< 100000	100000		ppbv	200000	8/21/2007
1,2-Dichloropropane	< 100000	100000		ppbv	200000	8/21/2007
1,3,5-Trimethylbenzene	< 100000	100000		ppbv	200000	8/21/2007
1,3-Butadiene	< 100000	100000	L1V1	ppbv	200000	8/21/2007
1,3-Dichlorobenzene	< 100000	100000		ppbv	200000	8/21/2007
1,4-Dichlorobenzene	< 100000	100000		ppbv	200000	8/21/2007
2,2,4-Trimethylpentane	14000000	100000	D2E3	ppbv	200000	8/21/2007
2-Butanone (MEK)	< 200000	200000		ppbv	200000	8/21/2007
2-Hexanone	< 200000	200000		ppbv	200000	8/21/2007
2-Propanol	< 400000	400000	L1V1	ppbv	200000	8/21/2007
4-Ethyltoluene	< 100000	100000		ppbv	200000	8/21/2007
4-Methyl-2-pentanone	< 200000	200000		ppbv	200000	8/21/2007
Acetone	< 1000000	1000000	L1V1	ppbv	200000	8/21/2007
Allyl chloride	< 100000	100000		ppbv	200000	8/21/2007
Benzene	4000000	100000	D2	ppbv	200000	8/21/2007
Benzyl chloride	< 400000	400000	L1V1	ppbv	200000	8/21/2007
Bromodichloromethane	< 100000	100000		ppbv	200000	8/21/2007
Bromoethene(Vinyl Bromide)	< 100000	100000		ppbv	200000	8/21/2007
Bromoform	< 100000	100000		ppbv	200000	8/21/2007
Bromomethane	< 100000	100000		ppbv	200000	8/21/2007
Carbon disulfide	< 100000	100000		ppbv	200000	8/21/2007
Carbon tetrachloride	< 100000	100000		ppbv	200000	8/21/2007
Chlorobenzene	< 100000	100000		ppbv	200000	8/21/2007
Chloroethane	< 100000	100000	L1V1	ppbv	200000	8/21/2007
Chloroform	< 100000	100000		ppbv	200000	8/21/2007
Chloromethane	< 100000	100000		ppbv	200000	8/21/2007
cis-1,2-Dichloroethene	< 100000	100000		ppbv	200000	8/21/2007
cis-1,3-Dichloropropene	< 100000	100000		ppbv	200000	8/21/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *23-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-081707 (INF)
Lab Order:	07080745	**Tag Number:**	314
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/17/2007 3:48:00 PM
Lab ID:	07080745-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	5400000	100000	D2	ppbv	200000	8/21/2007
Dibromochloromethane	< 100000	100000		ppbv	200000	8/21/2007
Dichlorodifluoromethane(F-12)	< 100000	100000		ppbv	200000	8/21/2007
Dichlorotetrafluoroethane(F-114)	< 100000	100000		ppbv	200000	8/21/2007
Ethyl Acetate	< 100000	100000		ppbv	200000	8/21/2007
Ethylbenzene	670000	100000	D2	ppbv	200000	8/21/2007
Heptane	3600000	100000	D2	ppbv	200000	8/21/2007
Hexachlorobutadiene	< 200000	200000		ppbv	200000	8/21/2007
Hexane	6400000	100000	D2	ppbv	200000	8/21/2007
m&p-Xylene	1900000	200000	D2	ppbv	200000	8/21/2007
Methyl tert-butyl ether	17000000	200000	D2E3	ppbv	200000	8/21/2007
Methylene chloride	< 100000	100000		ppbv	200000	8/21/2007
o-Xylene	620000	100000	D2	ppbv	200000	8/21/2007
Propene (Propylene)	< 100000	100000		ppbv	200000	8/21/2007
Styrene	< 100000	100000		ppbv	200000	8/21/2007
Tetrachloroethene	< 100000	100000		ppbv	200000	8/21/2007
Tetrahydrofuran	< 400000	400000		ppbv	200000	8/21/2007
Toluene	8700000	100000	D2	ppbv	200000	8/21/2007
trans-1,2-Dichloroethene	< 100000	100000		ppbv	200000	8/21/2007
trans-1,3-Dichloropropene	< 100000	100000		ppbv	200000	8/21/2007
Trichloroethene	< 100000	100000		ppbv	200000	8/21/2007
Trichlorofluoromethane(F-11)	< 100000	100000		ppbv	200000	8/21/2007
Trichlorotrifluoroethane(F-113)	< 100000	100000		ppbv	200000	8/21/2007
Vinyl acetate	< 100000	100000	L1V1	ppbv	200000	8/21/2007
Vinyl chloride	< 100000	100000		ppbv	200000	8/21/2007
Surr: 4-Bromofluorobenzene	86.6	70-130		%REC	200000	8/21/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	990000000	100000000	D2	µg/m³	200000	8/19/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	200000	8/19/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

23-Aug-07

Lab Order: 07080745
Client: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07080745-01A	VSP-4-081707 (EFF)	8/17/2007 3:10:00 PM	Air	Gasoline Hydrocarbons in Air			8/19/2007
				Volatile Organics in Air			8/21/2007
07080745-02A	VSP-4-081707 (EFF) D	8/17/2007 3:20:00 PM		Gasoline Hydrocarbons in Air			8/19/2007
				Volatile Organics in Air			8/21/2007
07080745-03A	VSP-3-081707 (MIDCAR)	8/17/2007 3:25:00 PM		Gasoline Hydrocarbons in Air			8/19/2007
				Volatile Organics in Air			8/21/2007
07080745-04A	VSP-2-081707 (POST OX)	8/17/2007 3:33:00 PM		Gasoline Hydrocarbons in Air			8/19/2007
				Volatile Organics in Air			8/21/2007
07080745-05A	VSP-1-081707 (INF)	8/17/2007 3:48:00 PM		Gasoline Hydrocarbons in Air			8/19/2007
				Volatile Organics in Air			8/21/2007

Aerotech Environmental Laboratories

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Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90287** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									V1
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									V1
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									V1
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									V1

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90287** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									V1
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90287** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									V1
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.450	0.50	10	0	94.5	70	130				

Sample ID: **LCS-R90287** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.530	0.50	10	0	95.3	65	135				
1,1,2,2-Tetrachloroethane	10.53	0.50	10	0	105	65	135				
1,1,2-Trichloroethane	9.870	0.50	10	0	98.7	65	135				
1,1-Dichloroethane	10.71	0.50	10	0	107	65	135				
1,1-Dichloroethene	9.930	0.50	10	0	99.3	65	135				
1,2,4-Trichlorobenzene	8.860	2.0	10	0	88.6	65	135				
1,2,4-Trimethylbenzene	9.630	0.50	10	0	96.3	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90287** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	9.710	0.50	10	0	97.1	65	135				
1,2-Dichlorobenzene	8.780	0.50	10	0	87.8	65	135				
1,2-Dichloroethane	9.940	0.50	10	0	99.4	65	135				
1,2-Dichloropropane	11.09	0.50	10	0	111	65	135				
1,3,5-Trimethylbenzene	9.570	0.50	10	0	95.7	65	135				
1,3-Butadiene	13.10	0.50	10	0	131	65	135				
1,3-Dichlorobenzene	8.930	0.50	10	0	89.3	65	135				
1,4-Dichlorobenzene	8.980	0.50	10	0	89.8	65	135				
2,2,4-Trimethylpentane	11.48	0.50	10	0	115	65	135				
2-Butanone (MEK)	10.79	1.0	10	0	108	65	135				
2-Hexanone	11.80	1.0	10	0	118	65	135				
2-Propanol	12.99	2.0	10	0	130	65	135				
4-Ethyltoluene	9.550	0.50	10	0	95.5	65	135				
4-Methyl-2-pentanone	12.29	1.0	10	0	123	65	135				
Acetone	13.14	5.0	10	0	131	65	135				
Allyl chloride	10.78	0.50	10	0	108	65	135				
Benzene	10.24	0.50	10	0	102	65	135				
Benzyl chloride	17.92	2.0	10	0	179	65	135				L1
Bromodichloromethane	10.44	0.50	10	0	104	65	135				
Bromoethene(Vinyl Bromide)	12.58	0.50	10	0	126	65	135				
Bromoform	9.700	0.50	10	0	97.0	65	135				
Bromomethane	11.67	0.50	10	0	117	65	135				
Carbon disulfide	10.96	0.50	10	0	110	65	135				
Carbon tetrachloride	9.960	0.50	10	0	99.6	65	135				
Chlorobenzene	9.790	0.50	10	0	97.9	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90287** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	12.42	0.50	10	0	124	65	135				
Chloroform	9.740	0.50	10	0	97.4	65	135				
Chloromethane	12.58	0.50	10	0	126	65	135				
cis-1,2-Dichloroethene	9.940	0.50	10	0	99.4	65	135				
cis-1,3-Dichloropropene	10.57	0.50	10	0	106	65	135				
Cyclohexane	11.08	0.50	10	0	111	65	135				
Dibromochloromethane	9.790	0.50	10	0	97.9	65	135				
Dichlorodifluoromethane(F-12)	9.970	0.50	10	0	99.7	65	135				
Dichlorotetrafluoroethane(F-114)	11.29	0.50	10	0	113	65	135				
Ethyl Acetate	12.28	0.50	10	0	123	65	135				
Ethylbenzene	9.910	0.50	10	0	99.1	65	135				
Heptane	11.80	0.50	10	0	118	65	135				
Hexachlorobutadiene	8.770	1.0	10	0	87.7	65	135				
Hexane	11.50	0.50	10	0	115	65	135				
m&p-Xylene	20.12	1.0	20	0	101	65	135				
Methyl tert-butyl ether	9.960	1.0	10	0	99.6	65	135				
Methylene chloride	11.45	0.50	10	0	114	65	135				
o-Xylene	10.24	0.50	10	0	102	65	135				
Propene (Propylene)	11.55	0.50	10	0	116	65	135				
Styrene	9.820	0.50	10	0	98.2	65	135				
Tetrachloroethene	8.230	0.50	10	0	82.3	65	135				
Tetrahydrofuran	11.57	2.0	10	0	116	65	135				
Toluene	10.03	0.50	10	0	100	65	135				
trans-1,2-Dichloroethene	10.02	0.50	10	0	100	65	135				
trans-1,3-Dichloropropene	11.04	0.50	10	0	110	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90287** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.150	0.50	10	0	91.5	65	135				
Trichlorofluoromethane(F-11)	11.65	0.50	10	0	116	65	135				
Trichlorotrifluoroethane(F-113)	10.21	0.50	10	0	102	65	135				
Vinyl acetate	14.31	0.50	10	0	143	65	135				L1
Vinyl chloride	12.18	0.50	10	0	122	65	135				
Surr: 4-Bromofluorobenzene	10.00	0.50	10	0	100	70	130				

Sample ID: **LCSD-R90287** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069230**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.810	0.50	10	0	98.1	65	135	9.530	2.90	25	
1,1,2,2-Tetrachloroethane	10.84	0.50	10	0	108	65	135	10.53	2.90	25	
1,1,2-Trichloroethane	10.30	0.50	10	0	103	65	135	9.870	4.26	25	
1,1-Dichloroethane	11.17	0.50	10	0	112	65	135	10.71	4.20	25	
1,1-Dichloroethene	10.28	0.50	10	0	103	65	135	9.930	3.46	25	
1,2,4-Trichlorobenzene	9.110	2.0	10	0	91.1	65	135	8.860	2.78	25	
1,2,4-Trimethylbenzene	9.950	0.50	10	0	99.5	65	135	9.630	3.27	25	
1,2-Dibromoethane	10.10	0.50	10	0	101	65	135	9.710	3.94	25	
1,2-Dichlorobenzene	9.040	0.50	10	0	90.4	65	135	8.780	2.92	25	
1,2-Dichloroethane	10.33	0.50	10	0	103	65	135	9.940	3.85	25	
1,2-Dichloropropane	11.47	0.50	10	0	115	65	135	11.09	3.37	25	
1,3,5-Trimethylbenzene	9.920	0.50	10	0	99.2	65	135	9.570	3.59	25	
1,3-Butadiene	13.69	0.50	10	0	137	65	135	13.10	4.40	25	L1
1,3-Dichlorobenzene	9.300	0.50	10	0	93.0	65	135	8.930	4.06	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90287** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069230**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	9.240	0.50	10	0	92.4	65	135	8.980	2.85	25	
2,2,4-Trimethylpentane	11.82	0.50	10	0	118	65	135	11.48	2.92	25	
2-Butanone (MEK)	11.48	1.0	10	0	115	65	135	10.79	6.20	25	
2-Hexanone	12.39	1.0	10	0	124	65	135	11.80	4.88	25	
2-Propanol	13.85	2.0	10	0	139	65	135	12.99	6.41	25	L1
4-Ethyltoluene	9.900	0.50	10	0	99.0	65	135	9.550	3.60	25	
4-Methyl-2-pentanone	12.66	1.0	10	0	127	65	135	12.29	2.97	25	
Acetone	13.88	5.0	10	0	139	65	135	13.14	5.48	25	L1
Allyl chloride	11.23	0.50	10	0	112	65	135	10.78	4.09	25	
Benzene	10.61	0.50	10	0	106	65	135	10.24	3.55	25	
Benzyl chloride	18.62	2.0	10	0	186	65	135	17.92	3.83	25	L1
Bromodichloromethane	10.81	0.50	10	0	108	65	135	10.44	3.48	25	
Bromoethene(Vinyl Bromide)	13.24	0.50	10	0	132	65	135	12.58	5.11	25	
Bromoform	9.970	0.50	10	0	99.7	65	135	9.700	2.75	25	
Bromomethane	12.43	0.50	10	0	124	65	135	11.67	6.31	25	
Carbon disulfide	11.42	0.50	10	0	114	65	135	10.96	4.11	25	
Carbon tetrachloride	10.24	0.50	10	0	102	65	135	9.960	2.77	25	
Chlorobenzene	10.09	0.50	10	0	101	65	135	9.790	3.02	25	
Chloroethane	13.55	0.50	10	0	136	65	135	12.42	8.70	25	L1
Chloroform	10.00	0.50	10	0	100	65	135	9.740	2.63	25	
Chloromethane	13.15	0.50	10	0	132	65	135	12.58	4.43	25	
cis-1,2-Dichloroethene	10.34	0.50	10	0	103	65	135	9.940	3.94	25	
cis-1,3-Dichloropropene	10.99	0.50	10	0	110	65	135	10.57	3.90	25	
Cyclohexane	11.49	0.50	10	0	115	65	135	11.08	3.63	25	
Dibromochloromethane	9.960	0.50	10	0	99.6	65	135	9.790	1.72	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90287** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90287**
Client ID: Batch ID: **R90287** TestNo: **TO15** Analysis Date: **8/20/2007** SeqNo: **1069230**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	10.32	0.50	10	0	103	65	135	9.970	3.45	25	
Dichlorotetrafluoroethane(F-114)	11.83	0.50	10	0	118	65	135	11.29	4.67	25	
Ethyl Acetate	12.99	0.50	10	0	130	65	135	12.28	5.62	25	
Ethylbenzene	10.39	0.50	10	0	104	65	135	9.910	4.73	25	
Heptane	12.10	0.50	10	0	121	65	135	11.80	2.51	25	
Hexachlorobutadiene	8.340	1.0	10	0	83.4	65	135	8.770	5.03	25	
Hexane	11.95	0.50	10	0	120	65	135	11.50	3.84	25	
m&p-Xylene	20.95	1.0	20	0	105	65	135	20.12	4.04	25	
Methyl tert-butyl ether	10.50	1.0	10	0	105	65	135	9.960	5.28	25	
Methylene chloride	11.83	0.50	10	0	118	65	135	11.45	3.26	25	
o-Xylene	10.56	0.50	10	0	106	65	135	10.24	3.08	25	
Propene (Propylene)	12.05	0.50	10	0	120	65	135	11.55	4.24	25	
Styrene	10.21	0.50	10	0	102	65	135	9.820	3.89	25	
Tetrachloroethene	8.390	0.50	10	0	83.9	65	135	8.230	1.93	25	
Tetrahydrofuran	12.24	2.0	10	0	122	65	135	11.57	5.63	25	
Toluene	10.36	0.50	10	0	104	65	135	10.03	3.24	25	
trans-1,2-Dichloroethene	10.37	0.50	10	0	104	65	135	10.02	3.43	25	
trans-1,3-Dichloropropene	11.37	0.50	10	0	114	65	135	11.04	2.95	25	
Trichloroethene	9.370	0.50	10	0	93.7	65	135	9.150	2.38	25	
Trichlorofluoromethane(F-11)	12.12	0.50	10	0	121	65	135	11.65	3.95	25	
Trichlorotrifluoroethane(F-113)	10.57	0.50	10	0	106	65	135	10.21	3.46	25	
Vinyl acetate	15.10	0.50	10	0	151	65	135	14.31	5.37	25	L1
Vinyl chloride	12.54	0.50	10	0	125	65	135	12.18	2.91	25	
Surr: 4-Bromofluorobenzene	10.01	0.50	10	0	100	70	130	10.00	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *23-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080745
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90238** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90238**
Client ID: Batch ID: **R90238** TestNo: **TO15Modifie** Analysis Date: **8/19/2007** SeqNo: **1068590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	71.53	0	72.3	0	98.9	70	130				

Sample ID: **LCS-R90238** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90238**
Client ID: Batch ID: **R90238** TestNo: **TO15Modifie** Analysis Date: **8/19/2007** SeqNo: **1068596**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2517	500	2500	0	101	60	140				
Surr: 4-Bromofluorobenzene	79.52	0	72.3	0	110	70	130				

Sample ID: **LCSD-R90238** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90238**
Client ID: Batch ID: **R90238** TestNo: **TO15Modifie** Analysis Date: **8/19/2007** SeqNo: **1068599**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2353	500	2500	0	94.1	60	140	2517	6.75	35	
Surr: 4-Bromofluorobenzene	78.98	0	72.3	0	109	70	130	79.52	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:

Laboratory Number: 07-08-0745	Completed By/On: [illegible] 8/17
Client Name: LFR	Date/Time Rec'd: 8/17/07 1740 By: KA
Matrix: Air Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	~~Thermometer~~ ~~IR~~ KA 8/17	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice Not Present

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5 IH sample media: 1 L Entech (KA) 8-20-07

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH		pH of samples upon receipt
Metals	<2	
H_2SO_4	<2	
1664	<2	
Cyanide	>12	
Sulfide	>9	

If pH requires adjustment, list sample number and reagent I.D. number.

Comments:

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07-08-0745

Customer Number:	Page 1 of 1
Customer: LFR	Sampler: RLOK
Address:	Project Name: S. Ivercroft
City, State, Zip:	Project Number: 014-10022-15 /007
Contact:	P.O. Number:
Phone: / Fax:	Fax Results: Y (N)
E-Mail Address: michael.nesk@lfr.com	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No ✓
Total # of Containers: 5

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TPH					
1	1621	6, Q, 0.4	VSP-4-081707(EFF)	8-17-07	15:10	Air			X			X					
2	1620	6, Q, 0.4	VSP-4-081707(EFF)D	↓	15:20	↓			↓			↓					
3	1625	6, Q, 0.4	VSP-3-081707(Mid)	↓	15:25	↓			↓			↓					
4	~~1615~~ ROV 1614	6, Q, 0.4	VSP-2-081707-Bottom	↓	15:33	↓			↓			↓					
5	314	6, Q, 0.4	VSP-1-081707 (INF)	↓	15:49	↓			↓			↓					
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-17-07	17:40	[signature] (Ryan Olson)	[signature]

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0708406

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-151007 Silvercroft
DATE RECEIVED:	08/21/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	08/22/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-081707 (EFF)	Modified TO-15	5.5 "Hg
02A	VSP-4-081707 (EFF) D	Modified TO-15	3.5 "Hg
03A	VSP-3-081707 (Mid Car)	Modified TO-15	3.5 "Hg
04A	VSP-2-081707 (Post ox)	Modified TO-15	6.5 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 08/22/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0708406

Four 6 Liter Summa Canister (100% Certified) samples were received on August 21, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-081707 (EFF)

Lab ID#: 0708406-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.77	0.81	3.8
Ethanol	0.82	2.6	1.5	5.0
Acetone	0.82	3.3	1.9	7.8
2-Butanone (Methyl Ethyl Ketone)	0.16	0.46	0.48	1.3
Benzene	0.16	0.54	0.52	1.7
Toluene	0.16	0.60	0.62	2.3
m,p-Xylene	0.16	0.56	0.71	2.4
o-Xylene	0.16	0.18	0.71	0.77
TPH ref. to Gasoline (MW=100)	3.3	31	13	130

Client Sample ID: VSP-4-081707 (EFF) D

Lab ID#: 0708406-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.72	0.75	3.5
Ethanol	0.76	2.2	1.4	4.1
Acetone	0.76	7.8	1.8	18
2-Butanone (Methyl Ethyl Ketone)	0.15	1.0	0.45	3.1
Benzene	0.15	0.19	0.48	0.62
Toluene	0.15	0.45	0.57	1.7
m,p-Xylene	0.15	0.40	0.66	1.7
TPH ref. to Gasoline (MW=100)	3.0	17	12	70

Client Sample ID: VSP-3-081707 (Mid Car)

Lab ID#: 0708406-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.62	0.75	3.0
Chloromethane	0.15	0.17	0.31	0.36
Ethanol	0.76	3.6	1.4	6.8
Acetone	0.76	5.8	1.8	14
2-Propanol	0.76	0.81	1.9	2.0
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.45	2.0
Benzene	0.15	0.18	0.48	0.57
Toluene	0.15	0.75	0.57	2.8
m,p-Xylene	0.15	0.23	0.66	1.0

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-3-081707 (Mid Car)

Lab ID#: 0708406-03A

TPH ref. to Gasoline (MW=100)	3.0	21	12	86

Client Sample ID: VSP-2-081707 (Post ox)

Lab ID#: 0708406-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	1.0	0.84	5.2
Ethanol	0.86	3.2	1.6	6.1
Acetone	0.86	6.6	2.0	16
2-Propanol	0.86	0.98	2.1	2.4
Carbon Disulfide	0.86	1.3	2.7	3.9
Hexane	0.17	0.21	0.60	0.73
2-Butanone (Methyl Ethyl Ketone)	0.17	2.8	0.50	8.2
Benzene	0.17	1.5	0.55	4.9
Heptane	0.17	0.24	0.70	0.98
Toluene	0.17	0.72	0.64	2.7
m,p-Xylene	0.17	0.33	0.74	1.4
TPH ref. to Gasoline (MW=100)	3.4	53	14	220

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-081707 (EFF)

Lab ID#: 0708406-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082114**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.64**	**Date of Analysis:**	**8/22/07 01:16 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	0.77	0.81	3.8
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	Not Detected	0.34	Not Detected
Vinyl Chloride	0.16	Not Detected	0.42	Not Detected
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.16	Not Detected	0.64	Not Detected
Chloroethane	0.16	Not Detected	0.43	Not Detected
Freon 11	0.16	Not Detected	0.92	Not Detected
Ethanol	0.82	2.6	1.5	5.0
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Acetone	0.82	3.3	1.9	7.8
2-Propanol	0.82	Not Detected	2.0	Not Detected
Carbon Disulfide	0.82	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Hexane	0.16	Not Detected	0.58	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.66	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.46	0.48	1.3
cis-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.80	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Cyclohexane	0.16	Not Detected	0.56	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
Benzene	0.16	0.54	0.52	1.7
1,2-Dichloroethane	0.16	Not Detected	0.66	Not Detected
Heptane	0.16	Not Detected	0.67	Not Detected
Trichloroethene	0.16	Not Detected	0.88	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.76	Not Detected
1,4-Dioxane	0.16	Not Detected	0.59	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.67	Not Detected
Toluene	0.16	0.60	0.62	2.3
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-081707 (EFF)

Lab ID#: 0708406-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082114**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.64**	**Date of Analysis:**	**8/22/07 01:16 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.82	Not Detected	3.4	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.3	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Ethyl Benzene	0.16	Not Detected	0.71	Not Detected
m,p-Xylene	0.16	0.56	0.71	2.4
o-Xylene	0.16	0.18	0.71	0.77
Styrene	0.16	Not Detected	0.70	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.81	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.81	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.81	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.85	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2,4-Trichlorobenzene	0.82	Not Detected	6.1	Not Detected
Hexachlorobutadiene	0.82	Not Detected	8.7	Not Detected
TPH ref. to Gasoline (MW=100)	3.3	31	13	130

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-081707 (EFF) D

Lab ID#: 0708406-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082115**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**8/22/07 01:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.72	0.75	3.5
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	2.2	1.4	4.1
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	7.8	1.8	18
2-Propanol	0.76	Not Detected	1.9	Not Detected
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	1.0	0.45	3.1
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.19	0.48	0.62
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	0.45	0.57	1.7
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-081707 (EFF) D

Lab ID#: 0708406-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082115**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**8/22/07 01:50 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	Not Detected	0.66	Not Detected
m,p-Xylene	0.15	0.40	0.66	1.7
o-Xylene	0.15	Not Detected	0.66	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.75	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	17	12	70

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-081707 (Mid Car)

Lab ID#: 0708406-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082116**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**8/22/07 02:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.62	0.75	3.0
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.17	0.31	0.36
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	3.6	1.4	6.8
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	5.8	1.8	14
2-Propanol	0.76	0.81	1.9	2.0
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.45	2.0
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.18	0.48	0.57
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	0.75	0.57	2.8
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-081707 (Mid Car)

Lab ID#: 0708406-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082116**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**8/22/07 02:26 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	Not Detected	0.66	Not Detected
m,p-Xylene	0.15	0.23	0.66	1.0
o-Xylene	0.15	Not Detected	0.66	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.75	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	21	12	86

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-081707 (Post ox)

Lab ID#: 0708406-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082117**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.71**	**Date of Analysis:**	**8/22/07 03:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.17	1.0	0.84	5.2
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.17	Not Detected	0.35	Not Detected
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
1,3-Butadiene	0.17	Not Detected	0.38	Not Detected
Bromomethane	0.17	Not Detected	0.66	Not Detected
Chloroethane	0.17	Not Detected	0.45	Not Detected
Freon 11	0.17	Not Detected	0.96	Not Detected
Ethanol	0.86	3.2	1.6	6.1
Freon 113	0.17	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Acetone	0.86	6.6	2.0	16
2-Propanol	0.86	0.98	2.1	2.4
Carbon Disulfide	0.86	1.3	2.7	3.9
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.62	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Hexane	0.17	0.21	0.60	0.73
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.17	2.8	0.50	8.2
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
Tetrahydrofuran	0.86	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.83	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Cyclohexane	0.17	Not Detected	0.59	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
Benzene	0.17	1.5	0.55	4.9
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Heptane	0.17	0.24	0.70	0.98
Trichloroethene	0.17	Not Detected	0.92	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.79	Not Detected
1,4-Dioxane	0.17	Not Detected	0.62	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
4-Methyl-2-pentanone	0.17	Not Detected	0.70	Not Detected
Toluene	0.17	0.72	0.64	2.7
trans-1,3-Dichloropropene	0.17	Not Detected	0.78	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Tetrachloroethene	0.17	Not Detected	1.2	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-081707 (Post ox)

Lab ID#: 0708406-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082117**	**Date of Collection:**	**8/17/07**
Dil. Factor:	**1.71**	**Date of Analysis:**	**8/22/07 03:32 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.86	Not Detected	3.5	Not Detected
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.79	Not Detected
Ethyl Benzene	0.17	Not Detected	0.74	Not Detected
m,p-Xylene	0.17	0.33	0.74	1.4
o-Xylene	0.17	Not Detected	0.74	Not Detected
Styrene	0.17	Not Detected	0.73	Not Detected
Bromoform	0.17	Not Detected	1.8	Not Detected
Cumene	0.17	Not Detected	0.84	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
Propylbenzene	0.17	Not Detected	0.84	Not Detected
4-Ethyltoluene	0.17	Not Detected	0.84	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.86	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.86	Not Detected	9.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.4	53	14	220

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0708406-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082109**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/07 08:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0708406-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082109**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/07 08:10 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0708406-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082105**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/07 04:16 PM**

Compound	%Recovery
Freon 12	77
Freon 114	109
Chloromethane	115
Vinyl Chloride	105
1,3-Butadiene	116
Bromomethane	94
Chloroethane	106
Freon 11	107
Ethanol	106
Freon 113	112
1,1-Dichloroethene	118
Acetone	126
2-Propanol	128
Carbon Disulfide	104
Methylene Chloride	116
Methyl tert-butyl ether	115
trans-1,2-Dichloroethene	115
Hexane	89
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	104
cis-1,2-Dichloroethene	105
Tetrahydrofuran	152 Q
Chloroform	99
1,1,1-Trichloroethane	106
Cyclohexane	107
Carbon Tetrachloride	106
Benzene	99
1,2-Dichloroethane	109
Heptane	122
Trichloroethene	106
1,2-Dichloropropane	109
1,4-Dioxane	110
Bromodichloromethane	108
cis-1,3-Dichloropropene	112
4-Methyl-2-pentanone	131 Q
Toluene	102
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	100
Tetrachloroethene	107

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0708406-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/07 04:16 PM**	

Compound	**%Recovery**
2-Hexanone	116
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	102
Chlorobenzene	104
Ethyl Benzene	103
m,p-Xylene	111
o-Xylene	111
Styrene	114
Bromoform	121
Cumene	115
1,1,2,2-Tetrachloroethane	109
Propylbenzene	110
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	114
1,2,4-Trimethylbenzene	117
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	136 Q
1,2-Dichlorobenzene	110
1,2,4-Trichlorobenzene	114
Hexachlorobutadiene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0708406-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/07 05:16 PM**	

Compound	%Recovery
Freon 12	109
Freon 114	111
Chloromethane	132 Q
Vinyl Chloride	110
1,3-Butadiene	116
Bromomethane	97
Chloroethane	107
Freon 11	108
Ethanol	127
Freon 113	127
1,1-Dichloroethene	129
Acetone	136
2-Propanol	138
Carbon Disulfide	105
Methylene Chloride	129
Methyl tert-butyl ether	118
trans-1,2-Dichloroethene	117
Hexane	94
1,1-Dichloroethane	107
2-Butanone (Methyl Ethyl Ketone)	109
cis-1,2-Dichloroethene	107
Tetrahydrofuran	153 Q
Chloroform	101
1,1,1-Trichloroethane	108
Cyclohexane	107
Carbon Tetrachloride	108
Benzene	100
1,2-Dichloroethane	111
Heptane	122
Trichloroethene	107
1,2-Dichloropropane	108
1,4-Dioxane	107
Bromodichloromethane	109
cis-1,3-Dichloropropene	109
4-Methyl-2-pentanone	134
Toluene	107
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	103
Tetrachloroethene	108

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0708406-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g082106**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/07 05:16 PM**	

Compound	**%Recovery**
2-Hexanone	122
Dibromochloromethane	110
1,2-Dibromoethane (EDB)	104
Chlorobenzene	102
Ethyl Benzene	103
m,p-Xylene	107
o-Xylene	110
Styrene	108
Bromoform	117
Cumene	118
1,1,2,2-Tetrachloroethane	106
Propylbenzene	112
4-Ethyltoluene	113
1,3,5-Trimethylbenzene	111
1,2,4-Trimethylbenzene	113
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	105
alpha-Chlorotoluene	137 Q
1,2-Dichlorobenzene	105
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Lynn O'Keefe
Company: LFR Email:
Address: City: State: Zip:
Phone: 480-905 9311 Fax:

Project Info:
P.O. #:
Project #: 014-10022-15/007
Project Name: Silvercroft

Turn Around Time:
☐ Normal
☑ Rush 24 hr
specify

Lab Use Only
Pressurized by: VHR
Date: 8/21/07
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-081707 (EFF)	33903	8-17-07	15:10	TO-15 TPH	-28"	-5	5.5"Hg	5.0 psi
02A	VSP-4-081707 (EFF) D	34731		15:20		-27.5"	-5	3.5"Hg	
03A	VSP-3-081707 (Mid Gr)	34426		15:25		-28.5"	-4	3.5"Hg	
04A	VSP-2-081707 (Post OX)	94608		15:33		-28		6.5"Hg	

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	8-17-07 17:00	Monica Brogan ATL	8/21/07 8:00
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
* Gauge faulty
Ø = -2" Hg

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8612 6200 2684	NA	Good	Yes No None	0708408

Form 1280 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Monday, August 27, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street. Ste.135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: KMEP/Silvercroft/0141002215

Order No.: 07080786

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 8/20/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/0141002215
Lab Order: 07080786

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07080786-01A	VSP4-EFF-082007	1618	8/20/2007 1:30:00 PM	8/20/2007
07080786-02A	VSP3-MIDCAR-082007	1617	8/20/2007 1:33:00 PM	8/20/2007
07080786-03A	VSP3D-MIDCAR-082007	1613	8/20/2007 1:35:00 PM	8/20/2007
07080786-04A	VSP2-POSTOX-082007	1619	8/20/2007 1:38:00 PM	8/20/2007
07080786-05A	VSP1-INF-082007	0703	8/20/2007 1:41:00 PM	8/20/2007

Aerotech Environmental Laboratories

Date: *28-Aug-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/0141002215
Lab Order: 07080786

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix. See additional comments.
D2 Sample required dilution due to high concentration of target analyte.

D1 Method TO15 Additional Comments
Sample required dilution due to interference from a non-target analyte.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4-EFF-082007
Lab Order:	07080786	**Tag Number:**	1618
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:30:00 PM
Lab ID:	07080786-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/24/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/24/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/24/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/24/2007
Acetone	9.3	5.0		ppbv	1	8/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/24/2007
Benzene	< 0.50	0.50		ppbv	1	8/24/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	8/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/24/2007
Bromoform	< 0.50	0.50		ppbv	1	8/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/24/2007
Chloroform	< 0.50	0.50		ppbv	1	8/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4-EFF-082007
Lab Order:	07080786	**Tag Number:**	1618
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:30:00 PM
Lab ID:	07080786-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/24/2007
Dichlorodifluoromethane(F-12)	0.70	0.50		ppbv	1	8/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/24/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
Heptane	< 0.50	0.50		ppbv	1	8/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/24/2007
Hexane	< 0.50	0.50		ppbv	1	8/24/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/24/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/24/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/24/2007
Propene (Propylene)	18	0.50		ppbv	1	8/24/2007
Styrene	< 0.50	0.50		ppbv	1	8/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	8/24/2007
Toluene	1.1	0.50		ppbv	1	8/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/24/2007
Surr: 4-Bromofluorobenzene	96.2	70-130		%REC	1	8/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/23/2007
Surr: 4-Bromofluorobenzene	99.7	70-130		%REC	1	8/23/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3-MIDCAR-082007
Lab Order:	07080786	**Tag Number:**	1617
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:33:00 PM
Lab ID:	07080786-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,1,2,2-Tetrachloroethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,1,2-Trichloroethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,1-Dichloroethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,1-Dichloroethene	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,2,4-Trichlorobenzene	< 4.0	4.0	D1	ppbv	2	8/24/2007
1,2,4-Trimethylbenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,2-Dibromoethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,2-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,2-Dichloroethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,2-Dichloropropane	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,3,5-Trimethylbenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,3-Butadiene	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,3-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
1,4-Dichlorobenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
2,2,4-Trimethylpentane	< 1.0	1.0	D1	ppbv	2	8/24/2007
2-Butanone (MEK)	< 2.0	2.0	D1	ppbv	2	8/24/2007
2-Hexanone	< 2.0	2.0	D1	ppbv	2	8/24/2007
2-Propanol	< 4.0	4.0	D1	ppbv	2	8/24/2007
4-Ethyltoluene	< 1.0	1.0	D1	ppbv	2	8/24/2007
4-Methyl-2-pentanone	< 2.0	2.0	D1	ppbv	2	8/24/2007
Acetone	13	10	D1	ppbv	2	8/24/2007
Allyl chloride	< 1.0	1.0	D1	ppbv	2	8/24/2007
Benzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Benzyl chloride	< 4.0	4.0	D1	ppbv	2	8/24/2007
Bromodichloromethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
Bromoethene(Vinyl Bromide)	< 1.0	1.0	D1	ppbv	2	8/24/2007
Bromoform	< 1.0	1.0	D1	ppbv	2	8/24/2007
Bromomethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
Carbon disulfide	< 1.0	1.0	D1	ppbv	2	8/24/2007
Carbon tetrachloride	< 1.0	1.0	D1	ppbv	2	8/24/2007
Chlorobenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Chloroethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
Chloroform	< 1.0	1.0	D1	ppbv	2	8/24/2007
Chloromethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
cis-1,2-Dichloroethene	< 1.0	1.0	D1	ppbv	2	8/24/2007
cis-1,3-Dichloropropene	< 1.0	1.0	D1	ppbv	2	8/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3-MIDCAR-082007
Lab Order:	07080786	**Tag Number:**	1617
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:33:00 PM
Lab ID:	07080786-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 1.0	1.0	D1	ppbv	2	8/24/2007
Dibromochloromethane	< 1.0	1.0	D1	ppbv	2	8/24/2007
Dichlorodifluoromethane(F-12)	1.7	1.0	D1	ppbv	2	8/24/2007
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	D1	ppbv	2	8/24/2007
Ethyl Acetate	< 1.0	1.0	D1	ppbv	2	8/24/2007
Ethylbenzene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Heptane	< 1.0	1.0	D1	ppbv	2	8/24/2007
Hexachlorobutadiene	< 2.0	2.0	D1	ppbv	2	8/24/2007
Hexane	< 1.0	1.0	D1	ppbv	2	8/24/2007
m&p-Xylene	< 2.0	2.0	D1	ppbv	2	8/24/2007
Methyl tert-butyl ether	< 2.0	2.0	D1	ppbv	2	8/24/2007
Methylene chloride	< 1.0	1.0	D1	ppbv	2	8/24/2007
o-Xylene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Propene (Propylene)	< 1.0	1.0	D1	ppbv	2	8/24/2007
Styrene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Tetrachloroethene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Tetrahydrofuran	< 4.0	4.0	D1	ppbv	2	8/24/2007
Toluene	< 1.0	1.0	D1	ppbv	2	8/24/2007
trans-1,2-Dichloroethene	< 1.0	1.0	D1	ppbv	2	8/24/2007
trans-1,3-Dichloropropene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Trichloroethene	< 1.0	1.0	D1	ppbv	2	8/24/2007
Trichlorofluoromethane(F-11)	< 1.0	1.0	D1	ppbv	2	8/24/2007
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	D1	ppbv	2	8/24/2007
Vinyl acetate	< 1.0	1.0	D1	ppbv	2	8/24/2007
Vinyl chloride	< 1.0	1.0	D1	ppbv	2	8/24/2007
Surr: 4-Bromofluorobenzene	80.9	70-130		%REC	2	8/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/23/2007
Surr: 4-Bromofluorobenzene	89.1	70-130		%REC	1	8/23/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3D-MIDCAR-082007
Lab Order:	07080786	**Tag Number:**	1613
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:35:00 PM
Lab ID:	07080786-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/24/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/24/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/24/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/24/2007
Acetone	13	5.0		ppbv	1	8/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/24/2007
Benzene	< 0.50	0.50		ppbv	1	8/24/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	8/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/24/2007
Bromoform	< 0.50	0.50		ppbv	1	8/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/24/2007
Chloroform	< 0.50	0.50		ppbv	1	8/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3D-MIDCAR-082007
Lab Order:	07080786	**Tag Number:**	1613
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:35:00 PM
Lab ID:	07080786-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/24/2007
Dichlorodifluoromethane(F-12)	0.84	0.50		ppbv	1	8/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/24/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
Heptane	< 0.50	0.50		ppbv	1	8/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/24/2007
Hexane	< 0.50	0.50		ppbv	1	8/24/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/24/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/24/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/24/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	8/24/2007
Styrene	< 0.50	0.50		ppbv	1	8/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	8/24/2007
Toluene	0.66	0.50		ppbv	1	8/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/24/2007
Surr: 4-Bromofluorobenzene	96.1	70-130		%REC	1	8/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/23/2007
Surr: 4-Bromofluorobenzene	95.2	70-130		%REC	1	8/23/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP2-POSTOX-082007
Lab Order:	07080786	**Tag Number:**	1619
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:38:00 PM
Lab ID:	07080786-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
1,2,4-Trichlorobenzene	< 2.0	2.0		ppbv	1	8/24/2007
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	8/24/2007
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	8/24/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,3-Butadiene	< 0.50	0.50		ppbv	1	8/24/2007
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	8/24/2007
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	8/24/2007
2-Hexanone	< 1.0	1.0		ppbv	1	8/24/2007
2-Propanol	< 2.0	2.0		ppbv	1	8/24/2007
4-Ethyltoluene	< 0.50	0.50		ppbv	1	8/24/2007
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	8/24/2007
Acetone	14	5.0		ppbv	1	8/24/2007
Allyl chloride	< 0.50	0.50		ppbv	1	8/24/2007
Benzene	< 0.50	0.50		ppbv	1	8/24/2007
Benzyl chloride	< 2.0	2.0		ppbv	1	8/24/2007
Bromodichloromethane	< 0.50	0.50		ppbv	1	8/24/2007
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	8/24/2007
Bromoform	< 0.50	0.50		ppbv	1	8/24/2007
Bromomethane	< 0.50	0.50		ppbv	1	8/24/2007
Carbon disulfide	< 0.50	0.50		ppbv	1	8/24/2007
Carbon tetrachloride	< 0.50	0.50		ppbv	1	8/24/2007
Chlorobenzene	< 0.50	0.50		ppbv	1	8/24/2007
Chloroethane	< 0.50	0.50		ppbv	1	8/24/2007
Chloroform	< 0.50	0.50		ppbv	1	8/24/2007
Chloromethane	< 0.50	0.50		ppbv	1	8/24/2007
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP2-POSTOX-082007
Lab Order:	07080786	**Tag Number:**	1619
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:38:00 PM
Lab ID:	07080786-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	< 0.50	0.50		ppbv	1	8/24/2007
Dibromochloromethane	< 0.50	0.50		ppbv	1	8/24/2007
Dichlorodifluoromethane(F-12)	0.69	0.50		ppbv	1	8/24/2007
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	8/24/2007
Ethyl Acetate	< 0.50	0.50		ppbv	1	8/24/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/24/2007
Heptane	< 0.50	0.50		ppbv	1	8/24/2007
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	8/24/2007
Hexane	< 0.50	0.50		ppbv	1	8/24/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/24/2007
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	8/24/2007
Methylene chloride	< 0.50	0.50		ppbv	1	8/24/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/24/2007
Propene (Propylene)	< 0.50	0.50		ppbv	1	8/24/2007
Styrene	< 0.50	0.50		ppbv	1	8/24/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/24/2007
Tetrahydrofuran	< 2.0	2.0		ppbv	1	8/24/2007
Toluene	1.4	0.50		ppbv	1	8/24/2007
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	8/24/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/24/2007
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	8/24/2007
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	8/24/2007
Vinyl acetate	< 0.50	0.50		ppbv	1	8/24/2007
Vinyl chloride	< 0.50	0.50		ppbv	1	8/24/2007
Surr: 4-Bromofluorobenzene	87.7	70-130		%REC	1	8/24/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/23/2007
Surr: 4-Bromofluorobenzene	85.9	70-130		%REC	1	8/23/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP1-INF-082007
Lab Order:	07080786	**Tag Number:**	0703
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:41:00 PM
Lab ID:	07080786-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,1,1-Trichloroethane	< 120000	120000		ppbv	250000	8/25/2007
1,1,2,2-Tetrachloroethane	< 120000	120000		ppbv	250000	8/25/2007
1,1,2-Trichloroethane	< 120000	120000		ppbv	250000	8/25/2007
1,1-Dichloroethane	< 120000	120000		ppbv	250000	8/25/2007
1,1-Dichloroethene	< 120000	120000		ppbv	250000	8/25/2007
1,2,4-Trichlorobenzene	< 500000	500000		ppbv	250000	8/25/2007
1,2,4-Trimethylbenzene	220000	120000	D2	ppbv	250000	8/25/2007
1,2-Dibromoethane	< 120000	120000		ppbv	250000	8/25/2007
1,2-Dichlorobenzene	< 120000	120000		ppbv	250000	8/25/2007
1,2-Dichloroethane	< 120000	120000		ppbv	250000	8/25/2007
1,2-Dichloropropane	< 120000	120000		ppbv	250000	8/25/2007
1,3,5-Trimethylbenzene	< 120000	120000		ppbv	250000	8/25/2007
1,3-Butadiene	< 120000	120000		ppbv	250000	8/25/2007
1,3-Dichlorobenzene	< 120000	120000		ppbv	250000	8/25/2007
1,4-Dichlorobenzene	< 120000	120000		ppbv	250000	8/25/2007
2,2,4-Trimethylpentane	6500000	120000	D2	ppbv	250000	8/25/2007
2-Butanone (MEK)	< 250000	250000		ppbv	250000	8/25/2007
2-Hexanone	< 250000	250000		ppbv	250000	8/25/2007
2-Propanol	< 500000	500000		ppbv	250000	8/25/2007
4-Ethyltoluene	220000	120000	D2	ppbv	250000	8/25/2007
4-Methyl-2-pentanone	< 250000	250000		ppbv	250000	8/25/2007
Acetone	< 1200000	1200000		ppbv	250000	8/25/2007
Allyl chloride	< 120000	120000		ppbv	250000	8/25/2007
Benzene	1800000	120000	D2	ppbv	250000	8/25/2007
Benzyl chloride	< 500000	500000		ppbv	250000	8/25/2007
Bromodichloromethane	< 120000	120000		ppbv	250000	8/25/2007
Bromoethene(Vinyl Bromide)	< 120000	120000		ppbv	250000	8/25/2007
Bromoform	< 120000	120000		ppbv	250000	8/25/2007
Bromomethane	< 120000	120000		ppbv	250000	8/25/2007
Carbon disulfide	< 120000	120000		ppbv	250000	8/25/2007
Carbon tetrachloride	< 120000	120000		ppbv	250000	8/25/2007
Chlorobenzene	< 120000	120000		ppbv	250000	8/25/2007
Chloroethane	< 120000	120000		ppbv	250000	8/25/2007
Chloroform	< 120000	120000		ppbv	250000	8/25/2007
Chloromethane	< 120000	120000		ppbv	250000	8/25/2007
cis-1,2-Dichloroethene	< 120000	120000		ppbv	250000	8/25/2007
cis-1,3-Dichloropropene	< 120000	120000		ppbv	250000	8/25/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *27-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP1-INF-082007
Lab Order:	07080786	**Tag Number:**	0703
Project:	KMEP/Silvercroft/0141002215	**Collection Date:**	8/20/2007 1:41:00 PM
Lab ID:	07080786-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
Cyclohexane	2200000	120000	D2	ppbv	250000	8/25/2007
Dibromochloromethane	< 120000	120000		ppbv	250000	8/25/2007
Dichlorodifluoromethane(F-12)	< 120000	120000		ppbv	250000	8/25/2007
Dichlorotetrafluoroethane(F-114)	< 120000	120000		ppbv	250000	8/25/2007
Ethyl Acetate	< 120000	120000		ppbv	250000	8/25/2007
Ethylbenzene	540000	120000	D2	ppbv	250000	8/25/2007
Heptane	1400000	120000	D2	ppbv	250000	8/25/2007
Hexachlorobutadiene	< 250000	250000		ppbv	250000	8/25/2007
Hexane	2500000	120000	D2	ppbv	250000	8/25/2007
m&p-Xylene	1700000	250000	D2	ppbv	250000	8/25/2007
Methyl tert-butyl ether	8700000	250000	D2	ppbv	250000	8/25/2007
Methylene chloride	< 120000	120000		ppbv	250000	8/25/2007
o-Xylene	520000	120000	D2	ppbv	250000	8/25/2007
Propene (Propylene)	< 120000	120000		ppbv	250000	8/25/2007
Styrene	< 120000	120000		ppbv	250000	8/25/2007
Tetrachloroethene	< 120000	120000		ppbv	250000	8/25/2007
Tetrahydrofuran	< 500000	500000		ppbv	250000	8/25/2007
Toluene	5400000	120000	D2	ppbv	250000	8/25/2007
trans-1,2-Dichloroethene	< 120000	120000		ppbv	250000	8/25/2007
trans-1,3-Dichloropropene	< 120000	120000		ppbv	250000	8/25/2007
Trichloroethene	< 120000	120000		ppbv	250000	8/25/2007
Trichlorofluoromethane(F-11)	< 120000	120000		ppbv	250000	8/25/2007
Trichlorotrifluoroethane(F-113)	< 120000	120000		ppbv	250000	8/25/2007
Vinyl acetate	< 120000	120000		ppbv	250000	8/25/2007
Vinyl chloride	< 120000	120000		ppbv	250000	8/25/2007
Surr: 4-Bromofluorobenzene	89.1	70-130		%REC	250000	8/25/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	530000000	120000000	D2	µg/m³	250000	8/24/2007
Surr: 4-Bromofluorobenzene	97.3	70-130		%REC	250000	8/24/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

27-Aug-07

Lab Order: 07080786
Client: LFR - Levine Fricke
Project: KMEP/Silvercroft/0141002215

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07080786-01A	VSP4-EFF-082007	8/20/2007 1:30:00 PM	Air	Gasoline Hydrocarbons in Air			8/23/2007
				Volatile Organics in Air			8/24/2007
07080786-02A	VSP3-MIDCAR-082007	8/20/2007 1:33:00 PM		Gasoline Hydrocarbons in Air			8/23/2007
				Volatile Organics in Air			8/24/2007
07080786-03A	VSP3D-MIDCAR-082007	8/20/2007 1:35:00 PM		Gasoline Hydrocarbons in Air			8/23/2007
				Volatile Organics in Air			8/24/2007
07080786-04A	VSP2-POSTOX-082007	8/20/2007 1:38:00 PM		Gasoline Hydrocarbons in Air			8/23/2007
				Volatile Organics in Air			8/24/2007
07080786-05A	VSP1-INF-082007	8/20/2007 1:41:00 PM		Gasoline Hydrocarbons in Air			8/24/2007
				Volatile Organics in Air			8/25/2007

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90447** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070988**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90447** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070988**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90447** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070988**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.580	0.50	10	0	95.8	70	130				

Sample ID: **MB-R90455** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071063**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90455** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071063**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90455** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071063**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90455** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071063**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.190	0.50	10	0	91.9	70	130				

Sample ID: **LCS-R90447** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	11.02	0.50	10	0	110	65	135				
1,1,2,2-Tetrachloroethane	10.23	0.50	10	0	102	65	135				
1,1,2-Trichloroethane	10.38	0.50	10	0	104	65	135				
1,1-Dichloroethane	11.15	0.50	10	0	112	65	135				
1,1-Dichloroethene	10.61	0.50	10	0	106	65	135				
1,2,4-Trichlorobenzene	9.280	2.0	10	0	92.8	65	135				
1,2,4-Trimethylbenzene	10.67	0.50	10	0	107	65	135				
1,2-Dibromoethane	10.40	0.50	10	0	104	65	135				
1,2-Dichlorobenzene	9.960	0.50	10	0	99.6	65	135				
1,2-Dichloroethane	10.94	0.50	10	0	109	65	135				
1,2-Dichloropropane	10.66	0.50	10	0	107	65	135				
1,3,5-Trimethylbenzene	10.79	0.50	10	0	108	65	135				
1,3-Butadiene	10.62	0.50	10	0	106	65	135				
1,3-Dichlorobenzene	10.17	0.50	10	0	102	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90447** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	10.12	0.50	10	0	101	65	135				
2,2,4-Trimethylpentane	11.16	0.50	10	0	112	65	135				
2-Butanone (MEK)	10.62	1.0	10	0	106	65	135				
2-Hexanone	10.28	1.0	10	0	103	65	135				
2-Propanol	10.69	2.0	10	0	107	65	135				
4-Ethyltoluene	10.74	0.50	10	0	107	65	135				
4-Methyl-2-pentanone	10.46	1.0	10	0	105	65	135				
Acetone	9.800	5.0	10	0	98.0	65	135				
Allyl chloride	11.04	0.50	10	0	110	65	135				
Benzene	11.33	0.50	10	0	113	65	135				
Benzyl chloride	9.430	2.0	10	0	94.3	65	135				
Bromodichloromethane	10.73	0.50	10	0	107	65	135				
Bromoethene(Vinyl Bromide)	10.53	0.50	10	0	105	65	135				
Bromoform	10.34	0.50	10	0	103	65	135				
Bromomethane	10.67	0.50	10	0	107	65	135				
Carbon disulfide	10.55	0.50	10	0	106	65	135				
Carbon tetrachloride	11.05	0.50	10	0	110	65	135				
Chlorobenzene	10.22	0.50	10	0	102	65	135				
Chloroethane	10.77	0.50	10	0	108	65	135				
Chloroform	10.85	0.50	10	0	108	65	135				
Chloromethane	10.80	0.50	10	0	108	65	135				
cis-1,2-Dichloroethene	11.20	0.50	10	0	112	65	135				
cis-1,3-Dichloropropene	11.17	0.50	10	0	112	65	135				
Cyclohexane	11.71	0.50	10	0	117	65	135				
Dibromochloromethane	10.54	0.50	10	0	105	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90447** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	10.50	0.50	10	0	105	65	135				
Dichlorotetrafluoroethane(F-114)	10.76	0.50	10	0	108	65	135				
Ethyl Acetate	11.03	0.50	10	0	110	65	135				
Ethylbenzene	10.75	0.50	10	0	108	65	135				
Heptane	10.83	0.50	10	0	108	65	135				
Hexachlorobutadiene	9.480	1.0	10	0	94.8	65	135				
Hexane	11.93	0.50	10	0	119	65	135				
m&p-Xylene	21.63	1.0	20	0	108	65	135				
Methyl tert-butyl ether	10.54	1.0	10	0	105	65	135				
Methylene chloride	10.74	0.50	10	0	107	65	135				
o-Xylene	10.81	0.50	10	0	108	65	135				
Propene (Propylene)	10.68	0.50	10	0	107	65	135				
Styrene	10.90	0.50	10	0	109	65	135				
Tetrachloroethene	10.29	0.50	10	0	103	65	135				
Tetrahydrofuran	10.91	2.0	10	0	109	65	135				
Toluene	11.11	0.50	10	0	111	65	135				
trans-1,2-Dichloroethene	10.70	0.50	10	0	107	65	135				
trans-1,3-Dichloropropene	10.86	0.50	10	0	109	65	135				
Trichloroethene	10.47	0.50	10	0	105	65	135				
Trichlorofluoromethane(F-11)	10.77	0.50	10	0	108	65	135				
Trichlorotrifluoroethane(F-113)	10.78	0.50	10	0	108	65	135				
Vinyl acetate	11.25	0.50	10	0	112	65	135				
Vinyl chloride	10.43	0.50	10	0	104	65	135				
Surr: 4-Bromofluorobenzene	10.07	0.50	10	0	101	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90455** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.91	0.50	10	0	109	65	135				
1,1,2,2-Tetrachloroethane	10.09	0.50	10	0	101	65	135				
1,1,2-Trichloroethane	10.34	0.50	10	0	103	65	135				
1,1-Dichloroethane	10.79	0.50	10	0	108	65	135				
1,1-Dichloroethene	10.50	0.50	10	0	105	65	135				
1,2,4-Trichlorobenzene	9.740	2.0	10	0	97.4	65	135				
1,2,4-Trimethylbenzene	10.73	0.50	10	0	107	65	135				
1,2-Dibromoethane	10.38	0.50	10	0	104	65	135				
1,2-Dichlorobenzene	10.06	0.50	10	0	101	65	135				
1,2-Dichloroethane	10.65	0.50	10	0	106	65	135				
1,2-Dichloropropane	10.50	0.50	10	0	105	65	135				
1,3,5-Trimethylbenzene	10.59	0.50	10	0	106	65	135				
1,3-Butadiene	10.30	0.50	10	0	103	65	135				
1,3-Dichlorobenzene	10.20	0.50	10	0	102	65	135				
1,4-Dichlorobenzene	10.11	0.50	10	0	101	65	135				
2,2,4-Trimethylpentane	10.84	0.50	10	0	108	65	135				
2-Butanone (MEK)	10.22	1.0	10	0	102	65	135				
2-Hexanone	9.560	1.0	10	0	95.6	65	135				
2-Propanol	10.61	2.0	10	0	106	65	135				
4-Ethyltoluene	10.68	0.50	10	0	107	65	135				
4-Methyl-2-pentanone	10.00	1.0	10	0	100	65	135				
Acetone	9.640	5.0	10	0	96.4	65	135				
Allyl chloride	10.82	0.50	10	0	108	65	135				
Benzene	11.21	0.50	10	0	112	65	135				
Benzyl chloride	9.590	2.0	10	0	95.9	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90455** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	10.46	0.50	10	0	105	65	135				
Bromoethene(Vinyl Bromide)	10.55	0.50	10	0	106	65	135				
Bromoform	10.28	0.50	10	0	103	65	135				
Bromomethane	10.57	0.50	10	0	106	65	135				
Carbon disulfide	10.50	0.50	10	0	105	65	135				
Carbon tetrachloride	10.89	0.50	10	0	109	65	135				
Chlorobenzene	10.25	0.50	10	0	103	65	135				
Chloroethane	10.60	0.50	10	0	106	65	135				
Chloroform	10.62	0.50	10	0	106	65	135				
Chloromethane	10.58	0.50	10	0	106	65	135				
cis-1,2-Dichloroethene	11.17	0.50	10	0	112	65	135				
cis-1,3-Dichloropropene	10.89	0.50	10	0	109	65	135				
Cyclohexane	11.42	0.50	10	0	114	65	135				
Dibromochloromethane	10.43	0.50	10	0	104	65	135				
Dichlorodifluoromethane(F-12)	10.45	0.50	10	0	104	65	135				
Dichlorotetrafluoroethane(F-114)	10.69	0.50	10	0	107	65	135				
Ethyl Acetate	10.71	0.50	10	0	107	65	135				
Ethylbenzene	10.70	0.50	10	0	107	65	135				
Heptane	10.27	0.50	10	0	103	65	135				
Hexachlorobutadiene	10.53	1.0	10	0	105	65	135				
Hexane	11.51	0.50	10	0	115	65	135				
m&p-Xylene	21.49	1.0	20	0	107	65	135				
Methyl tert-butyl ether	10.86	1.0	10	0	109	65	135				
Methylene chloride	10.26	0.50	10	0	103	65	135				
o-Xylene	10.55	0.50	10	0	106	65	135				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCS-R90455** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Propene (Propylene)	10.20	0.50	10	0	102	65	135				
Styrene	10.85	0.50	10	0	108	65	135				
Tetrachloroethene	10.39	0.50	10	0	104	65	135				
Tetrahydrofuran	10.46	2.0	10	0	105	65	135				
Toluene	11.03	0.50	10	0	110	65	135				
trans-1,2-Dichloroethene	10.76	0.50	10	0	108	65	135				
trans-1,3-Dichloropropene	10.75	0.50	10	0	108	65	135				
Trichloroethene	10.37	0.50	10	0	104	65	135				
Trichlorofluoromethane(F-11)	10.58	0.50	10	0	106	65	135				
Trichlorotrifluoroethane(F-113)	10.74	0.50	10	0	107	65	135				
Vinyl acetate	10.81	0.50	10	0	108	65	135				
Vinyl chloride	10.37	0.50	10	0	104	65	135				
Surr: 4-Bromofluorobenzene	9.700	0.50	10	0	97.0	70	130				

Sample ID: **LCSD-R90447** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.04	0.50	10	0	100	65	135	11.02	9.31	25	
1,1,2,2-Tetrachloroethane	9.830	0.50	10	0	98.3	65	135	10.23	3.99	25	
1,1,2-Trichloroethane	9.530	0.50	10	0	95.3	65	135	10.38	8.54	25	
1,1-Dichloroethane	10.25	0.50	10	0	103	65	135	11.15	8.41	25	
1,1-Dichloroethene	9.840	0.50	10	0	98.4	65	135	10.61	7.53	25	
1,2,4-Trichlorobenzene	8.920	2.0	10	0	89.2	65	135	9.280	3.96	25	
1,2,4-Trimethylbenzene	10.27	0.50	10	0	103	65	135	10.67	3.82	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90447** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	9.580	0.50	10	0	95.8	65	135	10.40	8.21	25	
1,2-Dichlorobenzene	9.620	0.50	10	0	96.2	65	135	9.960	3.47	25	
1,2-Dichloroethane	10.06	0.50	10	0	101	65	135	10.94	8.38	25	
1,2-Dichloropropane	9.770	0.50	10	0	97.7	65	135	10.66	8.71	25	
1,3,5-Trimethylbenzene	10.28	0.50	10	0	103	65	135	10.79	4.84	25	
1,3-Butadiene	9.750	0.50	10	0	97.5	65	135	10.62	8.54	25	
1,3-Dichlorobenzene	9.810	0.50	10	0	98.1	65	135	10.17	3.60	25	
1,4-Dichlorobenzene	9.760	0.50	10	0	97.6	65	135	10.12	3.62	25	
2,2,4-Trimethylpentane	10.21	0.50	10	0	102	65	135	11.16	8.89	25	
2-Butanone (MEK)	9.800	1.0	10	0	98.0	65	135	10.62	8.03	25	
2-Hexanone	9.830	1.0	10	0	98.3	65	135	10.28	4.48	25	
2-Propanol	10.19	2.0	10	0	102	65	135	10.69	4.79	25	
4-Ethyltoluene	10.35	0.50	10	0	104	65	135	10.74	3.70	25	
4-Methyl-2-pentanone	9.850	1.0	10	0	98.5	65	135	10.46	6.01	25	
Acetone	8.890	5.0	10	0	88.9	65	135	9.800	9.74	25	
Allyl chloride	10.31	0.50	10	0	103	65	135	11.04	6.84	25	
Benzene	10.39	0.50	10	0	104	65	135	11.33	8.66	25	
Benzyl chloride	9.240	2.0	10	0	92.4	65	135	9.430	2.04	25	
Bromodichloromethane	9.780	0.50	10	0	97.8	65	135	10.73	9.26	25	
Bromoethene(Vinyl Bromide)	9.730	0.50	10	0	97.3	65	135	10.53	7.90	25	
Bromoform	9.920	0.50	10	0	99.2	65	135	10.34	4.15	25	
Bromomethane	9.710	0.50	10	0	97.1	65	135	10.67	9.42	25	
Carbon disulfide	9.730	0.50	10	0	97.3	65	135	10.55	8.09	25	
Carbon tetrachloride	10.05	0.50	10	0	100	65	135	11.05	9.48	25	
Chlorobenzene	9.840	0.50	10	0	98.4	65	135	10.22	3.79	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90447** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	9.830	0.50	10	0	98.3	65	135	10.77	9.13	25	
Chloroform	9.960	0.50	10	0	99.6	65	135	10.85	8.55	25	
Chloromethane	9.770	0.50	10	0	97.7	65	135	10.80	10.0	25	
cis-1,2-Dichloroethene	10.37	0.50	10	0	104	65	135	11.20	7.70	25	
cis-1,3-Dichloropropene	10.35	0.50	10	0	104	65	135	11.17	7.62	25	
Cyclohexane	10.74	0.50	10	0	107	65	135	11.71	8.64	25	
Dibromochloromethane	9.560	0.50	10	0	95.6	65	135	10.54	9.75	25	
Dichlorodifluoromethane(F-12)	9.610	0.50	10	0	96.1	65	135	10.50	8.85	25	
Dichlorotetrafluoroethane(F-114)	9.890	0.50	10	0	98.9	65	135	10.76	8.43	25	
Ethyl Acetate	10.13	0.50	10	0	101	65	135	11.03	8.51	25	
Ethylbenzene	10.31	0.50	10	0	103	65	135	10.75	4.18	25	
Heptane	9.890	0.50	10	0	98.9	65	135	10.83	9.07	25	
Hexachlorobutadiene	9.160	1.0	10	0	91.6	65	135	9.480	3.43	25	
Hexane	10.80	0.50	10	0	108	65	135	11.93	9.94	25	
m&p-Xylene	20.74	1.0	20	0	104	65	135	21.63	4.20	25	
Methyl tert-butyl ether	10.03	1.0	10	0	100	65	135	10.54	4.96	25	
Methylene chloride	9.830	0.50	10	0	98.3	65	135	10.74	8.85	25	
o-Xylene	10.28	0.50	10	0	103	65	135	10.81	5.03	25	
Propene (Propylene)	9.850	0.50	10	0	98.5	65	135	10.68	8.09	25	
Styrene	10.56	0.50	10	0	106	65	135	10.90	3.17	25	
Tetrachloroethene	9.370	0.50	10	0	93.7	65	135	10.29	9.36	25	
Tetrahydrofuran	10.00	2.0	10	0	100	65	135	10.91	8.70	25	
Toluene	10.16	0.50	10	0	102	65	135	11.11	8.93	25	
trans-1,2-Dichloroethene	10.03	0.50	10	0	100	65	135	10.70	6.46	25	
trans-1,3-Dichloropropene	9.830	0.50	10	0	98.3	65	135	10.86	9.96	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90447** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90447**
Client ID: Batch ID: **R90447** TestNo: **TO15** Analysis Date: **8/24/2007** SeqNo: **1070990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	9.460	0.50	10	0	94.6	65	135	10.47	10.1	25	
Trichlorofluoromethane(F-11)	9.860	0.50	10	0	98.6	65	135	10.77	8.82	25	
Trichlorotrifluoroethane(F-113)	9.900	0.50	10	0	99.0	65	135	10.78	8.51	25	
Vinyl acetate	10.48	0.50	10	0	105	65	135	11.25	7.09	25	
Vinyl chloride	9.680	0.50	10	0	96.8	65	135	10.43	7.46	25	
Surr: 4-Bromofluorobenzene	9.550	0.50	10	0	95.5	70	130	10.07	0	0	

Sample ID: **LCSD-R90455** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.79	0.50	10	0	108	65	135	10.91	1.11	25	
1,1,2,2-Tetrachloroethane	9.940	0.50	10	0	99.4	65	135	10.09	1.50	25	
1,1,2-Trichloroethane	10.31	0.50	10	0	103	65	135	10.34	0.291	25	
1,1-Dichloroethane	10.68	0.50	10	0	107	65	135	10.79	1.02	25	
1,1-Dichloroethene	10.36	0.50	10	0	104	65	135	10.50	1.34	25	
1,2,4-Trichlorobenzene	9.350	2.0	10	0	93.5	65	135	9.740	4.09	25	
1,2,4-Trimethylbenzene	10.43	0.50	10	0	104	65	135	10.73	2.84	25	
1,2-Dibromoethane	10.29	0.50	10	0	103	65	135	10.38	0.871	25	
1,2-Dichlorobenzene	9.990	0.50	10	0	99.9	65	135	10.06	0.698	25	
1,2-Dichloroethane	10.44	0.50	10	0	104	65	135	10.65	1.99	25	
1,2-Dichloropropane	10.32	0.50	10	0	103	65	135	10.50	1.73	25	
1,3,5-Trimethylbenzene	10.40	0.50	10	0	104	65	135	10.59	1.81	25	
1,3-Butadiene	10.01	0.50	10	0	100	65	135	10.30	2.86	25	
1,3-Dichlorobenzene	10.03	0.50	10	0	100	65	135	10.20	1.68	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90455** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	10.12	0.50	10	0	101	65	135	10.11	0.0989	25	
2,2,4-Trimethylpentane	10.70	0.50	10	0	107	65	135	10.84	1.30	25	
2-Butanone (MEK)	10.45	1.0	10	0	104	65	135	10.22	2.23	25	
2-Hexanone	9.890	1.0	10	0	98.9	65	135	9.560	3.39	25	
2-Propanol	10.54	2.0	10	0	105	65	135	10.61	0.662	25	
4-Ethyltoluene	10.54	0.50	10	0	105	65	135	10.68	1.32	25	
4-Methyl-2-pentanone	9.980	1.0	10	0	99.8	65	135	10.00	0.200	25	
Acetone	8.870	5.0	10	0	88.7	65	135	9.640	8.32	25	
Allyl chloride	10.92	0.50	10	0	109	65	135	10.82	0.920	25	
Benzene	11.05	0.50	10	0	110	65	135	11.21	1.44	25	
Benzyl chloride	9.780	2.0	10	0	97.8	65	135	9.590	1.96	25	
Bromodichloromethane	10.31	0.50	10	0	103	65	135	10.46	1.44	25	
Bromoethene(Vinyl Bromide)	10.34	0.50	10	0	103	65	135	10.55	2.01	25	
Bromoform	10.16	0.50	10	0	102	65	135	10.28	1.17	25	
Bromomethane	10.34	0.50	10	0	103	65	135	10.57	2.20	25	
Carbon disulfide	10.30	0.50	10	0	103	65	135	10.50	1.92	25	
Carbon tetrachloride	10.74	0.50	10	0	107	65	135	10.89	1.39	25	
Chlorobenzene	9.970	0.50	10	0	99.7	65	135	10.25	2.77	25	
Chloroethane	10.20	0.50	10	0	102	65	135	10.60	3.85	25	
Chloroform	10.43	0.50	10	0	104	65	135	10.62	1.81	25	
Chloromethane	10.23	0.50	10	0	102	65	135	10.58	3.36	25	
cis-1,2-Dichloroethene	10.98	0.50	10	0	110	65	135	11.17	1.72	25	
cis-1,3-Dichloropropene	10.80	0.50	10	0	108	65	135	10.89	0.830	25	
Cyclohexane	11.17	0.50	10	0	112	65	135	11.42	2.21	25	
Dibromochloromethane	10.41	0.50	10	0	104	65	135	10.43	0.192	25	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90455** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90455**
Client ID: Batch ID: **R90455** TestNo: **TO15** Analysis Date: **8/25/2007** SeqNo: **1071255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane(F-12)	10.29	0.50	10	0	103	65	135	10.45	1.54	25	
Dichlorotetrafluoroethane(F-114)	10.54	0.50	10	0	105	65	135	10.69	1.41	25	
Ethyl Acetate	10.61	0.50	10	0	106	65	135	10.71	0.938	25	
Ethylbenzene	10.56	0.50	10	0	106	65	135	10.70	1.32	25	
Heptane	10.14	0.50	10	0	101	65	135	10.27	1.27	25	
Hexachlorobutadiene	9.500	1.0	10	0	95.0	65	135	10.53	10.3	25	
Hexane	11.32	0.50	10	0	113	65	135	11.51	1.66	25	
m&p-Xylene	20.55	1.0	20	0	103	65	135	21.49	4.47	25	
Methyl tert-butyl ether	10.88	1.0	10	0	109	65	135	10.86	0.184	25	
Methylene chloride	10.12	0.50	10	0	101	65	135	10.26	1.37	25	
o-Xylene	10.38	0.50	10	0	104	65	135	10.55	1.62	25	
Propene (Propylene)	10.25	0.50	10	0	103	65	135	10.20	0.489	25	
Styrene	10.73	0.50	10	0	107	65	135	10.85	1.11	25	
Tetrachloroethene	10.17	0.50	10	0	102	65	135	10.39	2.14	25	
Tetrahydrofuran	10.42	2.0	10	0	104	65	135	10.46	0.383	25	
Toluene	10.82	0.50	10	0	108	65	135	11.03	1.92	25	
trans-1,2-Dichloroethene	10.79	0.50	10	0	108	65	135	10.76	0.278	25	
trans-1,3-Dichloropropene	10.52	0.50	10	0	105	65	135	10.75	2.16	25	
Trichloroethene	10.24	0.50	10	0	102	65	135	10.37	1.26	25	
Trichlorofluoromethane(F-11)	10.37	0.50	10	0	104	65	135	10.58	2.00	25	
Trichlorotrifluoroethane(F-113)	10.57	0.50	10	0	106	65	135	10.74	1.60	25	
Vinyl acetate	10.89	0.50	10	0	109	65	135	10.81	0.737	25	
Vinyl chloride	10.10	0.50	10	0	101	65	135	10.37	2.64	25	
Surr: 4-Bromofluorobenzene	9.620	0.50	10	0	96.2	70	130	9.700	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *27-Aug-07*

CLIENT: LFR - Levine Fricke
Work Order: 07080786
Project: KMEP/Silvercroft/0141002215

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90433** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90433**
Client ID: Batch ID: **R90433** TestNo: **TO15Modifie** Analysis Date: **8/23/2007** SeqNo: **1070849**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	71.02	0	72.3	0	98.2	70	130				

Sample ID: **LCS-R90433** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90433**
Client ID: Batch ID: **R90433** TestNo: **TO15Modifie** Analysis Date: **8/23/2007** SeqNo: **1070860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2414	500	2500	0	96.6	60	140				
Surr: 4-Bromofluorobenzene	74.21	0	72.3	0	103	70	130				

Sample ID: **LCSD-R90433** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90433**
Client ID: Batch ID: **R90433** TestNo: **TO15Modifie** Analysis Date: **8/23/2007** SeqNo: **1070861**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2600	500	2500	0	104	60	140	2414	7.40	35	
Surr: 4-Bromofluorobenzene	73.66	0	72.3	0	102	70	130	74.21	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By: 8/20

Laboratory Number: 07-08-0786	Completed By/On: [illegible]
Client Name: LFR	Date/Time Rec'd: 8/20/07 1630 By: PF
Matrix: Air Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Sean

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice Not Present

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5 IH sample media: 1L Eutech 8-21-07

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
-General	5										
-HNO3											
-H2SO4											
-HCl											
-Na2S2O3											
NaOH											
Sulfide											
Na Sulfite											
MCAA											
Methanol											
-HAA											
Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
SO_4	<2		
S4	<2		
Cyanide	>12		
Sulfide	>9		

Comments:

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07180786

Customer Number:	**Page** 1 **of** 1
Customer: LFR	**Sampler:** Sean
Address: 14201 N 87th St Suite 135	**Project Name:** Kaiser Hillcroft
City, State, Zip: Scottsdale, AZ 85260	**Project Number:** 01416022.15
Contact: Sean Couny	**P.O. Number:**
Phone: 480 905 9311 **Fax:**	**Fax Results:** Y (N)
E-Mail Address: sean.couny@lfr.com	**E-Mail Results:** (Y) N

Sample Receipt

Temperature [illegible] °C
Custody Seals: Yes____ No ✓
Custody Seals Intact: Yes____ No [illegible]
Total # of Containers:____

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15							
	~~[illegible]~~	~~6, 1, 0.4~~	~~[illegible]~~	~~8/20/07~~														
1	1618	6, (1) 0.4	VSP4_EFF_082007	8/20/07	1330					X								
2	1617	6, (1) 0.4	VSP3_MIDCAR_082007		1333													
3	1613	6, (1) 0.4	VSP3D_MIDCAR_082007		1335													
4	1619	6, (1) 0.4	VSP2_POSTOX_082007		1338													
5	0703	6, (1) 0.4	VSP1_INF_082007		1341													
		6, 1, 0.4																
		6, 1, 0.4																
		6, 1, 0.4																
		6, 1, 0.4																

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8/20/07	1630	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

Aerotech Environmental Laboratories

Analytical Report

Date: *29-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4_EFF_082407
Lab Order:	07080974	**Tag Number:**	1622
Project:	KMEP/Silvercroft/014-10022-15 007	**Collection Date:**	8/24/2007 8:45:00 AM
Lab ID:	07080974-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
Benzene	0.64	0.50		ppbv	1	8/28/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
m&p-Xylene	1.1	1.0		ppbv	1	8/28/2007
o-Xylene	0.54	0.50		ppbv	1	8/28/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/28/2007
Toluene	2.1	0.50		ppbv	1	8/28/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/28/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/28/2007
Surr: 4-Bromofluorobenzene	113	70-130		%REC	1	8/28/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

PRELIMINARY

Aerotech Environmental Laboratories

Analytical Report

Date: *29-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4D_EFF_082407
Lab Order:	07080974	**Tag Number:**	1624
Project:	KMEP/Silvercroft/014-10022-15 007	**Collection Date:**	8/24/2007 8:50:00 AM
Lab ID:	07080974-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.61	0.50		ppbv	1	8/28/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
Benzene	0.87	0.50		ppbv	1	8/28/2007
Ethylbenzene	0.73	0.50		ppbv	1	8/28/2007
m&p-Xylene	2.4	1.0		ppbv	1	8/28/2007
o-Xylene	0.92	0.50		ppbv	1	8/28/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/28/2007
Toluene	3.3	0.50		ppbv	1	8/28/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/28/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/28/2007
Surr: 4-Bromofluorobenzene	95.4	70-130		%REC	1	8/28/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

PRELIMINARY

Aerotech Environmental Laboratories

Analytical Report

Date: *29-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3_MIDCAR_082407
Lab Order:	07080974	**Tag Number:**	1615
Project:	KMEP/Silvercroft/014-10022-15 007	**Collection Date:**	8/24/2007 8:55:00 AM
Lab ID:	07080974-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
Benzene	0.55	0.50		ppbv	1	8/28/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/28/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/28/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/28/2007
Toluene	1.5	0.50		ppbv	1	8/28/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/28/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/28/2007
Surr: 4-Bromofluorobenzene	90.4	70-130		%REC	1	8/28/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

PRELIMINARY

Aerotech Environmental Laboratories

Analytical Report

Date: *29-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP2_POSTOX_082407
Lab Order:	07080974	**Tag Number:**	1611
Project:	KMEP/Silvercroft/014-10022-15 007	**Collection Date:**	8/24/2007 9:00:00 AM
Lab ID:	07080974-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.50	0.50		ppbv	1	8/28/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/28/2007
Benzene	1.3	0.50		ppbv	1	8/28/2007
Ethylbenzene	0.59	0.50		ppbv	1	8/28/2007
m&p-Xylene	2.1	1.0		ppbv	1	8/28/2007
o-Xylene	0.76	0.50		ppbv	1	8/28/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/28/2007
Toluene	3.2	0.50		ppbv	1	8/28/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/28/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/28/2007
Surr: 4-Bromofluorobenzene	88.9	70-130		%REC	1	8/28/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

PRELIMINARY

Aerotech Environmental Laboratories

Analytical Report

Date: *29-Aug-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP1_INF_082407
Lab Order:	07080974	**Tag Number:**	0308
Project:	KMEP/Silvercroft/014-10022-15 007	**Collection Date:**	8/24/2007 9:05:00 AM
Lab ID:	07080974-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 120000	120000		ppbv	250000	8/29/2007
1,3,5-Trimethylbenzene	< 120000	120000		ppbv	250000	8/29/2007
Benzene	2300000	120000	D2	ppbv	250000	8/29/2007
Ethylbenzene	490000	120000	D2	ppbv	250000	8/29/2007
m&p-Xylene	1400000	250000	D2	ppbv	250000	8/29/2007
o-Xylene	410000	120000	D2	ppbv	250000	8/29/2007
Tetrachloroethene	< 120000	120000		ppbv	250000	8/29/2007
Toluene	6200000	120000	D2	ppbv	250000	8/29/2007
Trichloroethene	210000	120000	D2	ppbv	250000	8/29/2007
Surr: 4-Bromofluorobenzene	91.6	70-130		%REC	250000	8/29/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	320000000	120000000	D2	µg/m³	250000	8/29/2007
Surr: 4-Bromofluorobenzene	92.7	70-130		%REC	250000	8/29/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

PRELIMINARY

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0708500

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007
DATE RECEIVED:	08/27/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	08/28/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP.4-EFF-82407	Modified TO-15	2.5 "Hg
02A	VSP4D-EFF-82407	Modified TO-15	3.0 "Hg
03A	VSP3-Midcar-82407	Modified TO-15	3.0 "Hg
04A	VSP2-PostOx-82407	Modified TO-15	2.5 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 08/28/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0708500

Four 6 Liter Summa Canister (100% Certified) samples were received on August 27, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP.4-EFF-82407

Lab ID#: 0708500-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.5	0.72	7.6
Ethanol	0.73	4.0	1.4	7.6
Acetone	0.73	12	1.7	28
2-Butanone (Methyl Ethyl Ketone)	0.15	1.1	0.43	3.3
Benzene	0.15	0.26	0.47	0.84
Toluene	0.15	0.52	0.55	1.9
m,p-Xylene	0.15	0.41	0.63	1.8
o-Xylene	0.15	0.16	0.63	0.68
1,2,4-Trimethylbenzene	0.15	0.15	0.72	0.72
TPH ref. to Gasoline (MW=100)	2.9	53	12	220

Client Sample ID: VSP4D-EFF-82407

Lab ID#: 0708500-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.2	0.74	5.9
Ethanol	0.74	2.7	1.4	5.1
Acetone	0.74	2.6	1.8	6.1
2-Butanone (Methyl Ethyl Ketone)	0.15	0.25	0.44	0.74
Benzene	0.15	0.19	0.48	0.61
Toluene	0.15	0.48	0.56	1.8
m,p-Xylene	0.15	0.45	0.65	2.0
1,2,4-Trimethylbenzene	0.15	0.16	0.73	0.77
TPH ref. to Gasoline (MW=100)	3.0	40	12	160

Client Sample ID: VSP3-Midcar-82407

Lab ID#: 0708500-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.1	0.74	5.5
Ethanol	0.74	3.0	1.4	5.6
Acetone	0.74	3.0	1.8	7.2
2-Butanone (Methyl Ethyl Ketone)	0.15	0.34	0.44	1.0
Benzene	0.15	0.26	0.48	0.84
Toluene	0.15	0.49	0.56	1.8
m,p-Xylene	0.15	0.34	0.65	1.5

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP3-Midcar-82407

Lab ID#: 0708500-03A

TPH ref. to Gasoline (MW=100)	3.0	44	12	180

Client Sample ID: VSP2-PostOx-82407

Lab ID#: 0708500-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.72	6.2
Ethanol	0.73	1.9	1.4	3.6
Acetone	0.73	3.8	1.7	9.1
Methyl tert-butyl ether	0.15	0.46	0.53	1.7
Hexane	0.15	0.16	0.51	0.58
2-Butanone (Methyl Ethyl Ketone)	0.15	1.1	0.43	3.3
Benzene	0.15	0.50	0.47	1.6
Toluene	0.15	0.65	0.55	2.4
Tetrachloroethene	0.15	0.41	0.99	2.8
m,p-Xylene	0.15	0.25	0.63	1.1
TPH ref. to Gasoline (MW=100)	2.9	31	12	130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP.4-EFF-82407

Lab ID#: 0708500-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082717**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/27/07 07:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.5	0.72	7.6
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	4.0	1.4	7.6
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	12	1.7	28
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	1.1	0.43	3.3
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.26	0.47	0.84
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.52	0.55	1.9
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP.4-EFF-82407

Lab ID#: 0708500-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082717**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/27/07 07:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	Not Detected	0.63	Not Detected
m,p-Xylene	0.15	0.41	0.63	1.8
o-Xylene	0.15	0.16	0.63	0.68
Styrene	0.15	Not Detected	0.62	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.72	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.72	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	0.15	0.72	0.72
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	53	12	220

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP4D-EFF-82407

Lab ID#: 0708500-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082718**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**8/27/07 08:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.2	0.74	5.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	2.7	1.4	5.1
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	2.6	1.8	6.1
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.25	0.44	0.74
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.19	0.48	0.61
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.48	0.56	1.8
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP4D-EFF-82407

Lab ID#: 0708500-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082718**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**8/27/07 08:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.45	0.65	2.0
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.73	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	0.16	0.73	0.77
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	40	12	160

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP3-Midcar-82407

Lab ID#: 0708500-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082719**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**8/27/07 08:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.1	0.74	5.5
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	3.0	1.4	5.6
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	3.0	1.8	7.2
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.34	0.44	1.0
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.26	0.48	0.84
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.49	0.56	1.8
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP3-Midcar-82407

Lab ID#: 0708500-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082719**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**8/27/07 08:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	0.34	0.65	1.5
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.73	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	44	12	180

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	91	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP2-PostOx-82407

Lab ID#: 0708500-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082720**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/27/07 09:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.72	6.2
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.9	1.4	3.6
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	3.8	1.7	9.1
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	0.46	0.53	1.7
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	0.16	0.51	0.58
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	1.1	0.43	3.3
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.50	0.47	1.6
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.65	0.55	2.4
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	0.41	0.99	2.8

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP2-PostOx-82407

Lab ID#: 0708500-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082720**	**Date of Collection:**	**8/24/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**8/27/07 09:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	Not Detected	0.63	Not Detected
m,p-Xylene	0.15	0.25	0.63	1.1
o-Xylene	0.15	Not Detected	0.63	Not Detected
Styrene	0.15	Not Detected	0.62	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.72	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.72	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.72	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	31	12	130

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0708500-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/27/07 11:57 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0708500-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/27/07 11:57 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0708500-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082702**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/27/07 08:57 AM**

Compound	%Recovery
Freon 12	107
Freon 114	110
Chloromethane	101
Vinyl Chloride	104
1,3-Butadiene	94
Bromomethane	94
Chloroethane	95
Freon 11	98
Ethanol	95
Freon 113	109
1,1-Dichloroethene	99
Acetone	95
2-Propanol	95
Carbon Disulfide	97
Methylene Chloride	97
Methyl tert-butyl ether	109
trans-1,2-Dichloroethene	103
Hexane	97
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	103
Tetrahydrofuran	95
Chloroform	102
1,1,1-Trichloroethane	101
Cyclohexane	101
Carbon Tetrachloride	107
Benzene	100
1,2-Dichloroethane	109
Heptane	105
Trichloroethene	107
1,2-Dichloropropane	105
1,4-Dioxane	108
Bromodichloromethane	106
cis-1,3-Dichloropropene	109
4-Methyl-2-pentanone	104
Toluene	108
trans-1,3-Dichloropropene	112
1,1,2-Trichloroethane	113
Tetrachloroethene	114

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0708500-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/27/07 08:57 AM**	

Compound	**%Recovery**
2-Hexanone	110
Dibromochloromethane	116
1,2-Dibromoethane (EDB)	113
Chlorobenzene	106
Ethyl Benzene	110
m,p-Xylene	109
o-Xylene	107
Styrene	107
Bromoform	104
Cumene	107
1,1,2,2-Tetrachloroethane	106
Propylbenzene	110
4-Ethyltoluene	109
1,3,5-Trimethylbenzene	107
1,2,4-Trimethylbenzene	105
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	105
alpha-Chlorotoluene	102
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	83
Hexachlorobutadiene	94
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0708500-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/27/07 09:38 AM**	

Compound	%Recovery
Freon 12	107
Freon 114	109
Chloromethane	99
Vinyl Chloride	102
1,3-Butadiene	90
Bromomethane	93
Chloroethane	96
Freon 11	134 Q
Ethanol	105
Freon 113	120
1,1-Dichloroethene	116
Acetone	103
2-Propanol	89
Carbon Disulfide	96
Methylene Chloride	106
Methyl tert-butyl ether	64
trans-1,2-Dichloroethene	107
Hexane	98
1,1-Dichloroethane	106
2-Butanone (Methyl Ethyl Ketone)	101
cis-1,2-Dichloroethene	104
Tetrahydrofuran	95
Chloroform	106
1,1,1-Trichloroethane	103
Cyclohexane	102
Carbon Tetrachloride	108
Benzene	101
1,2-Dichloroethane	112
Heptane	106
Trichloroethene	112
1,2-Dichloropropane	108
1,4-Dioxane	110
Bromodichloromethane	112
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	105
Toluene	114
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	116
Tetrachloroethene	122

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0708500-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z082703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/27/07 09:38 AM**	

Compound	**%Recovery**
2-Hexanone	115
Dibromochloromethane	120
1,2-Dibromoethane (EDB)	110
Chlorobenzene	108
Ethyl Benzene	110
m,p-Xylene	107
o-Xylene	108
Styrene	105
Bromoform	111
Cumene	113
1,1,2,2-Tetrachloroethane	105
Propylbenzene	112
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	104
alpha-Chlorotoluene	106
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	80
Hexachlorobutadiene	95
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Ryan O'Keefe / Sean Lowry
Company: LFR Email: sean.cowry@lfr.com
Address: 14201 N. 87th St City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-4311 Fax:

Project Info:
P.O. #:
Project #: 014-10022-15/007
Project Name:

Turn Around Time:
☐ Normal
☑ Rush 24h TAT
specify

Lab Use Only
Pressurized by: BS
Date: 8/24/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP4_EFF_82407	35981	8-24-07	8:45	TO-15	-20	0	2.5"Hg	5.0
02A	VSP4D-EFF_82407	34258	↓	8:50	↓	-29.5	0	3.0"Hg	↓
03A	VSP3-Midcar-82407	02327	↓	8:55	↓	-28.5	0	3.0"Hg	↓
04A	VSP2-PostOx-82407	33991	↓	9:00	↓	-29.5	0	2.5"Hg	↓

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time	Notes:
8-24-07 12:00	T. LaPlesh AIL 8/27/07 0845	
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time	
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8574 3910 9734	NA	good	Yes No (None)	0708500

Form 1293 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Tuesday, September 04, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street
Suite 135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-10022-15/007

Order No.: 07081063

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 8/28/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *04-Sep-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07081063

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07081063-01A	VSP-4-082807 (EFF)	1627	8/28/2007 8:55:00 AM	8/28/2007
07081063-02A	VSP-3-082807 (MidCar)	0931	8/28/2007 9:00:00 AM	8/28/2007
07081063-03A	VSPD-3-082807 (MidCar)	0159	8/28/2007 9:05:00 AM	8/28/2007
07081063-04A	VSP-2-082807 (PostOx)	1335	8/28/2007 9:10:00 AM	8/28/2007
07081063-05A	VSP-1-082807 (INF)	0740	8/28/2007 9:15:00 AM	8/28/2007

Aerotech Environmental Laboratories

Date: *04-Sep-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07081063

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

Aerotech Environmental Laboratories

Analytical Report

Date: *04-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-082807 (EFF)
Lab Order:	07081063	**Tag Number:**	1627
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/28/2007 8:55:00 AM
Lab ID:	07081063-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	1.0	0.50		ppbv	1	8/30/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
Benzene	< 0.50	0.50		ppbv	1	8/30/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/30/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/30/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Toluene	1.7	0.50		ppbv	1	8/30/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Surr: 4-Bromofluorobenzene	91.8	70-130		%REC	1	8/30/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/29/2007
Surr: 4-Bromofluorobenzene	106	70-130		%REC	1	8/29/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *04-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-082807 (MidCar)
Lab Order:	07081063	**Tag Number:**	0931
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/28/2007 9:00:00 AM
Lab ID:	07081063-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
Benzene	< 0.50	0.50		ppbv	1	8/30/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/30/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/30/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Toluene	1.2	0.50		ppbv	1	8/30/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Surr: 4-Bromofluorobenzene	74.8	70-130		%REC	1	8/30/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/29/2007
Surr: 4-Bromofluorobenzene	86.6	70-130		%REC	1	8/29/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *04-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSPD-3-082807 (MidCar)
Lab Order:	07081063	**Tag Number:**	0159
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/28/2007 9:05:00 AM
Lab ID:	07081063-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
Benzene	< 0.50	0.50		ppbv	1	8/30/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/30/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/30/2007
Tetrachloroethene	5.1	0.50		ppbv	1	8/30/2007
Toluene	1.4	0.50		ppbv	1	8/30/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Surr: 4-Bromofluorobenzene	82.7	70-130		%REC	1	8/30/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/29/2007
Surr: 4-Bromofluorobenzene	89.8	70-130		%REC	1	8/29/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *04-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-082807 (PostOx)
Lab Order:	07081063	**Tag Number:**	1335
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/28/2007 9:10:00 AM
Lab ID:	07081063-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	1.2	0.50		ppbv	1	8/30/2007
1,3,5-Trimethylbenzene	0.62	0.50		ppbv	1	8/30/2007
Benzene	0.67	0.50		ppbv	1	8/30/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	8/30/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	8/30/2007
o-Xylene	< 0.50	0.50		ppbv	1	8/30/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Toluene	1.4	0.50		ppbv	1	8/30/2007
Trichloroethene	< 0.50	0.50		ppbv	1	8/30/2007
Surr: 4-Bromofluorobenzene	76.9	70-130		%REC	1	8/30/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	8/29/2007
Surr: 4-Bromofluorobenzene	88.1	70-130		%REC	1	8/29/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *04-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-082807 (INF)
Lab Order:	07081063	**Tag Number:**	0740
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/28/2007 9:15:00 AM
Lab ID:	07081063-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	120000	120000	D2	ppbv	250000	8/31/2007
1,3,5-Trimethylbenzene	< 120000	120000		ppbv	250000	8/31/2007
Benzene	690000	120000	D2	ppbv	250000	8/31/2007
Ethylbenzene	260000	120000	D2	ppbv	250000	8/31/2007
m&p-Xylene	870000	250000	D2	ppbv	250000	8/31/2007
o-Xylene	280000	120000	D2	ppbv	250000	8/31/2007
Tetrachloroethene	< 120000	120000		ppbv	250000	8/31/2007
Toluene	2500000	120000	D2	ppbv	250000	8/31/2007
Trichloroethene	720000	120000	D2	ppbv	250000	8/31/2007
Surr: 4-Bromofluorobenzene	92.4	70-130		%REC	250000	8/31/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	150000000	100000000	D2	$\mu g/m^3$	200000	8/31/2007
Surr: 4-Bromofluorobenzene	94.2	70-130		%REC	200000	8/31/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

04-Sep-07

Lab Order: 07081063
Client: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07081063-01A	VSP-4-082807 (EFF)	8/28/2007 8:55:00 AM	Air	Gasoline Hydrocarbons in Air			8/29/2007
				Volatile Organics in Air			8/30/2007
07081063-02A	VSP-3-082807 (MidCar)	8/28/2007 9:00:00 AM		Gasoline Hydrocarbons in Air			8/29/2007
				Volatile Organics in Air			8/30/2007
07081063-03A	VSPD-3-082807 (MidCar)	8/28/2007 9:05:00 AM		Gasoline Hydrocarbons in Air			8/29/2007
				Volatile Organics in Air			8/30/2007
07081063-04A	VSP-2-082807 (PostOx)	8/28/2007 9:10:00 AM		Gasoline Hydrocarbons in Air			8/29/2007
				Volatile Organics in Air			8/30/2007
07081063-05A	VSP-1-082807 (INF)	8/28/2007 9:15:00 AM		Gasoline Hydrocarbons in Air			8/31/2007
				Volatile Organics in Air			8/31/2007

Aerotech Environmental Laboratories

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Date: *04-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07081063
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90687** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90687**
Client ID: Batch ID: **R90687** TestNo: **TO15** Analysis Date: **8/30/2007** SeqNo: **1073901**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
Benzene	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
o-Xylene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Toluene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Surr: 4-Bromofluorobenzene	8.850	0.50	10	0	88.5	70	130				

Sample ID: **LCS-R90687** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90687**
Client ID: Batch ID: **R90687** TestNo: **TO15** Analysis Date: **8/30/2007** SeqNo: **1073902**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	9.690	0.50	10	0	96.9	65	135				
1,3,5-Trimethylbenzene	9.610	0.50	10	0	96.1	65	135				
Benzene	9.050	0.50	10	0	90.5	65	135				
Ethylbenzene	10.00	0.50	10	0	100	65	135				
m&p-Xylene	19.70	1.0	20	0	98.5	65	135				
o-Xylene	9.220	0.50	10	0	92.2	65	135				
Tetrachloroethene	10.39	0.50	10	0	104	65	135				
Toluene	9.810	0.50	10	0	98.1	65	135				
Trichloroethene	10.39	0.50	10	0	104	65	135				
Surr: 4-Bromofluorobenzene	9.240	0.50	10	0	92.4	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *04-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07081063
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90687** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90687**
Client ID: Batch ID: **R90687** TestNo: **TO15** Analysis Date: **8/30/2007** SeqNo: **1073903**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	9.930	0.50	10	0	99.3	65	135	9.690	2.45	25	
1,3,5-Trimethylbenzene	9.860	0.50	10	0	98.6	65	135	9.610	2.57	25	
Benzene	9.470	0.50	10	0	94.7	65	135	9.050	4.54	25	
Ethylbenzene	10.18	0.50	10	0	102	65	135	10.00	1.78	25	
m&p-Xylene	20.24	1.0	20	0	101	65	135	19.70	2.70	25	
o-Xylene	9.480	0.50	10	0	94.8	65	135	9.220	2.78	25	
Tetrachloroethene	10.47	0.50	10	0	105	65	135	10.39	0.767	25	
Toluene	9.920	0.50	10	0	99.2	65	135	9.810	1.12	25	
Trichloroethene	10.54	0.50	10	0	105	65	135	10.39	1.43	25	
Surr: 4-Bromofluorobenzene	9.490	0.50	10	0	94.9	70	130	9.240	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *04-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07081063
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90671** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90671**
Client ID: Batch ID: **R90671** TestNo: **TO15Modifie** Analysis Date: **8/29/2007** SeqNo: **1073728**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	69.23	0	72.3	0	95.8	70	130				

Sample ID: **MB-R90675** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90675**
Client ID: Batch ID: **R90675** TestNo: **TO15Modifie** Analysis Date: **8/31/2007** SeqNo: **1073774**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	68.48	0	72.3	0	94.7	70	130				

Sample ID: **LCS-R90671** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90671**
Client ID: Batch ID: **R90671** TestNo: **TO15Modifie** Analysis Date: **8/29/2007** SeqNo: **1073729**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2125	500	2500	0	85.0	60	140				
Surr: 4-Bromofluorobenzene	70.71	0	72.3	0	97.8	70	130				

Sample ID: **LCS-R90675** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90675**
Client ID: Batch ID: **R90675** TestNo: **TO15Modifie** Analysis Date: **8/31/2007** SeqNo: **1073793**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	1936	500	2500	0	77.5	60	140				
Surr: 4-Bromofluorobenzene	69.60	0	72.3	0	96.3	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *04-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07081063
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **LCSD-R90671** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90671**
Client ID: Batch ID: **R90671** TestNo: **TO15Modifie** Analysis Date: **8/29/2007** SeqNo: **1073730**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2329	500	2500	0	93.2	60	140	2125	9.17	35	
Surr: 4-Bromofluorobenzene	72.76	0	72.3	0	101	70	130	70.71	0	0	

Sample ID: **LCSD-R90675** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90675**
Client ID: Batch ID: **R90675** TestNo: **TO15Modifie** Analysis Date: **8/31/2007** SeqNo: **1073794**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2074	500	2500	0	82.9	60	140	1936	6.84	35	
Surr: 4-Bromofluorobenzene	70.80	0	72.3	0	97.9	70	130	69.60	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By: _____

Laboratory Number: 07-08-1063	Completed By/On: [illegible] 8/20
Client Name: LFR	Date/Time Rec'd: 7/28/07 1705 By: LM
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Ryan

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	✓		
Custody seals intact on shipping container/cooler?			✓
Custody seals intact on sample containers?			✓
Chain of Custody present and relinquished/received properly?	✓		
Chain of Custody agrees with sample labels?	✓		
Samples in proper containers/bottles?	✓		
Sample containers intact?	✓		
All samples received within holding time?	✓		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	✓		
40mL vials for volatiles & SGCs received with zero headspace?			✓

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5 | IH sample media: 1L Entech Cans 8-29-07

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A ✓

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A ✓

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
H_2SO_4	<2		
1664	<2		
Cyanide	>12		
Sulfide	>9		

Comments: _____

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 0708-1063

Customer Number:	Page 1 of 1
Customer: LFR	Sampler: ROK
Address: 14201 N 87th St Suite 135	Project Name: Silvercroft
City, State, Zip: Scottsdale AZ 85260	Project Number: 01L-10077-15 / 007
Contact: Sean Coury	P.O. Number:
Phone: 480-905-9311 Fax:	Fax Results: Y N
E-Mail Address: Sean.coury@lfr.com	E-Mail Results: Y N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No X
Total # of Containers: 5

Turn Around Request

____ 24 Hours X 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TPH					
1	1627	6, 1, 0.4	VSP-4-082807 (EFF)	8-28-07	8:55	Air				✓		X					
2	0931	6, 1, 0.4	VSP-3-082807 (mid/air)		9:00												
3	0159	6, 1, 0.4	VSPD-3-082807 (mid/air)		9:05												
4	1335	6, 1, 0.4	VSP-2-082807 (Post mk)		9:40												
5	0740	6, 1, 0.4	VSP-1-082807/Inf		9:15												
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
8-28-07	17:05	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

Aerotech Environmental Laboratories

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Monday, September 10, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street
Suite 135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-10022-15/007

Order No.: 07090010

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 9/4/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07090010

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

Aerotech Environmental Laboratories

Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07090010

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07090010-01A	VSP-4-083107-(EFF)	0261	8/31/2007 10:00:00 AM	9/4/2007
07090010-02A	VSP-3-083107-(MID CAR)	0608	8/31/2007 10:05:00 AM	9/4/2007
07090010-03A	VSPD-3-083107-(MID CAR)	0264	8/31/2007 10:10:00 AM	9/4/2007
07090010-04A	VSP-2-083107-(POST OX)	0279	8/31/2007 10:15:00 AM	9/4/2007
07090010-05A	VSP-1-083107-(INF)	1436	8/31/2007 10:20:00 AM	9/4/2007

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-083107-(EFF)
Lab Order:	07090010	**Tag Number:**	0261
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/31/2007 10:00:00 AM
Lab ID:	07090010-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.60	0.50		ppbv	1	9/5/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
Benzene	< 0.50	0.50		ppbv	1	9/5/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
m&p-Xylene	1.4	1.0		ppbv	1	9/5/2007
o-Xylene	0.56	0.50		ppbv	1	9/5/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Toluene	0.84	0.50		ppbv	1	9/5/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Surr: 4-Bromofluorobenzene	90.3	70-130		%REC	1	9/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/5/2007
Surr: 4-Bromofluorobenzene	109	70-130		%REC	1	9/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-083107-(MID CAR)
Lab Order:	07090010	**Tag Number:**	0608
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/31/2007 10:05:00 AM
Lab ID:	07090010-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
Benzene	< 0.50	0.50		ppbv	1	9/5/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	9/5/2007
o-Xylene	< 0.50	0.50		ppbv	1	9/5/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Toluene	0.75	0.50		ppbv	1	9/5/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Surr: 4-Bromofluorobenzene	80.4	70-130		%REC	1	9/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/5/2007
Surr: 4-Bromofluorobenzene	89.1	70-130		%REC	1	9/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSPD-3-083107-(MID CAR)
Lab Order:	07090010	**Tag Number:**	0264
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/31/2007 10:10:00 AM
Lab ID:	07090010-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
Benzene	< 0.50	0.50		ppbv	1	9/5/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	9/5/2007
o-Xylene	< 0.50	0.50		ppbv	1	9/5/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Toluene	0.52	0.50		ppbv	1	9/5/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Surr: 4-Bromofluorobenzene	76.7	70-130		%REC	1	9/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/5/2007
Surr: 4-Bromofluorobenzene	92.5	70-130		%REC	1	9/5/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-083107-(POST OX)
Lab Order:	07090010	**Tag Number:**	0279
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/31/2007 10:15:00 AM
Lab ID:	07090010-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
Benzene	0.70	0.50		ppbv	1	9/5/2007
Ethylbenzene	< 0.50	0.50		ppbv	1	9/5/2007
m&p-Xylene	< 1.0	1.0		ppbv	1	9/5/2007
o-Xylene	< 0.50	0.50		ppbv	1	9/5/2007
Tetrachloroethene	0.93	0.50		ppbv	1	9/5/2007
Toluene	0.80	0.50		ppbv	1	9/5/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/5/2007
Surr: 4-Bromofluorobenzene	85.8	70-130		%REC	1	9/5/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		$\mu g/m^3$	1	9/6/2007
Surr: 4-Bromofluorobenzene	98.6	70-130		%REC	1	9/6/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-083107-(INF)
Lab Order:	07090010	**Tag Number:**	1436
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	8/31/2007 10:20:00 AM
Lab ID:	07090010-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 120000	120000		ppbv	250000	9/6/2007
1,3,5-Trimethylbenzene	< 120000	120000		ppbv	250000	9/6/2007
Benzene	900000	120000	D2	ppbv	250000	9/6/2007
Ethylbenzene	340000	120000	D2	ppbv	250000	9/6/2007
m&p-Xylene	1000000	250000	D2	ppbv	250000	9/6/2007
o-Xylene	300000	120000	D2	ppbv	250000	9/6/2007
Tetrachloroethene	< 120000	120000		ppbv	250000	9/6/2007
Toluene	3200000	120000	D2	ppbv	250000	9/6/2007
Trichloroethene	< 120000	120000		ppbv	250000	9/6/2007
Surr: 4-Bromofluorobenzene	76.6	70-130		%REC	250000	9/6/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	270000000	120000000	D2	µg/m³	250000	9/6/2007
Surr: 4-Bromofluorobenzene	97.6	70-130		%REC	250000	9/6/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

10-Sep-07

Lab Order: 07090010
Client: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07090010-01A	VSP-4-083107-(EFF)	8/31/2007 10:00:00 AM	Air	Gasoline Hydrocarbons in Air			9/5/2007
				Volatile Organics in Air			9/5/2007
07090010-02A	VSP-3-083107-(MID CAR)	8/31/2007 10:05:00 AM		Gasoline Hydrocarbons in Air			9/5/2007
				Volatile Organics in Air			9/5/2007
07090010-03A	VSPD-3-083107-(MID CAR)	8/31/2007 10:10:00 AM		Gasoline Hydrocarbons in Air			9/5/2007
				Volatile Organics in Air			9/5/2007
07090010-04A	VSP-2-083107-(POST OX)	8/31/2007 10:15:00 AM		Gasoline Hydrocarbons in Air			9/6/2007
				Volatile Organics in Air			9/5/2007
07090010-05A	VSP-1-083107-(INF)	8/31/2007 10:20:00 AM		Gasoline Hydrocarbons in Air			9/6/2007
				Volatile Organics in Air			9/6/2007

Aerotech Environmental Laboratories

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Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090010
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90791** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90791**
Client ID: Batch ID: **R90791** TestNo: **TO15** Analysis Date: **9/5/2007** SeqNo: **1075101**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
Benzene	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
o-Xylene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Toluene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Surr: 4-Bromofluorobenzene	8.250	0.50	10	0	82.5	70	130				

Sample ID: **LCS-R90791** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90791**
Client ID: Batch ID: **R90791** TestNo: **TO15** Analysis Date: **9/5/2007** SeqNo: **1075102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	10.84	0.50	10	0	108	65	135				
1,3,5-Trimethylbenzene	10.81	0.50	10	0	108	65	135				
Benzene	10.44	0.50	10	0	104	65	135				
Ethylbenzene	11.05	0.50	10	0	110	65	135				
m&p-Xylene	22.04	1.0	20	0	110	65	135				
o-Xylene	10.45	0.50	10	0	104	65	135				
Tetrachloroethene	11.09	0.50	10	0	111	65	135				
Toluene	11.16	0.50	10	0	112	65	135				
Trichloroethene	11.38	0.50	10	0	114	65	135				
Surr: 4-Bromofluorobenzene	9.350	0.50	10	0	93.5	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090010
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90791** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90791**
Client ID: Batch ID: **R90791** TestNo: **TO15** Analysis Date: **9/5/2007** SeqNo: **1075103**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	11.07	0.50	10	0	111	65	135	10.84	2.10	25	
1,3,5-Trimethylbenzene	10.85	0.50	10	0	108	65	135	10.81	0.369	25	
Benzene	10.41	0.50	10	0	104	65	135	10.44	0.288	25	
Ethylbenzene	11.26	0.50	10	0	113	65	135	11.05	1.88	25	
m&p-Xylene	22.32	1.0	20	0	112	65	135	22.04	1.26	25	
o-Xylene	10.57	0.50	10	0	106	65	135	10.45	1.14	25	
Tetrachloroethene	10.91	0.50	10	0	109	65	135	11.09	1.64	25	
Toluene	10.99	0.50	10	0	110	65	135	11.16	1.53	25	
Trichloroethene	11.33	0.50	10	0	113	65	135	11.38	0.440	25	
Surr: 4-Bromofluorobenzene	9.230	0.50	10	0	92.3	70	130	9.350	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090010
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90804** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90804**
Client ID: Batch ID: **R90804** TestNo: **TO15Modifie** Analysis Date: **9/5/2007** SeqNo: **1075241**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	66.47	0	72.3	0	91.9	70	130				

Sample ID: **LCS-R90804** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90804**
Client ID: Batch ID: **R90804** TestNo: **TO15Modifie** Analysis Date: **9/5/2007** SeqNo: **1075245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	3406	500	2500	0	136	60	140				
Surr: 4-Bromofluorobenzene	77.53	0	72.3	0	107	70	130				

Sample ID: **LCSD-R90804** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90804**
Client ID: Batch ID: **R90804** TestNo: **TO15Modifie** Analysis Date: **9/5/2007** SeqNo: **1075246**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	3420	500	2500	0	137	60	140	3406	0.408	35	
Surr: 4-Bromofluorobenzene	75.34	0	72.3	0	104	70	130	77.53	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By: [illegible] 9/4/07

Laboratory Number: 0709001 0.	Completed By/On: [illegible] 9/4/07
Client Name: LFR	Date/Time Rec'd: 9/4/07 8:53 By: PF
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1: Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
0mL vials for volatiles & SOGs received with zero headspace?			X

Soil Containers:
Brass Sleeve____
Glass Jar____
Methanol____
Plastic Bag____
Encore Samplers____
Sterile Plastic____

Total number of bottles received: 5 IH sample media: 1L Canister

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
None-General	5										
HNO3											
H2SO4											
HCl											
Na2S2O3											
NaOH											
Sulfide											
Na Sulfite											
ICAA											
Methanol											
HAA											
Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
SO_4	<2		
4	<2		
Cyanide	>12		
Sulfide	>9		

Comments:

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 0709 0010

Customer Number:	Page 1 of 1
Customer: LFR	Sampler: Wok
Address: 14701 N 87th St	Project Name: Silver Creek
City, State, Zip: Scottsdale AZ 85260	Project Number: 04-10077-15 1307
Contact: Michael Nesky	P.O. Number:
Phone: 480-905-6211 Fax:	Fax Results: Y (N)
E-Mail Address: michael.nesky@lfr.com	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No Y
Custody Seals Intact: Yes ____ No NA
Total # of Containers: 5

Turn Around Request

____ 24 Hours
(X) 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list (Mod)	PCE Only by TO-15	TDT					
1	0261	6, (1) 0.4	VSP-4-083107 (EFA)	8-31-07	1000	AIR				✓		✓					
2	0608	6, (1) 0.4	VSP-3-087107 (mid/gar)	↓	1005	↓				✓		✓					
3	0264	6, (1) 0.4	VSPD-3-083107 (mid/gar)	↓	1010	↓				✓		✓					
4	0279	6, (1) 0.4	VSP-2-083107 (PG/GA)	↓	1015	↓				✓		✓					
5	1426	6, (1) 0.4	VSP-1-083107 (INF)	↓	1020	↓				✓		✓					
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-4-07	8:53	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709005

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007 Silvercroft
DATE RECEIVED:	09/04/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/05/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-083107 (EFF)	Modified TO-15	3.5 "Hg
02A	VSP-3-083107 (Mid Carb)	Modified TO-15	3.5 "Hg
03A	VSP-2-083107 (Post Ox)	Modified TO-15	4.5 "Hg
04A	Lab Blank	Modified TO-15	NA
05A	CCV	Modified TO-15	NA
06A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 09/05/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0709005

Three 6 Liter Summa Canister (100% Certified) samples were received on September 04, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-083107 (EFF)

Lab ID#: 0709005-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.75	9.1
Ethanol	0.76	1.4	1.4	2.7
Acetone	0.76	4.0	1.8	9.5
2-Butanone (Methyl Ethyl Ketone)	0.15	0.34	0.45	1.0
Toluene	0.15	0.52	0.57	2.0
m,p-Xylene	0.15	0.39	0.66	1.7
TPH ref. to Gasoline (MW=100)	3.0	34	12	140

Client Sample ID: VSP-3-083107 (Mid Carb)

Lab ID#: 0709005-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.6	0.75	7.7
Chloromethane	0.15	0.18	0.31	0.38
Ethanol	0.76	5.4	1.4	10
Acetone	0.76	32	1.8	76
2-Propanol	0.76	2.1	1.9	5.3
Carbon Disulfide	0.76	0.82	2.4	2.6
2-Butanone (Methyl Ethyl Ketone)	0.15	0.94	0.45	2.8
Benzene	0.15	0.26	0.48	0.84
4-Methyl-2-pentanone	0.15	0.15	0.62	0.63
Toluene	0.15	2.2	0.57	8.3
Ethyl Benzene	0.15	0.39	0.66	1.7
m,p-Xylene	0.15	0.75	0.66	3.2
o-Xylene	0.15	0.20	0.66	0.86
Styrene	0.15	0.39	0.65	1.7
4-Ethyltoluene	0.15	0.18	0.75	0.90
1,2,4-Trimethylbenzene	0.15	0.19	0.75	0.93
TPH ref. to Gasoline (MW=100)	3.0	83	12	340

Client Sample ID: VSP-2-083107 (Post Ox)

Lab ID#: 0709005-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.6	0.78	7.7
Ethanol	0.79	1.3	1.5	2.4

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-2-083107 (Post Ox)

Lab ID#: 0709005-03A

Acetone	0.79	4.5	1.9	11
Carbon Disulfide	0.79	1.7	2.5	5.2
Methyl tert-butyl ether	0.16	0.17	0.57	0.61
2-Butanone (Methyl Ethyl Ketone)	0.16	0.46	0.46	1.4
Benzene	0.16	0.54	0.50	1.7
Toluene	0.16	0.55	0.60	2.1
m,p-Xylene	0.16	0.16	0.69	0.69
TPH ref. to Gasoline (MW=100)	3.2	48	13	200

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-083107 (EFF)

Lab ID#: 0709005-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090415**	**Date of Collection:**	**8/31/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/4/07 06:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.75	9.1
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	1.4	1.4	2.7
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	4.0	1.8	9.5
2-Propanol	0.76	Not Detected	1.9	Not Detected
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.34	0.45	1.0
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	Not Detected	0.48	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	0.52	0.57	2.0
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-083107 (EFF)

Lab ID#: 0709005-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090415**	**Date of Collection:**	**8/31/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/4/07 06:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	Not Detected	0.66	Not Detected
m,p-Xylene	0.15	0.39	0.66	1.7
o-Xylene	0.15	Not Detected	0.66	Not Detected
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.75	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	34	12	140

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	88	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-083107 (Mid Carb)

Lab ID#: 0709005-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090416**	**Date of Collection:**	**8/31/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/4/07 07:00 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.6	0.75	7.7
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.18	0.31	0.38
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	5.4	1.4	10
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	32	1.8	76
2-Propanol	0.76	2.1	1.9	5.3
Carbon Disulfide	0.76	0.82	2.4	2.6
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.94	0.45	2.8
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.26	0.48	0.84
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	0.15	0.62	0.63
Toluene	0.15	2.2	0.57	8.3
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-083107 (Mid Carb)

Lab ID#: 0709005-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090416**	**Date of Collection:**	**8/31/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/4/07 07:00 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	0.39	0.66	1.7
m,p-Xylene	0.15	0.75	0.66	3.2
o-Xylene	0.15	0.20	0.66	0.86
Styrene	0.15	0.39	0.65	1.7
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	0.18	0.75	0.90
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	0.19	0.75	0.93
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	83	12	340

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-083107 (Post Ox)

Lab ID#: 0709005-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090417**	**Date of Collection:**	**8/31/07**
Dil. Factor:	**1.58**	**Date of Analysis:**	**9/4/07 07:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.6	0.78	7.7
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	Not Detected	0.33	Not Detected
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.16	Not Detected	0.35	Not Detected
Bromomethane	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	Not Detected	0.89	Not Detected
Ethanol	0.79	1.3	1.5	2.4
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Acetone	0.79	4.5	1.9	11
2-Propanol	0.79	Not Detected	1.9	Not Detected
Carbon Disulfide	0.79	1.7	2.5	5.2
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	0.17	0.57	0.61
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Hexane	0.16	Not Detected	0.56	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.46	0.46	1.4
cis-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Tetrahydrofuran	0.79	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.77	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Cyclohexane	0.16	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.99	Not Detected
Benzene	0.16	0.54	0.50	1.7
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
Heptane	0.16	Not Detected	0.65	Not Detected
Trichloroethene	0.16	Not Detected	0.85	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.73	Not Detected
1,4-Dioxane	0.16	Not Detected	0.57	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.65	Not Detected
Toluene	0.16	0.55	0.60	2.1
trans-1,3-Dichloropropene	0.16	Not Detected	0.72	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-083107 (Post Ox)

Lab ID#: 0709005-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090417**	**Date of Collection:**	**8/31/07**
Dil. Factor:	**1.58**	**Date of Analysis:**	**9/4/07 07:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.79	Not Detected	3.2	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.73	Not Detected
Ethyl Benzene	0.16	Not Detected	0.69	Not Detected
m,p-Xylene	0.16	0.16	0.69	0.69
o-Xylene	0.16	Not Detected	0.69	Not Detected
Styrene	0.16	Not Detected	0.67	Not Detected
Bromoform	0.16	Not Detected	1.6	Not Detected
Cumene	0.16	Not Detected	0.78	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.78	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.78	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.78	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.82	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.95	Not Detected
1,2,4-Trichlorobenzene	0.79	Not Detected	5.9	Not Detected
Hexachlorobutadiene	0.79	Not Detected	8.4	Not Detected
TPH ref. to Gasoline (MW=100)	3.2	48	13	200

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709005-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090410a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/07 02:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709005-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090410a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/07 02:38 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	87	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709005-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/07 09:23 AM**	

Compound	%Recovery
Freon 12	114
Freon 114	119
Chloromethane	108
Vinyl Chloride	104
1,3-Butadiene	94
Bromomethane	91
Chloroethane	89
Freon 11	116
Ethanol	72
Freon 113	108
1,1-Dichloroethene	92
Acetone	98
2-Propanol	76
Carbon Disulfide	90
Methylene Chloride	87
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	96
Hexane	83
1,1-Dichloroethane	92
2-Butanone (Methyl Ethyl Ketone)	90
cis-1,2-Dichloroethene	93
Tetrahydrofuran	95
Chloroform	101
1,1,1-Trichloroethane	102
Cyclohexane	90
Carbon Tetrachloride	113
Benzene	95
1,2-Dichloroethane	110
Heptane	100
Trichloroethene	121
1,2-Dichloropropane	100
1,4-Dioxane	101
Bromodichloromethane	103
cis-1,3-Dichloropropene	98
4-Methyl-2-pentanone	98
Toluene	104
trans-1,3-Dichloropropene	110
1,1,2-Trichloroethane	120
Tetrachloroethene	124

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709005-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090402**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/07 09:23 AM**	

Compound	**%Recovery**
2-Hexanone	109
Dibromochloromethane	122
1,2-Dibromoethane (EDB)	113
Chlorobenzene	109
Ethyl Benzene	108
m,p-Xylene	106
o-Xylene	100
Styrene	102
Bromoform	116
Cumene	102
1,1,2,2-Tetrachloroethane	94
Propylbenzene	106
4-Ethyltoluene	110
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	112
alpha-Chlorotoluene	85
1,2-Dichlorobenzene	116
1,2,4-Trichlorobenzene	99
Hexachlorobutadiene	109
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709005-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/07 10:10 AM**	

Compound	**%Recovery**
Freon 12	119
Freon 114	117
Chloromethane	115
Vinyl Chloride	109
1,3-Butadiene	97
Bromomethane	96
Chloroethane	100
Freon 11	119
Ethanol	107
Freon 113	126
1,1-Dichloroethene	111
Acetone	115
2-Propanol	94
Carbon Disulfide	99
Methylene Chloride	101
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	109
Hexane	98
1,1-Dichloroethane	108
2-Butanone (Methyl Ethyl Ketone)	98
cis-1,2-Dichloroethene	102
Tetrahydrofuran	105
Chloroform	112
1,1,1-Trichloroethane	111
Cyclohexane	99
Carbon Tetrachloride	116
Benzene	102
1,2-Dichloroethane	121
Heptane	107
Trichloroethene	119
1,2-Dichloropropane	109
1,4-Dioxane	106
Bromodichloromethane	110
cis-1,3-Dichloropropene	102
4-Methyl-2-pentanone	110
Toluene	116
trans-1,3-Dichloropropene	119
1,1,2-Trichloroethane	126
Tetrachloroethene	126

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709005-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090403**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/4/07 10:10 AM**	

Compound	**%Recovery**
2-Hexanone	118
Dibromochloromethane	125
1,2-Dibromoethane (EDB)	114
Chlorobenzene	112
Ethyl Benzene	112
m,p-Xylene	108
o-Xylene	103
Styrene	101
Bromoform	110
Cumene	108
1,1,2,2-Tetrachloroethane	98
Propylbenzene	112
4-Ethyltoluene	114
1,3,5-Trimethylbenzene	104
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	110
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	96
1,2-Dichlorobenzene	113
1,2,4-Trichlorobenzene	87
Hexachlorobutadiene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager Michael Nesk
Collected by: (Print and Sign) Ryan O'Keefe
Company LFR Inc Email Sean.Cowley@lfr.com
Address 4701 N 87th City Scottsdale State AZ Zip 85260
Phone 480-905-9311 Fax

Project Info:
P.O. #
Project # 014-10022-15/007
Project Name Silverado

Turn Around Time:
☐ Normal
☑ Rush 24hr TAT
specify

Lab Use Only
Pressurized by: DB
Date: 9/4/07
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-083107 (EFF)	33780	8-31-07		TO-15(mod) TPH	-29"	-2	3.5"Hg	5.0psi
02A	VSP-3083107 (mid (uvb)	14121	↓		↓	-27"	-2	3.5"Hg	↓
03A	VSP-2-083107 (Post Ox)	05701				-29"	-2	4.5"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Notes:
[signature]	8-31-07 12:00	Monica Gregson ATL	9/4/07	900
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8574 3910 9815	NA	Good	Yes No None	0709005

Form 1293 rev. 1

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Monday, September 10, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street
Suite 135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: KMEP/Silvercroft/014-10022-15

Order No.: 07090133

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 9/6/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/014-10022-15
Lab Order: 07090133

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

Aerotech Environmental Laboratories

Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Project: KMEP/Silvercroft/014-10022-15
Lab Order: 07090133

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07090133-01A	VSP4-090507-EFF	1629	9/5/2007 2:15:00 PM	9/6/2007
07090133-02A	VSP4D-090507-EFF	1625	9/5/2007 2:45:00 PM	9/6/2007
07090133-03A	VSP3-090507-MIDCAR	1614	9/5/2007 2:20:00 PM	9/6/2007
07090133-04A	VSP2-090507-POSTOX	1620	9/5/2007 2:25:00 PM	9/6/2007
07090133-05A	VSP1-090507-INF	1300	9/5/2007 2:40:00 PM	9/6/2007

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4-090507-EFF
Lab Order:	07090133	**Tag Number:**	1629
Project:	KMEP/Silvercroft/014-10022-15	**Collection Date:**	9/5/2007 2:15:00 PM
Lab ID:	07090133-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/7/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/7/2007
Benzene	< 0.50	0.50		ppbv	1	9/7/2007
Ethylbenzene	0.64	0.50		ppbv	1	9/7/2007
m&p-Xylene	2.3	1.0		ppbv	1	9/7/2007
o-Xylene	0.73	0.50		ppbv	1	9/7/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Toluene	2.6	0.50		ppbv	1	9/7/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Surr: 4-Bromofluorobenzene	89.3	70-130		%REC	1	9/7/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/8/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	9/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP4D-090507-EFF
Lab Order:	07090133	**Tag Number:**	1625
Project:	KMEP/Silvercroft/014-10022-15	**Collection Date:**	9/5/2007 2:45:00 PM
Lab ID:	07090133-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.88	0.50		ppbv	1	9/7/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/7/2007
Benzene	0.55	0.50		ppbv	1	9/7/2007
Ethylbenzene	1.3	0.50		ppbv	1	9/7/2007
m&p-Xylene	4.5	1.0		ppbv	1	9/7/2007
o-Xylene	1.4	0.50		ppbv	1	9/7/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Toluene	4.8	0.50		ppbv	1	9/7/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Surr: 4-Bromofluorobenzene	79.1	70-130		%REC	1	9/7/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/8/2007
Surr: 4-Bromofluorobenzene	84.7	70-130		%REC	1	9/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP3-090507-MIDCAR
Lab Order:	07090133	**Tag Number:**	1614
Project:	KMEP/Silvercroft/014-10022-15	**Collection Date:**	9/5/2007 2:20:00 PM
Lab ID:	07090133-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.67	0.50		ppbv	1	9/7/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/7/2007
Benzene	< 0.50	0.50		ppbv	1	9/7/2007
Ethylbenzene	0.72	0.50		ppbv	1	9/7/2007
m&p-Xylene	2.7	1.0		ppbv	1	9/7/2007
o-Xylene	0.84	0.50		ppbv	1	9/7/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Toluene	3.1	0.50		ppbv	1	9/7/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Surr: 4-Bromofluorobenzene	76.0	70-130		%REC	1	9/7/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/8/2007
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	9/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP2-090507-POSTOX
Lab Order:	07090133	**Tag Number:**	1620
Project:	KMEP/Silvercroft/014-10022-15	**Collection Date:**	9/5/2007 2:25:00 PM
Lab ID:	07090133-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	1.5	0.50		ppbv	1	9/7/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/7/2007
Benzene	0.80	0.50		ppbv	1	9/7/2007
Ethylbenzene	1.1	0.50		ppbv	1	9/7/2007
m&p-Xylene	3.8	1.0		ppbv	1	9/7/2007
o-Xylene	1.4	0.50		ppbv	1	9/7/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Toluene	4.5	0.50		ppbv	1	9/7/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/7/2007
Surr: 4-Bromofluorobenzene	77.5	70-130		%REC	1	9/7/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/8/2007
Surr: 4-Bromofluorobenzene	92.2	70-130		%REC	1	9/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *10-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP1-090507-INF
Lab Order:	07090133	**Tag Number:**	1300
Project:	KMEP/Silvercroft/014-10022-15	**Collection Date:**	9/5/2007 2:40:00 PM
Lab ID:	07090133-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	< 100000	100000		ppbv	200000	9/8/2007
1,3,5-Trimethylbenzene	< 100000	100000		ppbv	200000	9/8/2007
Benzene	540000	100000	D2	ppbv	200000	9/8/2007
Ethylbenzene	120000	100000	D2	ppbv	200000	9/8/2007
m&p-Xylene	230000	200000	D2	ppbv	200000	9/8/2007
o-Xylene	< 100000	100000		ppbv	200000	9/8/2007
Tetrachloroethene	< 100000	100000		ppbv	200000	9/8/2007
Toluene	1600000	100000	D2	ppbv	200000	9/8/2007
Trichloroethene	< 100000	100000		ppbv	200000	9/8/2007
Surr: 4-Bromofluorobenzene	81.2	70-130		%REC	200000	9/8/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	130000000	50000000	D2	µg/m³	100000	9/8/2007
Surr: 4-Bromofluorobenzene	87.4	70-130		%REC	100000	9/8/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

10-Sep-07

Lab Order: 07090133
Client: LFR - Levine Fricke
Project: KMEP/Silvercroft/014-10022-15

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07090133-01A	VSP4-090507-EFF	9/5/2007 2:15:00 PM	Air	Gasoline Hydrocarbons in Air			9/8/2007
				Volatile Organics in Air			9/7/2007
07090133-02A	VSP4D-090507-EFF	9/5/2007 2:45:00 PM		Gasoline Hydrocarbons in Air			9/8/2007
				Volatile Organics in Air			9/7/2007
07090133-03A	VSP3-090507-MIDCAR	9/5/2007 2:20:00 PM		Gasoline Hydrocarbons in Air			9/8/2007
				Volatile Organics in Air			9/7/2007
07090133-04A	VSP2-090507-POSTOX	9/5/2007 2:25:00 PM		Gasoline Hydrocarbons in Air			9/8/2007
				Volatile Organics in Air			9/7/2007
07090133-05A	VSP1-090507-INF	9/5/2007 2:40:00 PM		Gasoline Hydrocarbons in Air			9/8/2007
				Volatile Organics in Air			9/8/2007

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Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090133
Project: KMEP/Silvercroft/014-10022-15

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90843** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90843**
Client ID: Batch ID: **R90843** TestNo: **TO15** Analysis Date: **9/7/2007** SeqNo: **1075639**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
Benzene	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
o-Xylene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Toluene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Surr: 4-Bromofluorobenzene	8.640	0.50	10	0	86.4	70	130				

Sample ID: **LCS-R90843** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90843**
Client ID: Batch ID: **R90843** TestNo: **TO15** Analysis Date: **9/7/2007** SeqNo: **1075650**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	9.460	0.50	10	0	94.6	65	135				
1,3,5-Trimethylbenzene	9.370	0.50	10	0	93.7	65	135				
Benzene	9.490	0.50	10	0	94.9	65	135				
Ethylbenzene	9.780	0.50	10	0	97.8	65	135				
m&p-Xylene	19.26	1.0	20	0	96.3	65	135				
o-Xylene	9.130	0.50	10	0	91.3	65	135				
Tetrachloroethene	9.750	0.50	10	0	97.5	65	135				
Toluene	9.860	0.50	10	0	98.6	65	135				
Trichloroethene	9.990	0.50	10	0	99.9	65	135				
Surr: 4-Bromofluorobenzene	8.970	0.50	10	0	89.7	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090133
Project: KMEP/Silvercroft/014-10022-15

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90843** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90843**
Client ID: Batch ID: **R90843** TestNo: **TO15** Analysis Date: **9/7/2007** SeqNo: **1075651**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	9.450	0.50	10	0	94.5	65	135	9.460	0.106	25	
1,3,5-Trimethylbenzene	9.310	0.50	10	0	93.1	65	135	9.370	0.642	25	
Benzene	9.530	0.50	10	0	95.3	65	135	9.490	0.421	25	
Ethylbenzene	9.740	0.50	10	0	97.4	65	135	9.780	0.410	25	
m&p-Xylene	19.36	1.0	20	0	96.8	65	135	19.26	0.518	25	
o-Xylene	9.260	0.50	10	0	92.6	65	135	9.130	1.41	25	
Tetrachloroethene	9.760	0.50	10	0	97.6	65	135	9.750	0.103	25	
Toluene	9.950	0.50	10	0	99.5	65	135	9.860	0.909	25	
Trichloroethene	10.01	0.50	10	0	100	65	135	9.990	0.200	25	
Surr: 4-Bromofluorobenzene	9.220	0.50	10	0	92.2	70	130	8.970	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *10-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090133
Project: KMEP/Silvercroft/014-10022-15

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90857** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90857**
Client ID: Batch ID: **R90857** TestNo: **TO15Modifie** Analysis Date: **9/8/2007** SeqNo: **1075808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	65.04	0	72.3	0	90.0	70	130				

Sample ID: **LCS-R90857** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90857**
Client ID: Batch ID: **R90857** TestNo: **TO15Modifie** Analysis Date: **9/8/2007** SeqNo: **1075809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	3179	500	2500	0	127	60	140				
Surr: 4-Bromofluorobenzene	78.99	0	72.3	0	109	70	130				

Sample ID: **LCSD-R90857** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90857**
Client ID: Batch ID: **R90857** TestNo: **TO15Modifie** Analysis Date: **9/8/2007** SeqNo: **1075810**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	3246	500	2500	0	130	60	140	3179	2.07	35	
Surr: 4-Bromofluorobenzene	75.05	0	72.3	0	104	70	130	78.99	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:

Laboratory Number: 07-09-0133	Completed By/On: Karen McGlinick 9/6/07
Client Name: LFR	Date/Time Rec'd: 9/6/07 800 By: KM
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Scan

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice (Wet Ice) Not Present

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOGs received with zero headspace?			X

Soil Containers:
Brass Sleeve ____
Glass Jar ____
Methanol ____
Plastic Bag ____
Encore Samplers ____
Sterile Plastic ____

Total number of bottles received: 5 IH sample media: 1L Entech Cans

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water pH acceptable upon receipt? Yes No N/A X

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
H_2SO_4	<2		
1664	<2		
Cyanide	>12		
Sulfide	>9		

Comments:

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 07-090133

Customer Number:	Page 1 of 1
Customer: LFR	Sampler: Sean
Address: 14201 N 87th St Suite 133	Project Name: KMEF/Silverado
City, State, Zip: Scottsdale AZ 85260	Project Number: 014 10022 15
Contact: Sean Coury	P.O. Number:
Phone: 480 905 9311 Fax:	Fax Results: Y (N)
E-Mail Address: Sean.Coury@Kr.Com	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No X
Total # of Containers: 5

Turn Around Request

X 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	TO 15 Mod
1	1629	6, 1, 0.4	VSP4_090507 - EFF	9/5/07	1415							X
2	1625	6, 1, 0.4	VSP4D_090507_ EFF		1445							
3	1614	6, 1, 0.4	VSP3_090507 - MidCAR		1420							
4	1620	6, 1, 0.4	VSP2_090507_ PostOX		1425							
5	1300	6, 1, 0.4	VSP1_090507_ INF		1440							
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										
		6, 1, 0.4										

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9/6/07	800	Sean	[illegible]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709101

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014 10022 15 KMEP/Silvercroft
DATE RECEIVED:	09/07/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/10/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP4_090507_EFF	Modified TO-15	3.0 "Hg
02A	VSP4D_090507_EFF	Modified TO-15	3.5 "Hg
03A	VSP3_090507_MIDCAR	Modified TO-15	3.0 "Hg
04A	VSP2_090507_POSTOX	Modified TO-15	3.5 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman DATE: 09/10/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0709101

Four 6 Liter Summa Canister (100% Certified) samples were received on September 07, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP4_090507_EFF

Lab ID#: 0709101-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	2.3	0.74	12
Ethanol	0.74	2.2	1.4	4.2
Acetone	0.74	4.1	1.8	9.7
2-Butanone (Methyl Ethyl Ketone)	0.15	0.40	0.44	1.2
Toluene	0.15	1.7	0.56	6.5
Ethyl Benzene	0.15	0.64	0.65	2.8
m,p-Xylene	0.15	2.3	0.65	9.8
o-Xylene	0.15	0.64	0.65	2.8
4-Ethyltoluene	0.15	0.64	0.73	3.2
1,2,4-Trimethylbenzene	0.15	0.35	0.73	1.7
TPH ref. to Gasoline (MW=100)	3.0	63	12	260

Client Sample ID: VSP4D_090507_EFF

Lab ID#: 0709101-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	2.4	0.75	12
Ethanol	0.76	2.2	1.4	4.1
Acetone	0.76	5.3	1.8	12
2-Butanone (Methyl Ethyl Ketone)	0.15	0.61	0.45	1.8
Benzene	0.15	0.17	0.48	0.54
Toluene	0.15	1.8	0.57	6.7
Ethyl Benzene	0.15	0.90	0.66	3.9
m,p-Xylene	0.15	3.1	0.66	13
o-Xylene	0.15	0.86	0.66	3.7
Propylbenzene	0.15	0.18	0.75	0.90
4-Ethyltoluene	0.15	0.96	0.75	4.7
1,3,5-Trimethylbenzene	0.15	0.16	0.75	0.81
1,2,4-Trimethylbenzene	0.15	0.47	0.75	2.3
TPH ref. to Gasoline (MW=100)	3.0	65	12	260

Client Sample ID: VSP3_090507_MIDCAR

Lab ID#: 0709101-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	2.1	0.74	10

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP3_090507_MIDCAR

Lab ID#: 0709101-03A

Ethanol	0.74	2.4	1.4	4.6
Acetone	0.74	3.2	1.8	7.7
Carbon Disulfide	0.74	0.94	2.3	2.9
2-Butanone (Methyl Ethyl Ketone)	0.15	0.53	0.44	1.6
Chloroform	0.15	0.61	0.73	3.0
Benzene	0.15	0.18	0.48	0.57
Toluene	0.15	1.8	0.56	6.8
Ethyl Benzene	0.15	0.50	0.65	2.2
m,p-Xylene	0.15	1.3	0.65	5.8
o-Xylene	0.15	0.45	0.65	2.0
Styrene	0.15	0.15	0.63	0.64
4-Ethyltoluene	0.15	0.43	0.73	2.1
1,2,4-Trimethylbenzene	0.15	0.31	0.73	1.5
TPH ref. to Gasoline (MW=100)	3.0	69	12	280

Client Sample ID: VSP2_090507_POSTOX

Lab ID#: 0709101-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.75	9.1
Freon 114	0.15	0.19	1.1	1.3
Chloromethane	0.15	0.20	0.31	0.42
Ethanol	0.76	4.0	1.4	7.6
Acetone	0.76	7.2	1.8	17
Carbon Disulfide	0.76	3.5	2.4	11
Methyl tert-butyl ether	0.15	2.5	0.55	9.1
Hexane	0.15	0.26	0.54	0.93
2-Butanone (Methyl Ethyl Ketone)	0.15	1.3	0.45	3.9
Cyclohexane	0.15	0.18	0.52	0.62
Benzene	0.15	0.66	0.48	2.1
Heptane	0.15	0.37	0.62	1.5
Toluene	0.15	2.8	0.57	10
Ethyl Benzene	0.15	0.89	0.66	3.9
m,p-Xylene	0.15	2.4	0.66	10
o-Xylene	0.15	0.96	0.66	4.2
Propylbenzene	0.15	0.26	0.75	1.3
4-Ethyltoluene	0.15	1.1	0.75	5.4
1,3,5-Trimethylbenzene	0.15	0.36	0.75	1.8
1,2,4-Trimethylbenzene	0.15	1.2	0.75	6.0

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP2_090507_POSTOX

Lab ID#: 0709101-04A

TPH ref. to Gasoline (MW=100)	3.0	190	12	780

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP4_090507_EFF

Lab ID#: 0709101-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090723**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/7/07 09:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	2.3	0.74	12
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	2.2	1.4	4.2
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	4.1	1.8	9.7
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.40	0.44	1.2
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	Not Detected	0.48	Not Detected
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	1.7	0.56	6.5
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP4_090507_EFF

Lab ID#: 0709101-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090723**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/7/07 09:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	0.64	0.65	2.8
m,p-Xylene	0.15	2.3	0.65	9.8
o-Xylene	0.15	0.64	0.65	2.8
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	0.64	0.73	3.2
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	0.35	0.73	1.7
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	63	12	260

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP4D_090507_EFF

Lab ID#: 0709101-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090724**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/7/07 09:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	2.4	0.75	12
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	2.2	1.4	4.1
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	5.3	1.8	12
2-Propanol	0.76	Not Detected	1.9	Not Detected
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.61	0.45	1.8
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.17	0.48	0.54
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	1.8	0.57	6.7
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP4D_090507_EFF

Lab ID#: 0709101-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090724**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/7/07 09:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	0.90	0.66	3.9
m,p-Xylene	0.15	3.1	0.66	13
o-Xylene	0.15	0.86	0.66	3.7
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.18	0.75	0.90
4-Ethyltoluene	0.15	0.96	0.75	4.7
1,3,5-Trimethylbenzene	0.15	0.16	0.75	0.81
1,2,4-Trimethylbenzene	0.15	0.47	0.75	2.3
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	65	12	260

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP3_090507_MIDCAR

Lab ID#: 0709101-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090725**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/7/07 10:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	2.1	0.74	10
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	2.4	1.4	4.6
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	3.2	1.8	7.7
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	0.94	2.3	2.9
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.53	0.44	1.6
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	0.61	0.73	3.0
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.18	0.48	0.57
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	1.8	0.56	6.8
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP3_090507_MIDCAR

Lab ID#: 0709101-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090725**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/7/07 10:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	0.50	0.65	2.2
m,p-Xylene	0.15	1.3	0.65	5.8
o-Xylene	0.15	0.45	0.65	2.0
Styrene	0.15	0.15	0.63	0.64
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	0.43	0.73	2.1
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	0.31	0.73	1.5
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	69	12	280

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP2_090507_POSTOX

Lab ID#: 0709101-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090726**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/7/07 10:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.75	9.1
Freon 114	0.15	0.19	1.1	1.3
Chloromethane	0.15	0.20	0.31	0.42
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	4.0	1.4	7.6
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	7.2	1.8	17
2-Propanol	0.76	Not Detected	1.9	Not Detected
Carbon Disulfide	0.76	3.5	2.4	11
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	2.5	0.55	9.1
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	0.26	0.54	0.93
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	1.3	0.45	3.9
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	0.18	0.52	0.62
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.66	0.48	2.1
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	0.37	0.62	1.5
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	2.8	0.57	10
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP2_090507_POSTOX

Lab ID#: 0709101-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090726**	**Date of Collection:**	**9/5/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/7/07 10:59 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	0.89	0.66	3.9
m,p-Xylene	0.15	2.4	0.66	10
o-Xylene	0.15	0.96	0.66	4.2
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.26	0.75	1.3
4-Ethyltoluene	0.15	1.1	0.75	5.4
1,3,5-Trimethylbenzene	0.15	0.36	0.75	1.8
1,2,4-Trimethylbenzene	0.15	1.2	0.75	6.0
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	190	12	780

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709101-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090715a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/07 04:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709101-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090715a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/07 04:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709101-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/07 10:31 AM**	

Compound	**%Recovery**
Freon 12	113
Freon 114	114
Chloromethane	114
Vinyl Chloride	112
1,3-Butadiene	109
Bromomethane	97
Chloroethane	106
Freon 11	100
Ethanol	117
Freon 113	102
1,1-Dichloroethene	103
Acetone	106
2-Propanol	93
Carbon Disulfide	88
Methylene Chloride	94
Methyl tert-butyl ether	98
trans-1,2-Dichloroethene	104
Hexane	95
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	107
cis-1,2-Dichloroethene	101
Tetrahydrofuran	99
Chloroform	94
1,1,1-Trichloroethane	95
Cyclohexane	96
Carbon Tetrachloride	104
Benzene	94
1,2-Dichloroethane	117
Heptane	118
Trichloroethene	109
1,2-Dichloropropane	117
1,4-Dioxane	119
Bromodichloromethane	111
cis-1,3-Dichloropropene	115
4-Methyl-2-pentanone	113
Toluene	101
trans-1,3-Dichloropropene	127
1,1,2-Trichloroethane	124
Tetrachloroethene	119

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709101-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/07 10:31 AM**	

Compound	**%Recovery**
2-Hexanone	127
Dibromochloromethane	124
1,2-Dibromoethane (EDB)	116
Chlorobenzene	104
Ethyl Benzene	114
m,p-Xylene	109
o-Xylene	108
Styrene	105
Bromoform	126
Cumene	100
1,1,2,2-Tetrachloroethane	105
Propylbenzene	102
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	100
1,3-Dichlorobenzene	109
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	118
1,2-Dichlorobenzene	115
1,2,4-Trichlorobenzene	115
Hexachlorobutadiene	120
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709101-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090708**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/07 11:13 AM**	

Compound	**%Recovery**
Freon 12	111
Freon 114	114
Chloromethane	110
Vinyl Chloride	109
1,3-Butadiene	105
Bromomethane	97
Chloroethane	109
Freon 11	103
Ethanol	126
Freon 113	117
1,1-Dichloroethene	115
Acetone	117
2-Propanol	93
Carbon Disulfide	89
Methylene Chloride	104
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	107
Hexane	98
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	111
cis-1,2-Dichloroethene	106
Tetrahydrofuran	100
Chloroform	102
1,1,1-Trichloroethane	100
Cyclohexane	100
Carbon Tetrachloride	107
Benzene	98
1,2-Dichloroethane	125
Heptane	123
Trichloroethene	116
1,2-Dichloropropane	121
1,4-Dioxane	121
Bromodichloromethane	118
cis-1,3-Dichloropropene	117
4-Methyl-2-pentanone	114
Toluene	109
trans-1,3-Dichloropropene	130
1,1,2-Trichloroethane	130
Tetrachloroethene	127

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709101-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090708**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/7/07 11:13 AM**	

Compound	**%Recovery**
2-Hexanone	129
Dibromochloromethane	129
1,2-Dibromoethane (EDB)	115
Chlorobenzene	110
Ethyl Benzene	118
m,p-Xylene	113
o-Xylene	111
Styrene	104
Bromoform	128
Cumene	106
1,1,2,2-Tetrachloroethane	107
Propylbenzene	105
4-Ethyltoluene	93
1,3,5-Trimethylbenzene	126
1,2,4-Trimethylbenzene	102
1,3-Dichlorobenzene	113
1,4-Dichlorobenzene	109
alpha-Chlorotoluene	119
1,2-Dichlorobenzene	117
1,2,4-Trichlorobenzene	108
Hexachlorobutadiene	121
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Air Toxics LTD.

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page ____ of ____

Project Manager: Michael Nesky
Collected by: (Print and Sign) Sean Coury
Company: LFR Email: Sean.Coury@lfr.com
Address: 14201 N 87th St Ste 135 City: Scottsdale State: AZ Zip: 85260
Phone: (480) 905 9311 Fax:

Project Info:
P.O. # ~~Bill To~~
Project # 014 10022 15
Project Name: KMEP/Silverscroft

Turn Around Time:
☐ Normal
☑ Rush 24 hr
specify

Lab Use Only
Pressurized by: RB
Date: 9/7/07
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP4-090507-EFF	1624	9/5/07	1415	TO15, TPH	-27	ϕ	3.0"Hg	5.0psi
02A	VSP4D-090507-EFF	4359		1440		-28	ϕ	3.5"Hg	
03A	VSP3-090507-MIDCAR	33996		1420		-27	ϕ	3.0"Hg	
04A	VSP2-090507-POST OX	32112		1430		-25	ϕ	3.5"Hg	
	~~VSP1~~								

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Sean Coury	9/6/07 1415	Monica Green AIL	9/7/07 835
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	859265054452	NA	Good	Yes No (None)	0709101

Form 1293 rev.11

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Friday, September 14, 2007

Sean Coury
LFR - Levine Fricke
14201 N.87th Street
Suite 135
Scottsdale, AZ 85260

TEL: (480) 905-9311
FAX (480) 905-9353

RE: Silvercroft/014-10022-15/007

Order No.: 07090266

Dear Sean Coury:

Aerotech Environmental Laboratories received 5 sample(s) on 9/10/2007 for the analyses presented in the following report.

This report includes the following information:
- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Laurie McBride
Project Manager

Aerotech Environmental Laboratories

Date: *14-Sep-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07090266

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
07090266-01A	VSP-4-090707-Eff	1612	9/7/2007 10:15:00 AM	9/10/2007
07090266-02A	VSP-4D-090707-Eff	1422	9/7/2007 10:20:00 AM	9/10/2007
07090266-03A	VSP-3-090707-MidCar	1244	9/7/2007 10:25:00 AM	9/10/2007
07090266-04A	VSP-2-090707-PostOx	0927	9/7/2007 10:30:00 AM	9/10/2007
07090266-05A	VSP-1-090707-Inf	0737	9/7/2007 10:35:00 AM	9/10/2007

Aerotech Environmental Laboratories

Date: *14-Sep-07*

CLIENT: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007
Lab Order: 07090266

CASE NARRATIVE

Analyses included in this report were performed by Aerotech Environmental Laboratories (AEL), 4645 E. Cotton Center Boulevard, Building 3, Suite 189, Phoenix, AZ.

AEL is licensed through the State of Arizona (License No. AZ0610), and holds NELAC accreditation (OR100001) through the State of Oregon for the analytical techniques noted on the scope of accreditation.

AEL is also accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Samples were analyzed using methods outlined in references such as:
-Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998.
-40 CFR, Part 136, July 2006. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.
-Methods for the Chemical Analysis of Water and Wastes, EPA/600/4-79-020, Revised March 1983.
-Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, August 1995, EPA/600/R-95/131.
-Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, EPA, 3rd Edition 1986, and Updates.
-Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, EPA, Second Edition, 1999.
-NIOSH Manual of Analytical Methods, Fourth Edition, 1994. NIOSH Method 7300 analyses are performed using a modified digestion procedure to eliminate the use of perchloric acid.

Analytical Comments:
All method blanks and laboratory control spikes met method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:
Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4-090707-Eff
Lab Order:	07090266	**Tag Number:**	1612
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	9/7/2007 10:15:00 AM
Lab ID:	07090266-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.81	0.50		ppbv	1	9/11/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/11/2007
Benzene	0.82	0.50		ppbv	1	9/11/2007
Ethylbenzene	1.2	0.50		ppbv	1	9/11/2007
m&p-Xylene	3.8	1.0		ppbv	1	9/11/2007
o-Xylene	1.4	0.50		ppbv	1	9/11/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/11/2007
Toluene	6.6	0.50		ppbv	1	9/11/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/11/2007
Surr: 4-Bromofluorobenzene	105	70-130		%REC	1	9/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		$\mu g/m^3$	1	9/11/2007
Surr: 4-Bromofluorobenzene	90.0	70-130		%REC	1	9/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-4D-090707-Eff
Lab Order:	07090266	**Tag Number:**	1422
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	9/7/2007 10:20:00 AM
Lab ID:	07090266-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: **J.J.**
1,2,4-Trimethylbenzene	0.93	0.50		ppbv	1	9/11/2007
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	9/11/2007
Benzene	< 0.50	0.50		ppbv	1	9/11/2007
Ethylbenzene	0.81	0.50		ppbv	1	9/11/2007
m&p-Xylene	2.7	1.0		ppbv	1	9/11/2007
o-Xylene	1.1	0.50		ppbv	1	9/11/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/11/2007
Toluene	3.7	0.50		ppbv	1	9/11/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/11/2007
Surr: 4-Bromofluorobenzene	99.6	70-130		%REC	1	9/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		TO15MODIFIED				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/11/2007
Surr: 4-Bromofluorobenzene	94.2	70-130		%REC	1	9/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-3-090707-MidCar
Lab Order:	07090266	**Tag Number:**	1244
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	9/7/2007 10:25:00 AM
Lab ID:	07090266-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	1.4	0.50		ppbv	1	9/11/2007
1,3,5-Trimethylbenzene	0.61	0.50		ppbv	1	9/11/2007
Benzene	0.63	0.50		ppbv	1	9/11/2007
Ethylbenzene	0.69	0.50		ppbv	1	9/11/2007
m&p-Xylene	3.1	1.0		ppbv	1	9/11/2007
o-Xylene	1.5	0.50		ppbv	1	9/11/2007
Tetrachloroethene	1.1	0.50		ppbv	1	9/11/2007
Toluene	3.6	0.50		ppbv	1	9/11/2007
Trichloroethene	0.51	0.50		ppbv	1	9/11/2007
Surr: 4-Bromofluorobenzene	96.1	70-130		%REC	1	9/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/11/2007
Surr: 4-Bromofluorobenzene	88.8	70-130		%REC	1	9/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-2-090707-PostOx
Lab Order:	07090266	**Tag Number:**	0927
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	9/7/2007 10:30:00 AM
Lab ID:	07090266-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	3.6	0.50		ppbv	1	9/11/2007
1,3,5-Trimethylbenzene	0.74	0.50		ppbv	1	9/11/2007
Benzene	1.2	0.50		ppbv	1	9/11/2007
Ethylbenzene	1.5	0.50		ppbv	1	9/11/2007
m&p-Xylene	5.0	1.0		ppbv	1	9/11/2007
o-Xylene	1.9	0.50		ppbv	1	9/11/2007
Tetrachloroethene	< 0.50	0.50		ppbv	1	9/11/2007
Toluene	7.1	0.50		ppbv	1	9/11/2007
Trichloroethene	< 0.50	0.50		ppbv	1	9/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	< 500	500		µg/m³	1	9/11/2007
Surr: 4-Bromofluorobenzene	92.6	70-130		%REC	1	9/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

Analytical Report

Date: *14-Sep-07*

CLIENT:	LFR - Levine Fricke	**Client Sample ID:**	VSP-1-090707-Inf
Lab Order:	07090266	**Tag Number:**	0737
Project:	Silvercroft/014-10022-15/007	**Collection Date:**	9/7/2007 10:35:00 AM
Lab ID:	07090266-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**				Analyst: **J.J.**
1,2,4-Trimethylbenzene	120000	100000	D2	ppbv	200000	9/11/2007
1,3,5-Trimethylbenzene	< 100000	100000		ppbv	200000	9/11/2007
Benzene	870000	100000	D2	ppbv	200000	9/11/2007
Ethylbenzene	390000	100000	D2	ppbv	200000	9/11/2007
m&p-Xylene	1100000	200000	D2	ppbv	200000	9/11/2007
o-Xylene	370000	100000	D2	ppbv	200000	9/11/2007
Tetrachloroethene	< 100000	100000		ppbv	200000	9/11/2007
Toluene	3500000	100000	D2	ppbv	200000	9/11/2007
Trichloroethene	< 100000	100000		ppbv	200000	9/11/2007
Surr: 4-Bromofluorobenzene	99.3	70-130		%REC	200000	9/11/2007
GASOLINE RANGE HYDROCARBONS IN AIR		**TO15MODIFIED**				Analyst: **J.J.**
Gasoline Hydrocarbons: C6-C10	380000000	100000000	D2	µg/m³	200000	9/11/2007
Surr: 4-Bromofluorobenzene	97.6	70-130		%REC	200000	9/11/2007

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Aerotech Environmental Laboratories

14-Sep-07

Lab Order: 07090266
Client: LFR - Levine Fricke
Project: Silvercroft/014-10022-15/007

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
07090266-01A	VSP-4-090707-Eff	9/7/2007 10:15:00 AM	Air	Gasoline Hydrocarbons in Air			9/11/2007
				Volatile Organics in Air			9/11/2007
07090266-02A	VSP-4D-090707-Eff	9/7/2007 10:20:00 AM		Gasoline Hydrocarbons in Air			9/11/2007
				Volatile Organics in Air			9/11/2007
07090266-03A	VSP-3-090707-MidCar	9/7/2007 10:25:00 AM		Gasoline Hydrocarbons in Air			9/11/2007
				Volatile Organics in Air			9/11/2007
07090266-04A	VSP-2-090707-PostOx	9/7/2007 10:30:00 AM		Gasoline Hydrocarbons in Air			9/11/2007
				Volatile Organics in Air			9/11/2007
07090266-05A	VSP-1-090707-Inf	9/7/2007 10:35:00 AM		Gasoline Hydrocarbons in Air			9/11/2007
				Volatile Organics in Air			9/11/2007

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a division of Aerotech Laboratories, Inc.

Date: *14-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090266
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **MB-R90955** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90955**
Client ID: Batch ID: **R90955** TestNo: **TO15** Analysis Date: **9/11/2007** SeqNo: **1077043**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
Benzene	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
o-Xylene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Toluene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.910	0.50	10	0	99.1	70	130				

Sample ID: **LCS-R90955** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90955**
Client ID: Batch ID: **R90955** TestNo: **TO15** Analysis Date: **9/11/2007** SeqNo: **1077044**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	11.08	0.50	10	0	111	65	135				
1,3,5-Trimethylbenzene	10.93	0.50	10	0	109	65	135				
Benzene	10.12	0.50	10	0	101	65	135				
Ethylbenzene	10.55	0.50	10	0	106	65	135				
m&p-Xylene	21.01	1.0	20	0	105	65	135				
o-Xylene	10.54	0.50	10	0	105	65	135				
Tetrachloroethene	10.71	0.50	10	0	107	65	135				
Toluene	11.03	0.50	10	0	110	65	135				
Trichloroethene	11.05	0.50	10	0	110	65	135				
Surr: 4-Bromofluorobenzene	10.00	0.50	10	0	100	70	130				

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

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Date: *14-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090266
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R90955** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **90955**
Client ID: Batch ID: **R90955** TestNo: **TO15** Analysis Date: **9/11/2007** SeqNo: **1077067**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	9.930	0.50	10	0	99.3	65	135	11.08	10.9	25	
1,3,5-Trimethylbenzene	9.740	0.50	10	0	97.4	65	135	10.93	11.5	25	
Benzene	9.040	0.50	10	0	90.4	65	135	10.12	11.3	25	
Ethylbenzene	9.430	0.50	10	0	94.3	65	135	10.55	11.2	25	
m&p-Xylene	18.71	1.0	20	0	93.6	65	135	21.01	11.6	25	
o-Xylene	9.350	0.50	10	0	93.5	65	135	10.54	12.0	25	
Tetrachloroethene	9.550	0.50	10	0	95.5	65	135	10.71	11.5	25	
Toluene	9.870	0.50	10	0	98.7	65	135	11.03	11.1	25	
Trichloroethene	9.850	0.50	10	0	98.5	65	135	11.05	11.5	25	
Surr: 4-Bromofluorobenzene	10.40	0.50	10	0	104	70	130	10.00	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories

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Date: *14-Sep-07*

CLIENT: LFR - Levine Fricke
Work Order: 07090266
Project: Silvercroft/014-10022-15/007

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15_GAS

Sample ID: **MB-R90976** SampType: **MBLK** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90976**
Client ID: Batch ID: **R90976** TestNo: **TO15Modifie** Analysis Date: **9/10/2007** SeqNo: **1077280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	<500	500									
Surr: 4-Bromofluorobenzene	66.76	0	72.3	0	92.3	70	130				

Sample ID: **LCS-R90976** SampType: **LCS** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90976**
Client ID: Batch ID: **R90976** TestNo: **TO15Modifie** Analysis Date: **9/10/2007** SeqNo: **1077281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2730	500	2500	0	109	60	140				
Surr: 4-Bromofluorobenzene	73.06	0	72.3	0	101	70	130				

Sample ID: **LCSD-R90976** SampType: **LCSD** TestCode: **TO15_GAS** Units: **µg/m³** Prep Date: RunNo: **90976**
Client ID: Batch ID: **R90976** TestNo: **TO15Modifie** Analysis Date: **9/10/2007** SeqNo: **1077282**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Hydrocarbons: C6-C10	2607	500	2500	0	104	60	140	2730	4.60	35	
Surr: 4-Bromofluorobenzene	71.15	0	72.3	0	98.4	70	130	73.06	0	0	

Qualifiers: * Value exceeds Maximum Contaminant Level ND Not Detected at the Reporting Limit

Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By: [illegible] 9/10/07

Laboratory Number: 0709026G	Completed By/On: [illegible] 9/10/07
Client Name: LFR	Date/Time Rec'd: 9/10/07 1256 By: PF
Matrix: (Air) Soil Aqueous Oil Sludge Solid WW DW	Carrier Name: Client

Temperature	Cooler #1 Amb °C	Cooler #2 °C	Cooler #3 °C	Cooler #4 °C
Temp. Read With	Thermometer IR	Thermometer IR	Thermometer IR	Thermometer IR

Client or PM made aware of temp. out of range? Yes No Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comments about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOGs received with zero headspace?			X

Soil Containers:
Brass Sleeve ____
Glass Jar ____
Methanol ____
Plastic Bag ____
Encore Samplers ____
Sterile Plastic ____

Total number of bottles received: 5 IH sample media: 1L Canister

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A Y

Number of containers received by preservative and by sample number:(If more than 10 samples are rec'd, please continue on separate sheet(s)).

Preservative	Simple***	1	2	3	4	5	6	7	8	9	10
A-General	5										
B-HNO3											
C-H2SO4											
D-HCl											
E-Na2S2O3											
F-NaOH											
G-Sulfide											
H-Na Sulfite											
I-MCAA											
J-Methanol											
K-HAA											
L-Other											

*Any No response must be detailed in the comments section. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001 and continue on back if additional space is needed.

**The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate results, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

***The Simple box is only to be used when there is one bottle per preservative in equal sample sets.

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number and reagent I.D. number.
Metals	<2		
H_2SO_4	<2		
1664	<2		
Cyanide	>12		
Sulfide	>9		

Comments: Sample # 2 changed S/n # from 740 to 142

PHX-SM-002/D-05/07

Aerotech Environmental Laboratories

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[ ] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 0790266

Customer Number:	Page 1 of 1
Customer: LFR	Sampler: DOK
Address: 14701 N. 87th St. Suite 135	Project Name: Silverscroft
City, State, Zip: Scottsdale AZ. 85260	Project Number: 04-10077-15 / 007
Contact: Michael Neeley	P.O. Number:
Phone: 480-905-9311 Fax:	Fax Results: Y (N)
E-Mail Address: [illegible]	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No NA
Total # of Containers: 5

Turn Around Request

____ 24 Hours X 48 Hours
____ 72 Hours
____ 5 working Day
____ Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list MCA	PCE Only by TO-15	TCEH					
1	1612	6, (1) 0.4	VSP-4-090707-EFF	9-7-07	10:15	Air				X		X					
2	~~12-[illegible]~~ 0746	6, (1) 0.4	VSP-4B-090707-EFF		10:20												
3	1244	6, (1) 0.4	VSP-3-090707-Midlar		10:25												
4	0927	6, (1) 0.4	VSP-2-090707-PostOX		10:30												
5	0737	6, (1) 0.4	VSP-1-090707-INF		10:35												
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
9-10-07	8:56	[signature]	[signature]

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709139

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007 Silvercroft
DATE RECEIVED:	09/10/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/11/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-090707-EFF	Modified TO-15	4.0 "Hg
02A	VSP-4D-090707-EFF	Modified TO-15	3.0 "Hg
03A	VSP-3-090707-Mid Can	Modified TO-15	3.0 "Hg
04A	VSP-2-090707-Post Ox	Modified TO-15	5.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 09/11/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0709139

Four 6 Liter Summa Canister (100% Certified) samples were received on September 10, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

The Chain of Custody (COC) information for samples VSP-4-090707-EFF, VSP-4D-090707-EFF, VSP-3-090707-Mid Can and VSP-2-090707-Post Ox did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-090707-EFF

Lab ID#: 0709139-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	2.1	0.77	10
Ethanol	0.78	7.7	1.5	14
Acetone	0.78	5.7	1.8	13
Methyl tert-butyl ether	0.16	0.21	0.56	0.76
2-Butanone (Methyl Ethyl Ketone)	0.16	0.81	0.46	2.4
Benzene	0.16	0.62	0.50	2.0
Heptane	0.16	0.26	0.64	1.0
Toluene	0.16	4.3	0.58	16
Ethyl Benzene	0.16	1.1	0.67	4.7
m,p-Xylene	0.16	2.8	0.67	12
o-Xylene	0.16	0.90	0.67	3.9
Styrene	0.16	0.78	0.66	3.3
Propylbenzene	0.16	0.19	0.76	0.92
4-Ethyltoluene	0.16	0.75	0.76	3.7
1,3,5-Trimethylbenzene	0.16	0.20	0.76	0.97
1,2,4-Trimethylbenzene	0.16	0.71	0.76	3.5
TPH ref. to Gasoline (MW=100)	3.1	98	13	400

Client Sample ID: VSP-4D-090707-EFF

Lab ID#: 0709139-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.74	8.9
Chloromethane	0.15	0.30	0.31	0.62
Ethanol	0.74	11	1.4	21
Acetone	0.74	14	1.8	34
2-Propanol	0.74	8.8	1.8	22
Methyl tert-butyl ether	0.15	0.21	0.54	0.76
Hexane	0.15	0.17	0.52	0.61
2-Butanone (Methyl Ethyl Ketone)	0.15	51	0.44	150
cis-1,2-Dichloroethene	0.15	0.41	0.59	1.6
Tetrahydrofuran	0.74	4.0	2.2	12
Benzene	0.15	1.2	0.48	3.8
Heptane	0.15	0.33	0.61	1.4
Trichloroethene	0.15	0.17	0.80	0.90
1,4-Dioxane	0.15	0.73	0.54	2.6
4-Methyl-2-pentanone	0.15	2.7	0.61	11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4D-090707-EFF

Lab ID#: 0709139-02A

Toluene	0.15	21	0.56	79
2-Hexanone	0.74	1.0	3.0	4.2
Ethyl Benzene	0.15	2.2	0.65	9.7
m,p-Xylene	0.15	5.2	0.65	23
o-Xylene	0.15	1.4	0.65	6.3
Styrene	0.15	0.88	0.63	3.8
Propylbenzene	0.15	0.30	0.73	1.4
4-Ethyltoluene	0.15	1.1	0.73	5.4
1,3,5-Trimethylbenzene	0.15	0.27	0.73	1.3
1,2,4-Trimethylbenzene	0.15	1.2	0.73	6.2
1,4-Dichlorobenzene	0.15	0.42	0.90	2.5
1,2-Dichlorobenzene	0.15	0.22	0.90	1.3
TPH ref. to Gasoline (MW=100)	3.0	260	12	1100

Client Sample ID: VSP-3-090707-Mid Can

Lab ID#: 0709139-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.6	0.74	7.9
Chloromethane	0.15	0.34	0.31	0.69
Ethanol	0.74	4.7	1.4	8.8
Acetone	0.74	3.3	1.8	7.8
Methyl tert-butyl ether	0.15	0.16	0.54	0.56
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.44	2.0
Benzene	0.15	0.59	0.48	1.9
Heptane	0.15	0.24	0.61	0.98
Toluene	0.15	3.6	0.56	13
Ethyl Benzene	0.15	1.0	0.65	4.3
m,p-Xylene	0.15	2.7	0.65	12
o-Xylene	0.15	0.93	0.65	4.0
Styrene	0.15	0.72	0.63	3.1
Propylbenzene	0.15	0.17	0.73	0.85
4-Ethyltoluene	0.15	0.72	0.73	3.5
1,3,5-Trimethylbenzene	0.15	0.19	0.73	0.92
1,2,4-Trimethylbenzene	0.15	0.76	0.73	3.7
TPH ref. to Gasoline (MW=100)	3.0	82	12	340

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-2-090707-Post Ox

Lab ID#: 0709139-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	2.2	0.80	11
Freon 114	0.16	0.31	1.1	2.2
Chloromethane	0.16	0.33	0.33	0.68
Bromomethane	0.16	0.17	0.62	0.65
Ethanol	0.80	12	1.5	23
Acetone	0.80	6.9	1.9	16
Carbon Disulfide	0.80	8.0	2.5	25
Methyl tert-butyl ether	0.16	0.46	0.58	1.7
Hexane	0.16	0.27	0.57	0.94
2-Butanone (Methyl Ethyl Ketone)	0.16	1.2	0.47	3.4
Cyclohexane	0.16	0.29	0.55	1.0
Benzene	0.16	1.5	0.51	4.8
Heptane	0.16	0.44	0.66	1.8
4-Methyl-2-pentanone	0.16	0.27	0.66	1.1
Toluene	0.16	5.3	0.61	20
Ethyl Benzene	0.16	1.2	0.70	5.3
m,p-Xylene	0.16	3.2	0.70	14
o-Xylene	0.16	1.1	0.70	4.9
Styrene	0.16	0.86	0.68	3.6
Cumene	0.16	0.17	0.79	0.83
Propylbenzene	0.16	0.23	0.79	1.1
4-Ethyltoluene	0.16	0.83	0.79	4.1
1,3,5-Trimethylbenzene	0.16	0.24	0.79	1.2
1,2,4-Trimethylbenzene	0.16	0.85	0.79	4.2
TPH ref. to Gasoline (MW=100)	3.2	160	13	650

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-090707-EFF

Lab ID#: 0709139-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090927**	**Date of Collection:**	**9/7/07**
Dil. Factor:	**1.55**	**Date of Analysis:**	**9/10/07 12:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	2.1	0.77	10
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	Not Detected	0.32	Not Detected
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,3-Butadiene	0.16	Not Detected	0.34	Not Detected
Bromomethane	0.16	Not Detected	0.60	Not Detected
Chloroethane	0.16	Not Detected	0.41	Not Detected
Freon 11	0.16	Not Detected	0.87	Not Detected
Ethanol	0.78	7.7	1.5	14
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Acetone	0.78	5.7	1.8	13
2-Propanol	0.78	Not Detected	1.9	Not Detected
Carbon Disulfide	0.78	Not Detected	2.4	Not Detected
Methylene Chloride	0.31	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	0.21	0.56	0.76
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Hexane	0.16	Not Detected	0.55	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.63	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.81	0.46	2.4
cis-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Tetrahydrofuran	0.78	Not Detected	2.3	Not Detected
Chloroform	0.16	Not Detected	0.76	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Cyclohexane	0.16	Not Detected	0.53	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.98	Not Detected
Benzene	0.16	0.62	0.50	2.0
1,2-Dichloroethane	0.16	Not Detected	0.63	Not Detected
Heptane	0.16	0.26	0.64	1.0
Trichloroethene	0.16	Not Detected	0.83	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.72	Not Detected
1,4-Dioxane	0.16	Not Detected	0.56	Not Detected
Bromodichloromethane	0.16	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.63	Not Detected
Toluene	0.16	4.3	0.58	16
trans-1,3-Dichloropropene	0.16	Not Detected	0.70	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.84	Not Detected
Tetrachloroethene	0.16	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-090707-EFF

Lab ID#: 0709139-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090927**	**Date of Collection:**	**9/7/07**
Dil. Factor:	**1.55**	**Date of Analysis:**	**9/10/07 12:21 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.78	Not Detected	3.2	Not Detected
Dibromochloromethane	0.16	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.71	Not Detected
Ethyl Benzene	0.16	1.1	0.67	4.7
m,p-Xylene	0.16	2.8	0.67	12
o-Xylene	0.16	0.90	0.67	3.9
Styrene	0.16	0.78	0.66	3.3
Bromoform	0.16	Not Detected	1.6	Not Detected
Cumene	0.16	Not Detected	0.76	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	0.19	0.76	0.92
4-Ethyltoluene	0.16	0.75	0.76	3.7
1,3,5-Trimethylbenzene	0.16	0.20	0.76	0.97
1,2,4-Trimethylbenzene	0.16	0.71	0.76	3.5
1,3-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.80	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.93	Not Detected
1,2,4-Trichlorobenzene	0.78	Not Detected	5.8	Not Detected
Hexachlorobutadiene	0.78	Not Detected	8.3	Not Detected
TPH ref. to Gasoline (MW=100)	3.1	98	13	400

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	91	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-090707-EFF

Lab ID#: 0709139-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090928**	**Date of Collection: 9/7/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 9/10/07 12:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.8	0.74	8.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.30	0.31	0.62
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	11	1.4	21
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	14	1.8	34
2-Propanol	0.74	8.8	1.8	22
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	0.21	0.54	0.76
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	0.17	0.52	0.61
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	51	0.44	150
cis-1,2-Dichloroethene	0.15	0.41	0.59	1.6
Tetrahydrofuran	0.74	4.0	2.2	12
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	1.2	0.48	3.8
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	0.33	0.61	1.4
Trichloroethene	0.15	0.17	0.80	0.90
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	0.73	0.54	2.6
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	2.7	0.61	11
Toluene	0.15	21	0.56	79
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-090707-EFF

Lab ID#: 0709139-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090928**	**Date of Collection:**	**9/7/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/10/07 12:52 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	1.0	3.0	4.2
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	2.2	0.65	9.7
m,p-Xylene	0.15	5.2	0.65	23
o-Xylene	0.15	1.4	0.65	6.3
Styrene	0.15	0.88	0.63	3.8
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.30	0.73	1.4
4-Ethyltoluene	0.15	1.1	0.73	5.4
1,3,5-Trimethylbenzene	0.15	0.27	0.73	1.3
1,2,4-Trimethylbenzene	0.15	1.2	0.73	6.2
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	0.42	0.90	2.5
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	0.22	0.90	1.3
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	260	12	1100

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-090707-Mid Can

Lab ID#: 0709139-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090929**	**Date of Collection: 9/7/07**	
Dil. Factor:	**1.49**	**Date of Analysis: 9/10/07 01:24 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.6	0.74	7.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	0.34	0.31	0.69
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	4.7	1.4	8.8
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	3.3	1.8	7.8
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	0.16	0.54	0.56
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.44	2.0
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.59	0.48	1.9
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	0.24	0.61	0.98
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	3.6	0.56	13
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-090707-Mid Can

Lab ID#: 0709139-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090929**	**Date of Collection:**	**9/7/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/10/07 01:24 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	1.0	0.65	4.3
m,p-Xylene	0.15	2.7	0.65	12
o-Xylene	0.15	0.93	0.65	4.0
Styrene	0.15	0.72	0.63	3.1
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.17	0.73	0.85
4-Ethyltoluene	0.15	0.72	0.73	3.5
1,3,5-Trimethylbenzene	0.15	0.19	0.73	0.92
1,2,4-Trimethylbenzene	0.15	0.76	0.73	3.7
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	82	12	340

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	89	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-090707-Post Ox

Lab ID#: 0709139-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090931**	**Date of Collection: 9/7/07**	
Dil. Factor:	**1.61**	**Date of Analysis: 9/10/07 05:01 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	2.2	0.80	11
Freon 114	0.16	0.31	1.1	2.2
Chloromethane	0.16	0.33	0.33	0.68
Vinyl Chloride	0.16	Not Detected	0.41	Not Detected
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.16	0.17	0.62	0.65
Chloroethane	0.16	Not Detected	0.42	Not Detected
Freon 11	0.16	Not Detected	0.90	Not Detected
Ethanol	0.80	12	1.5	23
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.80	6.9	1.9	16
2-Propanol	0.80	Not Detected	2.0	Not Detected
Carbon Disulfide	0.80	8.0	2.5	25
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	0.46	0.58	1.7
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Hexane	0.16	0.27	0.57	0.94
1,1-Dichloroethane	0.16	Not Detected	0.65	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	1.2	0.47	3.4
cis-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Tetrahydrofuran	0.80	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.79	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.88	Not Detected
Cyclohexane	0.16	0.29	0.55	1.0
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
Benzene	0.16	1.5	0.51	4.8
1,2-Dichloroethane	0.16	Not Detected	0.65	Not Detected
Heptane	0.16	0.44	0.66	1.8
Trichloroethene	0.16	Not Detected	0.86	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.74	Not Detected
1,4-Dioxane	0.16	Not Detected	0.58	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.73	Not Detected
4-Methyl-2-pentanone	0.16	0.27	0.66	1.1
Toluene	0.16	5.3	0.61	20
trans-1,3-Dichloropropene	0.16	Not Detected	0.73	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.88	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-090707-Post Ox

Lab ID#: 0709139-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090931**	**Date of Collection:**	**9/7/07**
Dil. Factor:	**1.61**	**Date of Analysis:**	**9/10/07 05:01 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.80	Not Detected	3.3	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.74	Not Detected
Ethyl Benzene	0.16	1.2	0.70	5.3
m,p-Xylene	0.16	3.2	0.70	14
o-Xylene	0.16	1.1	0.70	4.9
Styrene	0.16	0.86	0.68	3.6
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	0.17	0.79	0.83
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	0.23	0.79	1.1
4-Ethyltoluene	0.16	0.83	0.79	4.1
1,3,5-Trimethylbenzene	0.16	0.24	0.79	1.2
1,2,4-Trimethylbenzene	0.16	0.85	0.79	4.2
1,3-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.83	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,2,4-Trichlorobenzene	0.80	Not Detected	6.0	Not Detected
Hexachlorobutadiene	0.80	Not Detected	8.6	Not Detected
TPH ref. to Gasoline (MW=100)	3.2	160	13	650

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709139-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090913a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/9/07 11:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709139-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090913a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/9/07 11:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	99	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709139-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090908**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/9/07 06:54 PM**	

Compound	%Recovery
Freon 12	111
Freon 114	113
Chloromethane	113
Vinyl Chloride	112
1,3-Butadiene	110
Bromomethane	99
Chloroethane	110
Freon 11	99
Ethanol	92
Freon 113	103
1,1-Dichloroethene	105
Acetone	109
2-Propanol	86
Carbon Disulfide	89
Methylene Chloride	94
Methyl tert-butyl ether	96
trans-1,2-Dichloroethene	107
Hexane	96
1,1-Dichloroethane	97
2-Butanone (Methyl Ethyl Ketone)	107
cis-1,2-Dichloroethene	100
Tetrahydrofuran	95
Chloroform	97
1,1,1-Trichloroethane	95
Cyclohexane	98
Carbon Tetrachloride	102
Benzene	98
1,2-Dichloroethane	117
Heptane	120
Trichloroethene	112
1,2-Dichloropropane	118
1,4-Dioxane	115
Bromodichloromethane	111
cis-1,3-Dichloropropene	114
4-Methyl-2-pentanone	108
Toluene	102
trans-1,3-Dichloropropene	128
1,1,2-Trichloroethane	126
Tetrachloroethene	118

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709139-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090908**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/9/07 06:54 PM**	

Compound	**%Recovery**
2-Hexanone	126
Dibromochloromethane	123
1,2-Dibromoethane (EDB)	116
Chlorobenzene	105
Ethyl Benzene	112
m,p-Xylene	109
o-Xylene	108
Styrene	105
Bromoform	120
Cumene	100
1,1,2,2-Tetrachloroethane	101
Propylbenzene	100
4-Ethyltoluene	89
1,3,5-Trimethylbenzene	121
1,2,4-Trimethylbenzene	99
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	106
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	111
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	113
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709139-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090910**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/9/07 08:17 PM**	

Compound	%Recovery
Freon 12	110
Freon 114	114
Chloromethane	111
Vinyl Chloride	112
1,3-Butadiene	108
Bromomethane	103
Chloroethane	112
Freon 11	103
Ethanol	130
Freon 113	121
1,1-Dichloroethene	121
Acetone	127
2-Propanol	98
Carbon Disulfide	94
Methylene Chloride	108
Methyl tert-butyl ether	103
trans-1,2-Dichloroethene	111
Hexane	98
1,1-Dichloroethane	105
2-Butanone (Methyl Ethyl Ketone)	118
cis-1,2-Dichloroethene	110
Tetrahydrofuran	101
Chloroform	104
1,1,1-Trichloroethane	100
Cyclohexane	103
Carbon Tetrachloride	107
Benzene	103
1,2-Dichloroethane	125
Heptane	124
Trichloroethene	116
1,2-Dichloropropane	124
1,4-Dioxane	125
Bromodichloromethane	118
cis-1,3-Dichloropropene	121
4-Methyl-2-pentanone	116
Toluene	111
trans-1,3-Dichloropropene	136 Q
1,1,2-Trichloroethane	131 Q
Tetrachloroethene	128

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709139-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z090910**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/9/07 08:17 PM**	

Compound	**%Recovery**
2-Hexanone	136
Dibromochloromethane	131
1,2-Dibromoethane (EDB)	118
Chlorobenzene	111
Ethyl Benzene	118
m,p-Xylene	113
o-Xylene	113
Styrene	105
Bromoform	130
Cumene	108
1,1,2,2-Tetrachloroethane	109
Propylbenzene	109
4-Ethyltoluene	94
1,3,5-Trimethylbenzene	124
1,2,4-Trimethylbenzene	104
1,3-Dichlorobenzene	112
1,4-Dichlorobenzene	110
alpha-Chlorotoluene	121
1,2-Dichlorobenzene	117
1,2,4-Trichlorobenzene	103
Hexachlorobutadiene	120
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

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CHAIN-OF-CUSTODY RECORD

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Page 1 of 1

Project Manager: Michael Nasky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Email: sean.coughlin@lfr
Address: 4701 N 87th St City: Scottsdale State: Az Zip: 85260
Phone: 480-905-0311 Fax:

Project Info:
P.O. #:
Project #: 014-10022-15/007
Project Name: Silver Croft

Turn Around Time:
☐ Normal
☑ Rush 24hr TAT (specify)

Lab Use Only
Pressurized by:
Date: 9/6/07
Pressurization Gas: N2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-090707-EFF	35146	9-7-07	10:15	TO15mod TPH	25.5	0	4.0"Hg	5.0 psi
02A	VSP-4D-090707-EFF	12947	↓	10:20	↓	25	0	3.0"Hg	↓
03A	VSP-3-090707-Post Ox	15286	↓	10:25	↓	25	0	3.0"Hg	↓
04A	VSP-2-090707-Post Ox	34449	↓	10:30	↓	26	0	5.0"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9-8-07 14:30	Monica Giesen ATL	9/10/07 8:25
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8612 6199 5532	NA	Good	Yes No None	0709139

Form 1269 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709304

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	0141002215/007 Silvercroft
DATE RECEIVED:	09/17/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/18/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-091407-EFF	Modified TO-15	2.5 "Hg
01AA	VSP-4-091407-EFF Lab Duplicate	Modified TO-15	2.5 "Hg
02A	VSP-3-091407-Midcar	Modified TO-15	3.0 "Hg
03A	VSP-3D-091407-Midcar	Modified TO-15	3.5 "Hg
04A	VSP-2-091407-POST OX	Modified TO-15	3.5 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman DATE: 09/18/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0709304

Four 6 Liter Summa Canister (100% Certified) samples were received on September 17, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

The Chain of Custody (COC) information for samples VSP-4-091407-EFF, VSP-3-091407-Midcar, VSP-3D-091407-Midcar and VSP-2-091407-POST OX did not match the entries on the sample tags with regard to sample identification. Therefore the information on the COC was used to process and report the samples.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction

not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-091407-EFF

Lab ID#: 0709304-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.72	6.3
Ethanol	0.73	1.3	1.4	2.5
Acetone	0.73	3.0	1.7	7.0
Carbon Disulfide	0.73	4.2	2.3	13
2-Butanone (Methyl Ethyl Ketone)	0.15	0.72	0.43	2.1
Tetrahydrofuran	0.73	1.9	2.2	5.7
Benzene	0.15	0.34	0.47	1.1
Trichloroethene	0.15	1.0	0.78	5.5
Toluene	0.15	1.1	0.55	4.0
Ethyl Benzene	0.15	0.63	0.63	2.7
m,p-Xylene	0.15	2.3	0.63	9.8
o-Xylene	0.15	0.92	0.63	4.0
Styrene	0.15	0.19	0.62	0.82
Propylbenzene	0.15	0.18	0.72	0.89
4-Ethyltoluene	0.15	0.73	0.72	3.6
1,3,5-Trimethylbenzene	0.15	0.21	0.72	1.0
1,2,4-Trimethylbenzene	0.15	0.89	0.72	4.4
TPH ref. to Gasoline (MW=100)	2.9	42	12	170

Client Sample ID: VSP-4-091407-EFF Lab Duplicate

Lab ID#: 0709304-01AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.4	0.72	6.8
Ethanol	0.73	1.2	1.4	2.2
Acetone	0.73	2.7	1.7	6.4
Carbon Disulfide	0.73	4.2	2.3	13
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.43	2.0
Tetrahydrofuran	0.73	1.6	2.2	4.8
Benzene	0.15	0.29	0.47	0.92
Trichloroethene	0.15	1.1	0.78	5.7
Toluene	0.15	0.99	0.55	3.7
Ethyl Benzene	0.15	0.60	0.63	2.6
m,p-Xylene	0.15	2.2	0.63	9.7
o-Xylene	0.15	0.90	0.63	3.9
Styrene	0.15	0.17	0.62	0.71
Propylbenzene	0.15	0.17	0.72	0.84

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-091407-EFF Lab Duplicate

Lab ID#: 0709304-01AA

4-Ethyltoluene	0.15	0.73	0.72	3.6
1,3,5-Trimethylbenzene	0.15	0.20	0.72	1.0
1,2,4-Trimethylbenzene	0.15	0.88	0.72	4.3
TPH ref. to Gasoline (MW=100)	2.9	37	12	150

Client Sample ID: VSP-3-091407-Midcar

Lab ID#: 0709304-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.2	0.74	5.9
Ethanol	0.74	1.9	1.4	3.6
Acetone	0.74	1.9	1.8	4.4
2-Butanone (Methyl Ethyl Ketone)	0.15	0.56	0.44	1.6
Tetrahydrofuran	0.74	1.0	2.2	3.0
Benzene	0.15	0.36	0.48	1.2
Toluene	0.15	0.81	0.56	3.1
Ethyl Benzene	0.15	0.37	0.65	1.6
m,p-Xylene	0.15	1.2	0.65	5.0
o-Xylene	0.15	0.51	0.65	2.2
4-Ethyltoluene	0.15	0.44	0.73	2.2
1,2,4-Trimethylbenzene	0.15	0.57	0.73	2.8
TPH ref. to Gasoline (MW=100)	3.0	34	12	140

Client Sample ID: VSP-3D-091407-Midcar

Lab ID#: 0709304-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.0	0.75	5.2
Chloromethane	0.15	0.39	0.31	0.82
Ethanol	0.76	1.8	1.4	3.4
Acetone	0.76	4.5	1.8	11
2-Propanol	0.76	1.2	1.9	2.8
2-Butanone (Methyl Ethyl Ketone)	0.15	0.74	0.45	2.2
Tetrahydrofuran	0.76	1.0	2.2	2.9
Benzene	0.15	0.39	0.48	1.2
Toluene	0.15	0.63	0.57	2.4
Ethyl Benzene	0.15	0.35	0.66	1.5
m,p-Xylene	0.15	1.2	0.66	5.0

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-3D-091407-Midcar

Lab ID#: 0709304-03A

o-Xylene	0.15	0.49	0.66	2.1
4-Ethyltoluene	0.15	0.44	0.75	2.2
1,2,4-Trimethylbenzene	0.15	0.59	0.75	2.9
TPH ref. to Gasoline (MW=100)	3.0	19	12	77

Client Sample ID: VSP-2-091407-POST OX

Lab ID#: 0709304-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.4	0.75	6.8
Chloromethane	0.15	0.19	0.31	0.40
Ethanol	0.76	6.0	1.4	11
Acetone	0.76	3.4	1.8	8.2
Methyl tert-butyl ether	0.15	0.81	0.55	2.9
Hexane	0.15	0.23	0.54	0.82
2-Butanone (Methyl Ethyl Ketone)	0.15	0.92	0.45	2.7
Benzene	0.15	7.4	0.48	24
Heptane	0.15	0.19	0.62	0.77
Toluene	0.15	1.5	0.57	5.5
Ethyl Benzene	0.15	0.24	0.66	1.0
m,p-Xylene	0.15	0.84	0.66	3.6
o-Xylene	0.15	0.38	0.66	1.6
4-Ethyltoluene	0.15	0.30	0.75	1.5
1,2,4-Trimethylbenzene	0.15	0.33	0.75	1.6
TPH ref. to Gasoline (MW=100)	3.0	85	12	350

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-091407-EFF

Lab ID#: 0709304-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091708**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**9/17/07 07:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.72	6.3
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.3	1.4	2.5
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	3.0	1.7	7.0
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	4.2	2.3	13
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.72	0.43	2.1
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	1.9	2.2	5.7
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.34	0.47	1.1
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	1.0	0.78	5.5
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	1.1	0.55	4.0
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-091407-EFF

Lab ID#: 0709304-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091708**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**9/17/07 07:25 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	0.63	0.63	2.7
m,p-Xylene	0.15	2.3	0.63	9.8
o-Xylene	0.15	0.92	0.63	4.0
Styrene	0.15	0.19	0.62	0.82
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.18	0.72	0.89
4-Ethyltoluene	0.15	0.73	0.72	3.6
1,3,5-Trimethylbenzene	0.15	0.21	0.72	1.0
1,2,4-Trimethylbenzene	0.15	0.89	0.72	4.4
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	42	12	170

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-091407-EFF Lab Duplicate

Lab ID#: 0709304-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091713**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**9/17/07 10:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.4	0.72	6.8
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.2	1.4	2.2
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	2.7	1.7	6.4
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	4.2	2.3	13
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.68	0.43	2.0
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	1.6	2.2	4.8
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	0.29	0.47	0.92
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	Not Detected	0.60	Not Detected
Trichloroethene	0.15	1.1	0.78	5.7
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	0.99	0.55	3.7
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-091407-EFF Lab Duplicate

Lab ID#: 0709304-01AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091713**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**9/17/07 10:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	0.60	0.63	2.6
m,p-Xylene	0.15	2.2	0.63	9.7
o-Xylene	0.15	0.90	0.63	3.9
Styrene	0.15	0.17	0.62	0.71
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.17	0.72	0.84
4-Ethyltoluene	0.15	0.73	0.72	3.6
1,3,5-Trimethylbenzene	0.15	0.20	0.72	1.0
1,2,4-Trimethylbenzene	0.15	0.88	0.72	4.3
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	37	12	150

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	101	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-091407-Midcar

Lab ID#: 0709304-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091710**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/17/07 08:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.2	0.74	5.9
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	1.9	1.4	3.6
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	1.9	1.8	4.4
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.56	0.44	1.6
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	1.0	2.2	3.0
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.36	0.48	1.2
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.81	0.56	3.1
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-091407-Midcar

Lab ID#: 0709304-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091710**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/17/07 08:38 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	0.37	0.65	1.6
m,p-Xylene	0.15	1.2	0.65	5.0
o-Xylene	0.15	0.51	0.65	2.2
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	0.44	0.73	2.2
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	0.57	0.73	2.8
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	34	12	140

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	97	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-091407-Midcar

Lab ID#: 0709304-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091714**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/18/07 12:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.0	0.75	5.2
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.39	0.31	0.82
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	1.8	1.4	3.4
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	4.5	1.8	11
2-Propanol	0.76	1.2	1.9	2.8
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.55	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	Not Detected	0.54	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.74	0.45	2.2
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	1.0	2.2	2.9
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	0.39	0.48	1.2
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	0.63	0.57	2.4
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-091407-Midcar

Lab ID#: 0709304-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091714**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/18/07 12:03 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	0.35	0.66	1.5
m,p-Xylene	0.15	1.2	0.66	5.0
o-Xylene	0.15	0.49	0.66	2.1
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	0.44	0.75	2.2
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	0.59	0.75	2.9
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	19	12	77

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-091407-POST OX

Lab ID#: 0709304-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091715**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/18/07 12:40 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.4	0.75	6.8
Freon 114	0.15	Not Detected	1.1	Not Detected
Chloromethane	0.15	0.19	0.31	0.40
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,3-Butadiene	0.15	Not Detected	0.34	Not Detected
Bromomethane	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.15	Not Detected	0.40	Not Detected
Freon 11	0.15	Not Detected	0.85	Not Detected
Ethanol	0.76	6.0	1.4	11
Freon 113	0.15	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Acetone	0.76	3.4	1.8	8.2
2-Propanol	0.76	Not Detected	1.9	Not Detected
Carbon Disulfide	0.76	Not Detected	2.4	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	0.81	0.55	2.9
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Hexane	0.15	0.23	0.54	0.82
1,1-Dichloroethane	0.15	Not Detected	0.62	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.92	0.45	2.7
cis-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Tetrahydrofuran	0.76	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.74	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Cyclohexane	0.15	Not Detected	0.52	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.96	Not Detected
Benzene	0.15	7.4	0.48	24
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Heptane	0.15	0.19	0.62	0.77
Trichloroethene	0.15	Not Detected	0.82	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.70	Not Detected
1,4-Dioxane	0.15	Not Detected	0.55	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.62	Not Detected
Toluene	0.15	1.5	0.57	5.5
trans-1,3-Dichloropropene	0.15	Not Detected	0.69	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.83	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-091407-POST OX

Lab ID#: 0709304-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091715**	**Date of Collection:**	**9/14/07**
Dil. Factor:	**1.52**	**Date of Analysis:**	**9/18/07 12:40 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.76	Not Detected	3.1	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.2	Not Detected
Chlorobenzene	0.15	Not Detected	0.70	Not Detected
Ethyl Benzene	0.15	0.24	0.66	1.0
m,p-Xylene	0.15	0.84	0.66	3.6
o-Xylene	0.15	0.38	0.66	1.6
Styrene	0.15	Not Detected	0.65	Not Detected
Bromoform	0.15	Not Detected	1.6	Not Detected
Cumene	0.15	Not Detected	0.75	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.75	Not Detected
4-Ethyltoluene	0.15	0.30	0.75	1.5
1,3,5-Trimethylbenzene	0.15	Not Detected	0.75	Not Detected
1,2,4-Trimethylbenzene	0.15	0.33	0.75	1.6
1,3-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.79	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.91	Not Detected
1,2,4-Trichlorobenzene	0.76	Not Detected	5.6	Not Detected
Hexachlorobutadiene	0.76	Not Detected	8.1	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	85	12	350

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709304-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/07 05:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709304-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091707**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/07 05:52 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	94	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709304-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/07 11:56 AM**	

Compound	**%Recovery**
Freon 12	98
Freon 114	101
Chloromethane	105
Vinyl Chloride	99
1,3-Butadiene	106
Bromomethane	86
Chloroethane	95
Freon 11	85
Ethanol	120
Freon 113	89
1,1-Dichloroethene	110
Acetone	105
2-Propanol	124
Carbon Disulfide	98
Methylene Chloride	91
Methyl tert-butyl ether	123
trans-1,2-Dichloroethene	102
Hexane	123
1,1-Dichloroethane	101
2-Butanone (Methyl Ethyl Ketone)	126
cis-1,2-Dichloroethene	110
Tetrahydrofuran	126
Chloroform	95
1,1,1-Trichloroethane	100
Cyclohexane	118
Carbon Tetrachloride	110
Benzene	89
1,2-Dichloroethane	96
Heptane	112
Trichloroethene	106
1,2-Dichloropropane	98
1,4-Dioxane	120
Bromodichloromethane	100
cis-1,3-Dichloropropene	120
4-Methyl-2-pentanone	127
Toluene	100
trans-1,3-Dichloropropene	111
1,1,2-Trichloroethane	95
Tetrachloroethene	95

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709304-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091702**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/07 11:56 AM**	

Compound	**%Recovery**
2-Hexanone	117
Dibromochloromethane	110
1,2-Dibromoethane (EDB)	102
Chlorobenzene	94
Ethyl Benzene	106
m,p-Xylene	110
o-Xylene	116
Styrene	115
Bromoform	117
Cumene	113
1,1,2,2-Tetrachloroethane	93
Propylbenzene	106
4-Ethyltoluene	107
1,3,5-Trimethylbenzene	103
1,2,4-Trimethylbenzene	109
1,3-Dichlorobenzene	100
1,4-Dichlorobenzene	100
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	97
1,2,4-Trichlorobenzene	100
Hexachlorobutadiene	95
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709304-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091703**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/07 01:08 PM**

Compound	%Recovery
Freon 12	96
Freon 114	100
Chloromethane	94
Vinyl Chloride	94
1,3-Butadiene	95
Bromomethane	86
Chloroethane	92
Freon 11	86
Ethanol	136
Freon 113	104
1,1-Dichloroethene	122
Acetone	112
2-Propanol	117
Carbon Disulfide	97
Methylene Chloride	100
Methyl tert-butyl ether	123
trans-1,2-Dichloroethene	104
Hexane	123
1,1-Dichloroethane	103
2-Butanone (Methyl Ethyl Ketone)	140
cis-1,2-Dichloroethene	119
Tetrahydrofuran	116
Chloroform	102
1,1,1-Trichloroethane	106
Cyclohexane	119
Carbon Tetrachloride	118
Benzene	91
1,2-Dichloroethane	100
Heptane	114
Trichloroethene	114
1,2-Dichloropropane	99
1,4-Dioxane	116
Bromodichloromethane	105
cis-1,3-Dichloropropene	124
4-Methyl-2-pentanone	123
Toluene	108
trans-1,3-Dichloropropene	118
1,1,2-Trichloroethane	103
Tetrachloroethene	110

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709304-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z091703**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/17/07 01:08 PM**	

Compound	**%Recovery**
2-Hexanone	116
Dibromochloromethane	121
1,2-Dibromoethane (EDB)	108
Chlorobenzene	102
Ethyl Benzene	114
m,p-Xylene	119
o-Xylene	126
Styrene	115
Bromoform	129
Cumene	124
1,1,2,2-Tetrachloroethane	98
Propylbenzene	117
4-Ethyltoluene	116
1,3,5-Trimethylbenzene	110
1,2,4-Trimethylbenzene	116
1,3-Dichlorobenzene	108
1,4-Dichlorobenzene	108
alpha-Chlorotoluene	119
1,2-Dichlorobenzene	106
1,2,4-Trichlorobenzene	112
Hexachlorobutadiene	107
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Michael Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR inc Email: sean.carey@lfr.com
Address: 14201 N 87th St. City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-0311 Fax:

Project Info:
P.O. #:
Project #: 0141002215/007
Project Name: Silverwolf

Turn Around Time:
☐ Normal
☑ Rush 24h TAT
specify

Lab Use Only
Pressurized by: DS
Date: 9/17/07
Pressurization Gas: (N2) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-091407-EFF	12705	9-14-07	10:45	To-15 mod TPH	29.5	0	25"Hg	5.0 psi
02A	VSP-3-091407-Mid car	411	↓	10:50	↓	28.5	0	3.0"Hg	↓
03A	VSP-3D-091407-mid car	33934	↓	10:55	↓	29	0	3.5"Hg	↓
04A	VSP-2-091407-post ox	33321	↓	11:00	↓	28.5	0	3.5"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9-15-07 16:00	[signature] - AIR	9/17/07 0830

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx	8620 6274 3765	NA	good	Yes No None	0709304

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Air Toxics Ltd. Introduces the Electronic Report

Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0709359

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002215/007 Silvercroft
DATE RECEIVED:	09/19/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	09/20/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-091807-EFF	Modified TO-15	2.5 "Hg
02A	VSP-4D-091807-EFF	Modified TO-15	5.5 "Hg
03A	VSP-3-091807-Midcar	Modified TO-15	2.0 "Hg
04A	VSP-2-091807-Post Ox	Modified TO-15	3.0 "Hg
05A	Lab Blank	Modified TO-15	NA
06A	CCV	Modified TO-15	NA
07A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman DATE: 09/20/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0709359

Four 6 Liter Summa Canister (100% Certified) samples were received on September 19, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 1.0 liter of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
ICAL %RSD acceptance criteria	+- 30% RSD with 2 compounds allowed out to < 40% RSD	30% RSD with 4 compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	</= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request

Receiving Notes

Sample identification for sample VSP-2-091807-Post Ox was not provided on the sample tag. Therefore the information on the Chain of Custody was used to process and report the sample.

Analytical Notes

All Quality Control Limit failures and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction

not performed).

J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-091807-EFF

Lab ID#: 0709359-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.96	0.72	4.7
Ethanol	0.73	1.8	1.4	3.5
Acetone	0.73	3.6	1.7	8.7
Hexane	0.15	0.38	0.51	1.3
2-Butanone (Methyl Ethyl Ketone)	0.15	0.36	0.43	1.1
Cyclohexane	0.15	0.42	0.50	1.4
Benzene	0.15	1.1	0.47	3.6
Heptane	0.15	0.34 J	0.60	1.4 J
Toluene	0.15	6.7	0.55	25
Ethyl Benzene	0.15	2.2	0.63	9.6
m,p-Xylene	0.15	8.8	0.63	38
o-Xylene	0.15	2.7	0.63	12
Styrene	0.15	0.20	0.62	0.85
Propylbenzene	0.15	0.72	0.72	3.6
4-Ethyltoluene	0.15	3.0	0.72	15
1,3,5-Trimethylbenzene	0.15	0.98	0.72	4.8
1,2,4-Trimethylbenzene	0.15	3.8	0.72	19
TPH ref. to Gasoline (MW=100)	2.9	90	12	370

Client Sample ID: VSP-4D-091807-EFF

Lab ID#: 0709359-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.0	0.81	5.0
Ethanol	0.82	5.2	1.5	9.9
Acetone	0.82	7.1	1.9	17
2-Propanol	0.82	1.8	2.0	4.5
2-Butanone (Methyl Ethyl Ketone)	0.16	0.55	0.48	1.6
cis-1,2-Dichloroethene	0.16	1.3	0.65	5.3
Chloroform	0.16	0.71	0.80	3.5
Heptane	0.16	0.20 J	0.67	0.82 J
Trichloroethene	0.16	3.5	0.88	19
Toluene	0.16	1.0	0.62	3.8
Tetrachloroethene	0.16	10	1.1	70
m,p-Xylene	0.16	0.26	0.71	1.1
TPH ref. to Gasoline (MW=100)	3.3	23	13	94

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-3-091807-Midcar

Lab ID#: 0709359-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.46	0.71	2.3
Chloromethane	0.14	0.30	0.30	0.62
Ethanol	0.72	0.77	1.4	1.4
Acetone	0.72	2.0	1.7	4.9
Methylene Chloride	0.29	3.0	1.0	10
2-Butanone (Methyl Ethyl Ketone)	0.14	0.22	0.42	0.63
Toluene	0.14	0.17	0.54	0.63
TPH ref. to Gasoline (MW=100)	2.9	3.8	12	16

Client Sample ID: VSP-2-091807-Post Ox

Lab ID#: 0709359-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.74	6.3
Freon 114	0.15	0.16	1.0	1.1
Ethanol	0.74	1.6	1.4	3.0
Acetone	0.74	5.2	1.8	12
2-Butanone (Methyl Ethyl Ketone)	0.15	2.6	0.44	7.8
Benzene	0.15	0.15	0.48	0.48
Toluene	0.15	0.18	0.56	0.67
TPH ref. to Gasoline (MW=100)	3.0	4.3	12	18

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-091807-EFF

Lab ID#: 0709359-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091907**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**9/19/07 07:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	0.96	0.72	4.7
Freon 114	0.15	Not Detected	1.0	Not Detected
Chloromethane	0.15	Not Detected	0.30	Not Detected
Vinyl Chloride	0.15	Not Detected	0.37	Not Detected
1,3-Butadiene	0.15	Not Detected	0.32	Not Detected
Bromomethane	0.15	Not Detected	0.57	Not Detected
Chloroethane	0.15	Not Detected	0.38	Not Detected
Freon 11	0.15	Not Detected	0.82	Not Detected
Ethanol	0.73	1.8	1.4	3.5
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Acetone	0.73	3.6	1.7	8.7
2-Propanol	0.73	Not Detected	1.8	Not Detected
Carbon Disulfide	0.73	Not Detected	2.3	Not Detected
Methylene Chloride	0.29	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.53	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Hexane	0.15	0.38	0.51	1.3
1,1-Dichloroethane	0.15	Not Detected	0.59	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	0.36	0.43	1.1
cis-1,2-Dichloroethene	0.15	Not Detected	0.58	Not Detected
Tetrahydrofuran	0.73	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Cyclohexane	0.15	0.42	0.50	1.4
Carbon Tetrachloride	0.15	Not Detected	0.92	Not Detected
Benzene	0.15	1.1	0.47	3.6
1,2-Dichloroethane	0.15	Not Detected	0.59	Not Detected
Heptane	0.15	0.34 J	0.60	1.4 J
Trichloroethene	0.15	Not Detected	0.78	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.67	Not Detected
1,4-Dioxane	0.15	Not Detected	0.53	Not Detected
Bromodichloromethane	0.15	Not Detected	0.98	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.60	Not Detected
Toluene	0.15	6.7	0.55	25
trans-1,3-Dichloropropene	0.15	Not Detected	0.66	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.80	Not Detected
Tetrachloroethene	0.15	Not Detected	0.99	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-091807-EFF

Lab ID#: 0709359-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091907**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**9/19/07 07:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.73	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.67	Not Detected
Ethyl Benzene	0.15	2.2	0.63	9.6
m,p-Xylene	0.15	8.8	0.63	38
o-Xylene	0.15	2.7	0.63	12
Styrene	0.15	0.20	0.62	0.85
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.72	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	0.72	0.72	3.6
4-Ethyltoluene	0.15	3.0	0.72	15
1,3,5-Trimethylbenzene	0.15	0.98	0.72	4.8
1,2,4-Trimethylbenzene	0.15	3.8	0.72	19
1,3-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.76	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.88	Not Detected
1,2,4-Trichlorobenzene	0.73	Not Detected	5.4	Not Detected
Hexachlorobutadiene	0.73	Not Detected	7.8	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	90	12	370

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	92	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-091807-EFF

Lab ID#: 0709359-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091910**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.64**	**Date of Analysis:**	**9/19/07 09:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.16	1.0	0.81	5.0
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.16	Not Detected	0.34	Not Detected
Vinyl Chloride	0.16	Not Detected	0.42	Not Detected
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.16	Not Detected	0.64	Not Detected
Chloroethane	0.16	Not Detected	0.43	Not Detected
Freon 11	0.16	Not Detected	0.92	Not Detected
Ethanol	0.82	5.2	1.5	9.9
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Acetone	0.82	7.1	1.9	17
2-Propanol	0.82	1.8	2.0	4.5
Carbon Disulfide	0.82	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.59	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Hexane	0.16	Not Detected	0.58	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.66	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.16	0.55	0.48	1.6
cis-1,2-Dichloroethene	0.16	1.3	0.65	5.3
Tetrahydrofuran	0.82	Not Detected	2.4	Not Detected
Chloroform	0.16	0.71	0.80	3.5
1,1,1-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Cyclohexane	0.16	Not Detected	0.56	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
Benzene	0.16	Not Detected	0.52	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.66	Not Detected
Heptane	0.16	0.20 J	0.67	0.82 J
Trichloroethene	0.16	3.5	0.88	19
1,2-Dichloropropane	0.16	Not Detected	0.76	Not Detected
1,4-Dioxane	0.16	Not Detected	0.59	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.67	Not Detected
Toluene	0.16	1.0	0.62	3.8
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Tetrachloroethene	0.16	10	1.1	70

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-091807-EFF

Lab ID#: 0709359-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091910**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.64**	**Date of Analysis:**	**9/19/07 09:58 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.82	Not Detected	3.4	Not Detected
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.3	Not Detected
Chlorobenzene	0.16	Not Detected	0.76	Not Detected
Ethyl Benzene	0.16	Not Detected	0.71	Not Detected
m,p-Xylene	0.16	0.26	0.71	1.1
o-Xylene	0.16	Not Detected	0.71	Not Detected
Styrene	0.16	Not Detected	0.70	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.81	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.81	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.81	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.81	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.85	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.99	Not Detected
1,2,4-Trichlorobenzene	0.82	Not Detected	6.1	Not Detected
Hexachlorobutadiene	0.82	Not Detected	8.7	Not Detected
TPH ref. to Gasoline (MW=100)	3.3	23	13	94

J = Estimated value due to bias in the CCV.

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	89	70-130
4-Bromofluorobenzene	82	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-091807-Midcar

Lab ID#: 0709359-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091911**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**9/19/07 10:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.14	0.46	0.71	2.3
Freon 114	0.14	Not Detected	1.0	Not Detected
Chloromethane	0.14	0.30	0.30	0.62
Vinyl Chloride	0.14	Not Detected	0.37	Not Detected
1,3-Butadiene	0.14	Not Detected	0.32	Not Detected
Bromomethane	0.14	Not Detected	0.56	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected
Freon 11	0.14	Not Detected	0.81	Not Detected
Ethanol	0.72	0.77	1.4	1.4
Freon 113	0.14	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Acetone	0.72	2.0	1.7	4.9
2-Propanol	0.72	Not Detected	1.8	Not Detected
Carbon Disulfide	0.72	Not Detected	2.2	Not Detected
Methylene Chloride	0.29	3.0	1.0	10
Methyl tert-butyl ether	0.14	Not Detected	0.52	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Hexane	0.14	Not Detected	0.51	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.58	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.14	0.22	0.42	0.63
cis-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Tetrahydrofuran	0.72	Not Detected	2.1	Not Detected
Chloroform	0.14	Not Detected	0.70	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Cyclohexane	0.14	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.14	Not Detected	0.91	Not Detected
Benzene	0.14	Not Detected	0.46	Not Detected
1,2-Dichloroethane	0.14	Not Detected	0.58	Not Detected
Heptane	0.14	Not Detected	0.59	Not Detected
Trichloroethene	0.14	Not Detected	0.77	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.66	Not Detected
1,4-Dioxane	0.14	Not Detected	0.52	Not Detected
Bromodichloromethane	0.14	Not Detected	0.96	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.59	Not Detected
Toluene	0.14	0.17	0.54	0.63
trans-1,3-Dichloropropene	0.14	Not Detected	0.65	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.78	Not Detected
Tetrachloroethene	0.14	Not Detected	0.98	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-091807-Midcar

Lab ID#: 0709359-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091911**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**9/19/07 10:31 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.72	Not Detected	2.9	Not Detected
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.1	Not Detected
Chlorobenzene	0.14	Not Detected	0.66	Not Detected
Ethyl Benzene	0.14	Not Detected	0.62	Not Detected
m,p-Xylene	0.14	Not Detected	0.62	Not Detected
o-Xylene	0.14	Not Detected	0.62	Not Detected
Styrene	0.14	Not Detected	0.61	Not Detected
Bromoform	0.14	Not Detected	1.5	Not Detected
Cumene	0.14	Not Detected	0.71	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.99	Not Detected
Propylbenzene	0.14	Not Detected	0.71	Not Detected
4-Ethyltoluene	0.14	Not Detected	0.71	Not Detected
1,3,5-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,2,4-Trimethylbenzene	0.14	Not Detected	0.71	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,4-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
alpha-Chlorotoluene	0.14	Not Detected	0.74	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.86	Not Detected
1,2,4-Trichlorobenzene	0.72	Not Detected	5.3	Not Detected
Hexachlorobutadiene	0.72	Not Detected	7.7	Not Detected
TPH ref. to Gasoline (MW=100)	2.9	3.8	12	16

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	90	70-130
4-Bromofluorobenzene	78	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-091807-Post Ox

Lab ID#: 0709359-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091912**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/19/07 11:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.15	1.3	0.74	6.3
Freon 114	0.15	0.16	1.0	1.1
Chloromethane	0.15	Not Detected	0.31	Not Detected
Vinyl Chloride	0.15	Not Detected	0.38	Not Detected
1,3-Butadiene	0.15	Not Detected	0.33	Not Detected
Bromomethane	0.15	Not Detected	0.58	Not Detected
Chloroethane	0.15	Not Detected	0.39	Not Detected
Freon 11	0.15	Not Detected	0.84	Not Detected
Ethanol	0.74	1.6	1.4	3.0
Freon 113	0.15	Not Detected	1.1	Not Detected
1,1-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Acetone	0.74	5.2	1.8	12
2-Propanol	0.74	Not Detected	1.8	Not Detected
Carbon Disulfide	0.74	Not Detected	2.3	Not Detected
Methylene Chloride	0.30	Not Detected	1.0	Not Detected
Methyl tert-butyl ether	0.15	Not Detected	0.54	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Hexane	0.15	Not Detected	0.52	Not Detected
1,1-Dichloroethane	0.15	Not Detected	0.60	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.15	2.6	0.44	7.8
cis-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Tetrahydrofuran	0.74	Not Detected	2.2	Not Detected
Chloroform	0.15	Not Detected	0.73	Not Detected
1,1,1-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Cyclohexane	0.15	Not Detected	0.51	Not Detected
Carbon Tetrachloride	0.15	Not Detected	0.94	Not Detected
Benzene	0.15	0.15	0.48	0.48
1,2-Dichloroethane	0.15	Not Detected	0.60	Not Detected
Heptane	0.15	Not Detected	0.61	Not Detected
Trichloroethene	0.15	Not Detected	0.80	Not Detected
1,2-Dichloropropane	0.15	Not Detected	0.69	Not Detected
1,4-Dioxane	0.15	Not Detected	0.54	Not Detected
Bromodichloromethane	0.15	Not Detected	1.0	Not Detected
cis-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
4-Methyl-2-pentanone	0.15	Not Detected	0.61	Not Detected
Toluene	0.15	0.18	0.56	0.67
trans-1,3-Dichloropropene	0.15	Not Detected	0.68	Not Detected
1,1,2-Trichloroethane	0.15	Not Detected	0.81	Not Detected
Tetrachloroethene	0.15	Not Detected	1.0	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-091807-Post Ox

Lab ID#: 0709359-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091912**	**Date of Collection:**	**9/18/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**9/19/07 11:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.74	Not Detected	3.0	Not Detected
Dibromochloromethane	0.15	Not Detected	1.3	Not Detected
1,2-Dibromoethane (EDB)	0.15	Not Detected	1.1	Not Detected
Chlorobenzene	0.15	Not Detected	0.68	Not Detected
Ethyl Benzene	0.15	Not Detected	0.65	Not Detected
m,p-Xylene	0.15	Not Detected	0.65	Not Detected
o-Xylene	0.15	Not Detected	0.65	Not Detected
Styrene	0.15	Not Detected	0.63	Not Detected
Bromoform	0.15	Not Detected	1.5	Not Detected
Cumene	0.15	Not Detected	0.73	Not Detected
1,1,2,2-Tetrachloroethane	0.15	Not Detected	1.0	Not Detected
Propylbenzene	0.15	Not Detected	0.73	Not Detected
4-Ethyltoluene	0.15	Not Detected	0.73	Not Detected
1,3,5-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,2,4-Trimethylbenzene	0.15	Not Detected	0.73	Not Detected
1,3-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,4-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
alpha-Chlorotoluene	0.15	Not Detected	0.77	Not Detected
1,2-Dichlorobenzene	0.15	Not Detected	0.90	Not Detected
1,2,4-Trichlorobenzene	0.74	Not Detected	5.5	Not Detected
Hexachlorobutadiene	0.74	Not Detected	7.9	Not Detected
TPH ref. to Gasoline (MW=100)	3.0	4.3	12	18

Container Type: 6 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	81	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709359-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091906**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/19/07 07:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.10	Not Detected	0.21	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.10	Not Detected	0.39	Not Detected
Chloroethane	0.10	Not Detected	0.26	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.10	Not Detected	0.29	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0709359-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091906**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/19/07 07:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
2-Hexanone	0.50	Not Detected	2.0	Not Detected
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected
TPH ref. to Gasoline (MW=100)	2.0	Not Detected	8.2	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	91	70-130
4-Bromofluorobenzene	80	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709359-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091902**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 9/19/07 04:12 PM**

Compound	%Recovery
Freon 12	110
Freon 114	110
Chloromethane	105
Vinyl Chloride	100
1,3-Butadiene	108
Bromomethane	105
Chloroethane	97
Freon 11	103
Ethanol	113
Freon 113	117
1,1-Dichloroethene	105
Acetone	121
2-Propanol	118
Carbon Disulfide	107
Methylene Chloride	115
Methyl tert-butyl ether	116
trans-1,2-Dichloroethene	118
Hexane	103
1,1-Dichloroethane	91
2-Butanone (Methyl Ethyl Ketone)	97
cis-1,2-Dichloroethene	92
Tetrahydrofuran	104
Chloroform	98
1,1,1-Trichloroethane	108
Cyclohexane	102
Carbon Tetrachloride	108
Benzene	112
1,2-Dichloroethane	118
Heptane	131 Q
Trichloroethene	115
1,2-Dichloropropane	116
1,4-Dioxane	116
Bromodichloromethane	122
cis-1,3-Dichloropropene	106
4-Methyl-2-pentanone	137 Q
Toluene	112
trans-1,3-Dichloropropene	108
1,1,2-Trichloroethane	111
Tetrachloroethene	117

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0709359-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/19/07 04:12 PM**	

Compound	**%Recovery**
2-Hexanone	114
Dibromochloromethane	124
1,2-Dibromoethane (EDB)	92
Chlorobenzene	112
Ethyl Benzene	114
m,p-Xylene	118
o-Xylene	115
Styrene	125
Bromoform	134 Q
Cumene	95
1,1,2,2-Tetrachloroethane	124
Propylbenzene	124
4-Ethyltoluene	124
1,3,5-Trimethylbenzene	128
1,2,4-Trimethylbenzene	123
1,3-Dichlorobenzene	118
1,4-Dichlorobenzene	124
alpha-Chlorotoluene	147 Q
1,2-Dichlorobenzene	121
1,2,4-Trichlorobenzene	111
Hexachlorobutadiene	123
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709359-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/19/07 05:15 PM**	

Compound	**%Recovery**
Freon 12	88
Freon 114	105
Chloromethane	107
Vinyl Chloride	98
1,3-Butadiene	103
Bromomethane	92
Chloroethane	96
Freon 11	101
Ethanol	111
Freon 113	123
1,1-Dichloroethene	115
Acetone	122
2-Propanol	119
Carbon Disulfide	99
Methylene Chloride	115
Methyl tert-butyl ether	126
trans-1,2-Dichloroethene	123
Hexane	104
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	94
cis-1,2-Dichloroethene	95
Tetrahydrofuran	106
Chloroform	97
1,1,1-Trichloroethane	104
Cyclohexane	100
Carbon Tetrachloride	105
Benzene	106
1,2-Dichloroethane	115
Heptane	175 Q
Trichloroethene	112
1,2-Dichloropropane	110
1,4-Dioxane	107
Bromodichloromethane	116
cis-1,3-Dichloropropene	104
4-Methyl-2-pentanone	131
Toluene	111
trans-1,3-Dichloropropene	109
1,1,2-Trichloroethane	107
Tetrachloroethene	116

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0709359-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**g091903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 9/19/07 05:15 PM**	

Compound	**%Recovery**
2-Hexanone	108
Dibromochloromethane	119
1,2-Dibromoethane (EDB)	90
Chlorobenzene	108
Ethyl Benzene	107
m,p-Xylene	113
o-Xylene	114
Styrene	119
Bromoform	130
Cumene	93
1,1,2,2-Tetrachloroethane	113
Propylbenzene	116
4-Ethyltoluene	117
1,3,5-Trimethylbenzene	118
1,2,4-Trimethylbenzene	117
1,3-Dichlorobenzene	110
1,4-Dichlorobenzene	114
alpha-Chlorotoluene	150 Q
1,2-Dichlorobenzene	110
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	107
TPH ref. to Gasoline (MW=100)	Not Spiked

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	90	70-130

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Page 1 of 1

Project Manager: Michael Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR inc Email: Sean.coury@lfr.com
Address: 4201 N 87th St. Suite 125 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002215/007
Project Name: Silvercraft

Turn Around Time:
☐ Normal
☑ Rush 24h TAT
specify

Lab Use Only
Pressurized by: BS
Date: 9/19/07
Pressurization Gas: (N) He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-091807-EFF	33972	9-18-07	11:20	TO-15 mod, TPH	25	Ø	2.5"Hg	5.0psi
02A	VSP-4D-091807-EFF	34310	↓	11:25	↓	25.5	Ø	5.5"Hg	↓
03A	VSP-3-091807-Midcar	9575	↓	11:30	↓	25.5	Ø	2.0"Hg	↓
04A	VSP-2-091807-Post ox	33876	↓	11:35	↓	25.5	Ø	3.0"Hg	↓

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	9-18-07 12:00	Aimee Willmit - ATL	9/18/07 08:45

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed-X	8574 3912 0110	NA	Good	Yes No None	0709359

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0712091

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007 Silvercroft
DATE RECEIVED:	12/06/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/07/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-120407-EFF	Modified TO-15	3.0 "Hg
02A	VSP-4D-120407-EFF	Modified TO-15	3.0 "Hg
03A	VSP-3-120407-MID CAR	Modified TO-15	3.0 "Hg
04A	VSP-2-120407-POST OX	Modified TO-15	3.0 "Hg
05A	VSP-1-120407-INF	Modified TO-15	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA
07A	CCV	Modified TO-15	NA
08A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 12/07/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0712091

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on December 06, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-120407-EFF

Lab ID#: 0712091-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	17	61	70

Client Sample ID: VSP-4D-120407-EFF

Lab ID#: 0712091-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	20	61	82

Client Sample ID: VSP-3-120407-MID CAR

Lab ID#: 0712091-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	76	61	310

Client Sample ID: VSP-2-120407-POST OX

Lab ID#: 0712091-04A

No Detections Were Found.

Client Sample ID: VSP-1-120407-INF

Lab ID#: 0712091-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	800	45000	2600	140000
Toluene	800	200000	3000	770000
Ethyl Benzene	800	34000	3500	150000
m,p-Xylene	800	96000	3500	410000
o-Xylene	800	36000	3500	160000
1,2,4-Trimethylbenzene	800	13000	3900	66000
1,3,5-Trimethylbenzene	800	5200	3900	25000
TPH ref. to Gasoline (MW=100)	16000	8000000	65000	33000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-120407-EFF

Lab ID#: 0712091-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120611**	**Date of Collection:**	**12/4/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**12/6/07 06:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	17	61	70

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-120407-EFF

Lab ID#: 0712091-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120612**	**Date of Collection:**	**12/4/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**12/6/07 06:46 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	20	61	82

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	105	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-120407-MID CAR

Lab ID#: 0712091-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120613**	**Date of Collection:**	**12/4/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**12/6/07 07:27 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	76	61	310

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	91	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-120407-POST OX

Lab ID#: 0712091-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120614**	**Date of Collection:**	**12/4/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**12/6/07 08:05 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	61	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-120407-INF

Lab ID#: 0712091-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120616**	**Date of Collection:**	**12/4/07**
Dil. Factor:	**1600**	**Date of Analysis:**	**12/6/07 10:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	800	45000	2600	140000
Toluene	800	200000	3000	770000
Ethyl Benzene	800	34000	3500	150000
m,p-Xylene	800	96000	3500	410000
o-Xylene	800	36000	3500	160000
Tetrachloroethene	800	Not Detected	5400	Not Detected
Trichloroethene	800	Not Detected	4300	Not Detected
1,2,4-Trimethylbenzene	800	13000	3900	66000
1,3,5-Trimethylbenzene	800	5200	3900	25000
TPH ref. to Gasoline (MW=100)	16000	8000000	65000	33000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	117	70-130
4-Bromofluorobenzene	106	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0712091-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/6/07 01:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0712091-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120602**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/6/07 09:27 AM**	

Compound	**%Recovery**
Benzene	116
Toluene	109
Ethyl Benzene	105
m,p-Xylene	108
o-Xylene	106
Tetrachloroethene	114
Trichloroethene	113
1,2,4-Trimethylbenzene	109
1,3,5-Trimethylbenzene	108
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0712091-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**7120604**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/6/07 10:54 AM**	

Compound	**%Recovery**
Benzene	122
Toluene	119
Ethyl Benzene	108
m,p-Xylene	110
o-Xylene	109
Tetrachloroethene	120
Trichloroethene	119
1,2,4-Trimethylbenzene	105
1,3,5-Trimethylbenzene	108
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	108	70-130

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER
Company: LFR
Email: SEAN.CLARK@LFR.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-10022-15/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only:
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-120407-EFF	31154	12/04/07	1527	TO 15 MOD + TPH	-27.5	Ø		
02A	VSP-4D-120407-EFF	35177	↓	1527	↓	-27.5	Ø		
03A	VSP-3-120407-MID CAR	12959	↓	1533	↓	-27.5	Ø		
04A	VSP-2-120407-POST OX	1569	↓	1538	↓	-27.5	Ø		
05A	VSP-1-120407-INF	TED	↓	1541	↓				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/05/07 1105	[illegible]	12/5/07 1107
[illegible]	12/5/07 1110	[illegible] ATL	12/6/07 845

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed-ex	8569 5352 3317	NA	Good	Yes No (None)	0712091

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0712155

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	01410022-15/007 SILVERCROFT
DATE RECEIVED:	12/08/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/11/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-120607-EFF	Modified TO-15	2.5 "Hg
02A	VSP-3-120607-MID CAR	Modified TO-15	2.5 "Hg
03A	VSP-3D-120607-MID CAR	Modified TO-15	2.5 "Hg
04A	VSP-2-120607-POST OX	Modified TO-15	2.5 "Hg
05A	VSP-1-120607-INF	Modified TO-15	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA
06B	Lab Blank	Modified TO-15	NA
07A	CCV	Modified TO-15	NA
07B	CCV	Modified TO-15	NA
08A	LCS	Modified TO-15	NA
08B	LCS	Modified TO-15	NA

CERTIFIED BY: Linda J. Freeman

Laboratory Director

DATE: 12/11/07

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0712155

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on December 08, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-120607-EFF

Lab ID#: 0712155-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	26	60	110

Client Sample ID: VSP-3-120607-MID CAR

Lab ID#: 0712155-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	15	60	61

Client Sample ID: VSP-3D-120607-MID CAR

Lab ID#: 0712155-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	24	60	98

Client Sample ID: VSP-2-120607-POST OX

Lab ID#: 0712155-04A

No Detections Were Found.

Client Sample ID: VSP-1-120607-INF

Lab ID#: 0712155-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1000	43000	3200	140000
Toluene	1000	260000	3800	970000
Ethyl Benzene	1000	47000	4300	200000
m,p-Xylene	1000	140000	4300	620000
o-Xylene	1000	53000	4300	230000
1,2,4-Trimethylbenzene	1000	24000	4900	120000
1,3,5-Trimethylbenzene	1000	8300	4900	41000
TPH ref. to Gasoline (MW=100)	20000	7100000	82000	29000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-120607-EFF

Lab ID#: 0712155-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120908**	**Date of Collection:**	**12/6/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/9/07 02:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	26	60	110

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	104	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-120607-MID CAR

Lab ID#: 0712155-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120909**	**Date of Collection:**	**12/6/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/9/07 02:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	15	60	61

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	93	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-120607-MID CAR

Lab ID#: 0712155-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120910**	**Date of Collection:**	**12/6/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/9/07 03:34 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	24	60	98

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	90	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-120607-POST OX

Lab ID#: 0712155-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120911**	**Date of Collection:**	**12/6/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/9/07 04:14 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	111	70-130
4-Bromofluorobenzene	85	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-120607-INF

Lab ID#: 0712155-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t120908**	**Date of Collection:**	**12/6/07**
Dil. Factor:	**2000**	**Date of Analysis:**	**12/9/07 02:17 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	1000	43000	3200	140000
Toluene	1000	260000	3800	970000
Ethyl Benzene	1000	47000	4300	200000
m,p-Xylene	1000	140000	4300	620000
o-Xylene	1000	53000	4300	230000
Tetrachloroethene	1000	Not Detected	6800	Not Detected
Trichloroethene	1000	Not Detected	5400	Not Detected
1,2,4-Trimethylbenzene	1000	24000	4900	120000
1,3,5-Trimethylbenzene	1000	8300	4900	41000
TPH ref. to Gasoline (MW=100)	20000	7100000	82000	29000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0712155-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t120906**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/9/07 12:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	112	70-130
1,2-Dichloroethane-d4	93	70-130
4-Bromofluorobenzene	103	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0712155-06B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/9/07 11:01 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0712155-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t120904**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/9/07 10:38 AM**	

Compound	**%Recovery**
Benzene	100
Toluene	101
Ethyl Benzene	102
m,p-Xylene	102
o-Xylene	102
Tetrachloroethene	102
Trichloroethene	102
1,2,4-Trimethylbenzene	104
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	112	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0712155-07B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/9/07 09:27 AM**	

Compound	**%Recovery**
Benzene	105
Toluene	105
Ethyl Benzene	107
m,p-Xylene	112
o-Xylene	112
Tetrachloroethene	111
Trichloroethene	100
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	100	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0712155-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t120903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/9/07 10:00 AM**	

Compound	**%Recovery**
Benzene	114
Toluene	115
Ethyl Benzene	114
m,p-Xylene	115
o-Xylene	117
Tetrachloroethene	122
Trichloroethene	115
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	110
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	110	70-130
4-Bromofluorobenzene	95	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0712155-08B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**z120903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/9/07 10:01 AM**	

Compound	**%Recovery**
Benzene	107
Toluene	110
Ethyl Benzene	107
m,p-Xylene	108
o-Xylene	115
Tetrachloroethene	112
Trichloroethene	100
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	116
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	101	70-130

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MICHAEL NESKY
Collected by: (Print and Sign) MARK HAMMER Mark Hammer
Company: LFR Email: SEAN.COURY@LFR.COM
Address: 14201 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 01410022-15/007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☑ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
	VSP-4-120607-EFF	34370	12/6/7	2020	TO 15 MOD + TPH	-28.5	Ø		
	VSP-3-120607-MID CAR	1575	↓	2026	↓	-27.5	Ø		
	VSP-3D-120607-MID CAR	33977		2026		-27.5	Ø		
	VSP-2-120607-POST OX	35976		2032		-28.5	Ø		
	VSP-1-120607-INF	TED		2037					

Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
Mark Hammer 12/6/7 1310	FEDEX/KINKO'S
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time
	M. L. Wade AZ 12/8/07 845
Relinquished by: (signature) Date/Time	Received by: (signature) Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex		NA	good	Yes No None	0712155

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0712334

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	01410022 15 Silvercroft
DATE RECEIVED:	12/17/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/18/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-121407 EFF	Modified TO-15	2.0 "Hg	5 psi
02A	VSP-4D-121407-EFF	Modified TO-15	2.0 "Hg	5 psi
03A	VSP-3-121407-Mid Car	Modified TO-15	1.5 "Hg	5 psi
04A	VSP-2-121407-Post Ox	Modified TO-15	1.0 "Hg	5 psi
05A	VSP-1-121407-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda L. Freeman DATE: 12/18/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0712334

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on December 17, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample VSP-1-121407-INF due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-121407 EFF

Lab ID#: 0712334-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	26	59	100

Client Sample ID: VSP-4D-121407-EFF

Lab ID#: 0712334-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	23	59	94

Client Sample ID: VSP-3-121407-Mid Car

Lab ID#: 0712334-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	130	58	540

Client Sample ID: VSP-2-121407-Post Ox

Lab ID#: 0712334-04A

No Detections Were Found.

Client Sample ID: VSP-1-121407-INF

Lab ID#: 0712334-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	23000	2100	75000
Toluene	660	78000	2500	300000
Ethyl Benzene	660	7800	2900	34000
m,p-Xylene	660	23000	2900	100000
o-Xylene	660	8100	2900	35000
1,2,4-Trimethylbenzene	660	2800	3300	14000
1,3,5-Trimethylbenzene	660	1100	3300	5400
TPH ref. to Gasoline (MW=100)	13000	4000000	54000	16000000

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Client Sample ID: VSP-4-121407 EFF

Lab ID#: 0712334-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121712**	**Date of Collection:**	**12/14/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**12/17/07 06:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	Not Detected	2.3	Not Detected
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	26	59	100

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-121407-EFF

Lab ID#: 0712334-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121713**	**Date of Collection:**	**12/14/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**12/17/07 08:19 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	Not Detected	2.3	Not Detected
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	23	59	94

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-121407-Mid Car

Lab ID#: 0712334-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121714**	**Date of Collection:**	**12/14/07**
Dil. Factor:	**1.41**	**Date of Analysis:**	**12/17/07 08:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
Ethyl Benzene	0.70	Not Detected	3.1	Not Detected
m,p-Xylene	0.70	Not Detected	3.1	Not Detected
o-Xylene	0.70	Not Detected	3.1	Not Detected
Tetrachloroethene	0.70	Not Detected	4.8	Not Detected
Trichloroethene	0.70	Not Detected	3.8	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	130	58	540

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-121407-Post Ox

Lab ID#: 0712334-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121715**	**Date of Collection:**	**12/14/07**
Dil. Factor:	**1.39**	**Date of Analysis:**	**12/17/07 09:30 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.70	Not Detected	2.2	Not Detected
Toluene	0.70	Not Detected	2.6	Not Detected
Ethyl Benzene	0.70	Not Detected	3.0	Not Detected
m,p-Xylene	0.70	Not Detected	3.0	Not Detected
o-Xylene	0.70	Not Detected	3.0	Not Detected
Tetrachloroethene	0.70	Not Detected	4.7	Not Detected
Trichloroethene	0.70	Not Detected	3.7	Not Detected
1,2,4-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
1,3,5-Trimethylbenzene	0.70	Not Detected	3.4	Not Detected
TPH ref. to Gasoline (MW=100)	14	Not Detected	57	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-121407-INF

Lab ID#: 0712334-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121711**	**Date of Collection:**	**12/14/07**
Dil. Factor:	**1330**	**Date of Analysis:**	**12/17/07 06:03 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	23000	2100	75000
Toluene	660	78000	2500	300000
Ethyl Benzene	660	7800	2900	34000
m,p-Xylene	660	23000	2900	100000
o-Xylene	660	8100	2900	35000
Tetrachloroethene	660	Not Detected	4500	Not Detected
Trichloroethene	660	Not Detected	3600	Not Detected
1,2,4-Trimethylbenzene	660	2800	3300	14000
1,3,5-Trimethylbenzene	660	1100	3300	5400
TPH ref. to Gasoline (MW=100)	13000	4000000	54000	16000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	115	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0712334-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121709**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/07 04:08 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0712334-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121704**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/07 11:32 AM**	

Compound	**%Recovery**
Benzene	104
Toluene	102
Ethyl Benzene	102
m,p-Xylene	105
o-Xylene	103
Tetrachloroethene	108
Trichloroethene	106
1,2,4-Trimethylbenzene	114
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0712334-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121705**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/17/07 12:13 PM**	

Compound	**%Recovery**
Benzene	100
Toluene	104
Ethyl Benzene	93
m,p-Xylene	97
o-Xylene	96
Tetrachloroethene	102
Trichloroethene	101
1,2,4-Trimethylbenzene	102
1,3,5-Trimethylbenzene	102
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	109	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: Mike Nesky
Collected by: (Print and Sign) Ryan O'Keefe
Company: LFR Inc
Email:
Address: 14201 N 87th St #125 City: Scottsdale State: AZ Zip: 85260
Phone: 480-905-0311 Fax:

Project Info:
P.O. #:
Project #: 01410022 15
Project Name: Silvercroft

Turn Around Time:
☐ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt (psi)	Final (psi)
01A	VSP-4-121407 EFF	24490	12-14-07		TO 15 mod TPH	27.5			
02A	VSP-10-121407-EFF	13856				28			
03A	VSP-3-121407-mid cur	25301				27.5			
04A	VSP-2-121407-Post Ox	9950				28			
05A	VSP-1-121407-INF	TBAG							

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
[signature]	12-15-07 1200	Monica Gregson ATL	12/17/07 835
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	Yes No None	0712334

Form 1293 rev 1

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0712378

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007 Silvercroft
DATE RECEIVED:	12/19/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/20/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-121707-EFF	Modified TO-15	2.5 "Hg	5 psi
02A	VSP-4D-121707-EFF	Modified TO-15	2.5 "Hg	5 psi
03A	VSP-3-121707-MID CAR	Modified TO-15	2.0 "Hg	5 psi
04A	VSP-2-121707-POST OX	Modified TO-15	2.0 "Hg	5 psi
05A	VSP-1-121707-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
05AA	VSP-1-121707-INF Lab Duplicate	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 12/20/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0712378

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on December 19, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-121707-EFF

Lab ID#: 0712378-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	35	60	140

Client Sample ID: VSP-4D-121707-EFF

Lab ID#: 0712378-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	21	60	88

Client Sample ID: VSP-3-121707-MID CAR

Lab ID#: 0712378-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	14	110	59	440

Client Sample ID: VSP-2-121707-POST OX

Lab ID#: 0712378-04A

No Detections Were Found.

Client Sample ID: VSP-1-121707-INF

Lab ID#: 0712378-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	29000	1600	92000
Toluene	500	110000	1900	430000
Ethyl Benzene	500	12000	2200	52000
m,p-Xylene	500	35000	2200	150000
o-Xylene	500	12000	2200	50000
1,2,4-Trimethylbenzene	500	2600	2400	13000
1,3,5-Trimethylbenzene	500	1100	2400	5500
TPH ref. to Gasoline (MW=100)	10000	4600000	41000	19000000

Client Sample ID: VSP-1-121707-INF Lab Duplicate

Lab ID#: 0712378-05AA

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-121707-INF Lab Duplicate

Lab ID#: 0712378-05AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	30000	1600	97000
Toluene	500	130000	1900	480000
Ethyl Benzene	500	14000	2200	61000
m,p-Xylene	500	40000	2200	170000
o-Xylene	500	13000	2200	58000
1,2,4-Trimethylbenzene	500	3000	2400	14000
1,3,5-Trimethylbenzene	500	1300	2400	6500
TPH ref. to Gasoline (MW=100)	10000	4900000	41000	20000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-121707-EFF

Lab ID#: 0712378-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121906**	**Date of Collection:**	**12/17/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/19/07 02:50 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	35	60	140

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4D-121707-EFF

Lab ID#: 0712378-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121907**	**Date of Collection:**	**12/17/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/19/07 03:37 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	21	60	88

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-121707-MID CAR

Lab ID#: 0712378-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121908**	**Date of Collection:**	**12/17/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**12/19/07 04:10 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	Not Detected	2.3	Not Detected
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	110	59	440

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-121707-POST OX

Lab ID#: 0712378-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121909**	**Date of Collection:**	**12/17/07**
Dil. Factor:	**1.44**	**Date of Analysis:**	**12/19/07 04:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.72	Not Detected	2.3	Not Detected
Toluene	0.72	Not Detected	2.7	Not Detected
Ethyl Benzene	0.72	Not Detected	3.1	Not Detected
m,p-Xylene	0.72	Not Detected	3.1	Not Detected
o-Xylene	0.72	Not Detected	3.1	Not Detected
Tetrachloroethene	0.72	Not Detected	4.9	Not Detected
Trichloroethene	0.72	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
1,3,5-Trimethylbenzene	0.72	Not Detected	3.5	Not Detected
TPH ref. to Gasoline (MW=100)	14	Not Detected	59	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-121707-INF

Lab ID#: 0712378-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121911**	**Date of Collection:**	**12/17/07**
Dil. Factor:	**1000**	**Date of Analysis:**	**12/19/07 06:15 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	29000	1600	92000
Toluene	500	110000	1900	430000
Ethyl Benzene	500	12000	2200	52000
m,p-Xylene	500	35000	2200	150000
o-Xylene	500	12000	2200	50000
Tetrachloroethene	500	Not Detected	3400	Not Detected
Trichloroethene	500	Not Detected	2700	Not Detected
1,2,4-Trimethylbenzene	500	2600	2400	13000
1,3,5-Trimethylbenzene	500	1100	2400	5500
TPH ref. to Gasoline (MW=100)	10000	4600000	41000	19000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	121	70-130
4-Bromofluorobenzene	110	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-121707-INF Lab Duplicate

Lab ID#: 0712378-05AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121912**	**Date of Collection:**	**12/17/07**
Dil. Factor:	**1000**	**Date of Analysis:**	**12/19/07 06:55 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	500	30000	1600	97000
Toluene	500	130000	1900	480000
Ethyl Benzene	500	14000	2200	61000
m,p-Xylene	500	40000	2200	170000
o-Xylene	500	13000	2200	58000
Tetrachloroethene	500	Not Detected	3400	Not Detected
Trichloroethene	500	Not Detected	2700	Not Detected
1,2,4-Trimethylbenzene	500	3000	2400	14000
1,3,5-Trimethylbenzene	500	1300	2400	6500
TPH ref. to Gasoline (MW=100)	10000	4900000	41000	20000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	123	70-130
4-Bromofluorobenzene	107	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0712378-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121905**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/19/07 01:15 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	108	70-130
4-Bromofluorobenzene	109	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0712378-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121902**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/19/07 09:42 AM**	

Compound	**%Recovery**
Benzene	103
Toluene	102
Ethyl Benzene	101
m,p-Xylene	104
o-Xylene	103
Tetrachloroethene	106
Trichloroethene	105
1,2,4-Trimethylbenzene	115
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	108	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0712378-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1121903**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/19/07 10:50 AM**	

Compound	**%Recovery**
Benzene	99
Toluene	101
Ethyl Benzene	93
m,p-Xylene	97
o-Xylene	95
Tetrachloroethene	102
Trichloroethene	101
1,2,4-Trimethylbenzene	103
1,3,5-Trimethylbenzene	103
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	104	70-130
4-Bromofluorobenzene	108	70-130

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CHAIN-OF-CUSTODY RECORD

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180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager: MIKE NESKY
Collected by: (Print and Sign) MARK HAMMER Mark Hammer
Company: LFR Email: SEAN.COURY@LFR.COM
Address: 4420 N 87th ST #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-10022-15 / 007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-121707-EFF	02333	12/17/07	1717	TO 15 MOD + TPH	-28.5	Ø		
02A	VSP-4D-121707-EFF	96107	↓	1717	↓	-28.5	Ø		
03A	VSP-3-121707-MID CAR	12023	↓	1725	↓	-28.5	Ø		
04A	VSP-2-121707-POST OX	921	↓	1732	↓	-28.5	Ø		
05A	VSP-1-121707-INF	TED	↓	1745	↓				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/18/07 1000	Kinko's FEDEX	
		Monica Greggen ATL	12/19/07

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex	8589 5352 3052	NA	Good	Yes No None	0712378

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

(916) 985-1000 .FAX (916) 985-1020
Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0712490

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-1002215/007 SILVERCROFT
DATE RECEIVED:	12/22/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	12/27/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	VSP-4-122107-EFF	Modified TO-15	2.5 "Hg	5 psi
02A	VSP-3-122107-MID CAR	Modified TO-15	2.5 "Hg	5 psi
03A	VSP-3D-122107-MID CAR	Modified TO-15	2.5 "Hg	5 psi
04A	VSP-2-122107-POST OX	Modified TO-15	2.5 "Hg	5 psi
04AA	VSP-2-122107-POST OX Lab Duplicate	Modified TO-15	2.5 "Hg	5 psi
05A	VSP-1-122107-INF	Modified TO-15	Tedlar Bag	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA	NA
07A	CCV	Modified TO-15	NA	NA
08A	LCS	Modified TO-15	NA	NA

CERTIFIED BY: Linda J. Freeman DATE: 12/27/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0712490

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on December 22, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-122107-EFF

Lab ID#: 0712490-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	58	60	240

Client Sample ID: VSP-3-122107-MID CAR

Lab ID#: 0712490-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	0.97	2.3	3.1
Toluene	0.73	0.97	2.8	3.7
m,p-Xylene	0.73	1.3	3.2	5.7
TPH ref. to Gasoline (MW=100)	15	24	60	99

Client Sample ID: VSP-3D-122107-MID CAR

Lab ID#: 0712490-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
TPH ref. to Gasoline (MW=100)	15	23	60	93

Client Sample ID: VSP-2-122107-POST OX

Lab ID#: 0712490-04A

No Detections Were Found.

Client Sample ID: VSP-2-122107-POST OX Lab Duplicate

Lab ID#: 0712490-04AA

No Detections Were Found.

Client Sample ID: VSP-1-122107-INF

Lab ID#: 0712490-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	200	15000	640	47000
Toluene	200	21000	750	80000
Ethyl Benzene	200	1300	870	5800
m,p-Xylene	200	3900	870	17000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-1-122107-INF

Lab ID#: 0712490-05A

o-Xylene	200	1300	870	5700
1,2,4-Trimethylbenzene	200	790	980	3900
1,3,5-Trimethylbenzene	200	250	980	1200
TPH ref. to Gasoline (MW=100)	4000	3000000	16000	12000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-122107-EFF

Lab ID#: 0712490-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122318**	**Date of Collection:**	**12/21/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/23/07 10:51 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	58	60	240

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	109	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-122107-MID CAR

Lab ID#: 0712490-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122320**	**Date of Collection:**	**12/21/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/24/07 01:02 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	0.97	2.3	3.1
Toluene	0.73	0.97	2.8	3.7
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	1.3	3.2	5.7
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	24	60	99

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-122107-MID CAR

Lab ID#: 0712490-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122319**	**Date of Collection:**	**12/21/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/23/07 11:56 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	23	60	93

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	112	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-122107-POST OX

Lab ID#: 0712490-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122321**	**Date of Collection:**	**12/21/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/24/07 02:15 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	115	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-122107-POST OX Lab Duplicate

Lab ID#: 0712490-04AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122322**	**Date of Collection:**	**12/21/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**12/24/07 03:15 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	116	70-130
4-Bromofluorobenzene	114	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-122107-INF

Lab ID#: 0712490-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122317**	**Date of Collection:**	**12/21/07**
Dil. Factor:	**400**	**Date of Analysis:**	**12/23/07 09:33 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	200	15000	640	47000
Toluene	200	21000	750	80000
Ethyl Benzene	200	1300	870	5800
m,p-Xylene	200	3900	870	17000
o-Xylene	200	1300	870	5700
Tetrachloroethene	200	Not Detected	1400	Not Detected
Trichloroethene	200	Not Detected	1100	Not Detected
1,2,4-Trimethylbenzene	200	790	980	3900
1,3,5-Trimethylbenzene	200	250	980	1200
TPH ref. to Gasoline (MW=100)	4000	3000000	16000	12000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	122	70-130
4-Bromofluorobenzene	112	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0712490-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/23/07 12:32 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	111	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0712490-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122302**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/23/07 09:52 AM**	

Compound	**%Recovery**
Benzene	102
Toluene	100
Ethyl Benzene	104
m,p-Xylene	106
o-Xylene	106
Tetrachloroethene	109
Trichloroethene	103
1,2,4-Trimethylbenzene	117
1,3,5-Trimethylbenzene	112
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	109	70-130
4-Bromofluorobenzene	109	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0712490-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**1122303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 12/23/07 10:38 AM**	

Compound	**%Recovery**
Benzene	97
Toluene	98
Ethyl Benzene	92
m,p-Xylene	96
o-Xylene	97
Tetrachloroethene	102
Trichloroethene	98
1,2,4-Trimethylbenzene	100
1,3,5-Trimethylbenzene	97
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	105	70-130
4-Bromofluorobenzene	110	70-130

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CHAIN-OF-CUSTODY RECORD

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(916) 985-1000 FAX (916) 985-1020

Project Manager: MIKE NESKY
Collected by: (Print and Sign) MARK HAMMER Mark Hammer
Company: LFR Email: SEAN.COURY@LFR.COM
Address: 4201 N 87th St #135 City: SCOTTSDALE State: AZ Zip: 85260
Phone: 480 905-9311 Fax:

Project Info:
P.O. #:
Project #: 014-1002215 / 007
Project Name: SILVERCROFT

Turn Around Time:
☐ Normal
☒ Rush 24 HR (specify)

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum Initial	Final	Receipt	Final (psi)
01A	VSP-4-122107-EFF	4208	12/21/07	1501	TO 15 MOD + TPH	-28.5	Ø		
02A	VSP-3-122107-MID CAR	4368	↓	1508	↓	-28.5	Ø		
03A	VSP-3D-122107-MID CAR	12671	↓	1508	↓	-28.5	Ø		
04A	VSP-2-122107-POST OX	34441	↓	1515	↓	-28.5	Ø		
05A	VSP-1-122107-INF	TEA	↓	1521	↓				

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Mark Hammer	12/21/07 1550	FEDEX	12/21/07
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
		Anne E Wilhit ATL	12/22/07 11:35
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed-X	8569 5325 3133	NA	Good	Yes No None	0712490

Form 1293 rev.11

AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0711007

Work Order Summary

CLIENT:	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260	**BILL TO:**	Mr. Sean Coury LFR Levine-Fricke 14201 N. 87th Street Suite 135 Scottsdale, AZ 85260
PHONE:	480-905-9311	**P.O. #**	
FAX:	480-905-9353	**PROJECT #**	014-10022-15/007 Silvercroft
DATE RECEIVED:	11/01/2007	**CONTACT:**	Kyle Vagadori
DATE COMPLETED:	11/02/2007		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.
01A	VSP-4-103007-(EFF)	Modified TO-15	5.0 "Hg
02A	VSP-3-103007-(MID CAR)	Modified TO-15	2.5 "Hg
03A	VSP-3D-103007-(MID CAR)	Modified TO-15	3.0 "Hg
04A	VSP-2-103007-(POST OX)	Modified TO-15	0.5 "Hg
05A	VSP-1-103007-(INF)	Modified TO-15	Tedlar Bag
06A	Lab Blank	Modified TO-15	NA
07A	CCV	Modified TO-15	NA
08A	LCS	Modified TO-15	NA

CERTIFIED BY: Linda L. Freeman DATE: 11/02/07

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/07, Expiration date: 06/30/08
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15
LFR Levine-Fricke
Workorder# 0711007

Four 6 Liter Summa Canister and one 1 Liter Tedlar Bag samples were received on November 01, 2007. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	***TO-15***	***ATL Modifications***
Daily CCV	+- 30% Difference	</= 30% Difference with two allowed out up to </=40%.; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction no performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:
a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: VSP-4-103007-(EFF)

Lab ID#: 0711007-01A

No Detections Were Found.

Client Sample ID: VSP-3-103007-(MID CAR)

Lab ID#: 0711007-02A

No Detections Were Found.

Client Sample ID: VSP-3D-103007-(MID CAR)

Lab ID#: 0711007-03A

No Detections Were Found.

Client Sample ID: VSP-2-103007-(POST OX)

Lab ID#: 0711007-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Toluene	0.68	4.2	2.6	16
TPH ref. to Gasoline (MW=100)	14	14	56	57

Client Sample ID: VSP-1-103007-(INF)

Lab ID#: 0711007-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	50000	2100	160000
Toluene	660	190000	2500	730000
Ethyl Benzene	660	18000	2900	77000
m,p-Xylene	660	55000	2900	240000
o-Xylene	660	17000	2900	74000
1,2,4-Trimethylbenzene	660	2100	3300	10000
1,3,5-Trimethylbenzene	660	1200	3300	6100
TPH ref. to Gasoline (MW=100)	13000	5600000	54000	23000000

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-4-103007-(EFF)

Lab ID#: 0711007-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110106**	**Date of Collection:**	**10/30/07**
Dil. Factor:	**1.61**	**Date of Analysis:**	**11/1/07 12:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Trichloroethene	0.80	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
TPH ref. to Gasoline (MW=100)	16	Not Detected	66	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	103	70-130
4-Bromofluorobenzene	76	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3-103007-(MID CAR)

Lab ID#: 0711007-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110107**	**Date of Collection:**	**10/30/07**
Dil. Factor:	**1.46**	**Date of Analysis:**	**11/1/07 12:43 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.73	Not Detected	2.3	Not Detected
Toluene	0.73	Not Detected	2.8	Not Detected
Ethyl Benzene	0.73	Not Detected	3.2	Not Detected
m,p-Xylene	0.73	Not Detected	3.2	Not Detected
o-Xylene	0.73	Not Detected	3.2	Not Detected
Tetrachloroethene	0.73	Not Detected	5.0	Not Detected
Trichloroethene	0.73	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
1,3,5-Trimethylbenzene	0.73	Not Detected	3.6	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	60	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	94	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	76	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-3D-103007-(MID CAR)

Lab ID#: 0711007-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110108**	**Date of Collection:**	**10/30/07**
Dil. Factor:	**1.49**	**Date of Analysis:**	**11/1/07 01:36 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.74	Not Detected	2.4	Not Detected
Toluene	0.74	Not Detected	2.8	Not Detected
Ethyl Benzene	0.74	Not Detected	3.2	Not Detected
m,p-Xylene	0.74	Not Detected	3.2	Not Detected
o-Xylene	0.74	Not Detected	3.2	Not Detected
Tetrachloroethene	0.74	Not Detected	5.0	Not Detected
Trichloroethene	0.74	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
1,3,5-Trimethylbenzene	0.74	Not Detected	3.7	Not Detected
TPH ref. to Gasoline (MW=100)	15	Not Detected	61	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	113	70-130
4-Bromofluorobenzene	75	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-2-103007-(POST OX)

Lab ID#: 0711007-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110109**	**Date of Collection:**	**10/30/07**
Dil. Factor:	**1.36**	**Date of Analysis:**	**11/1/07 02:28 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.68	Not Detected	2.2	Not Detected
Toluene	0.68	4.2	2.6	16
Ethyl Benzene	0.68	Not Detected	3.0	Not Detected
m,p-Xylene	0.68	Not Detected	3.0	Not Detected
o-Xylene	0.68	Not Detected	3.0	Not Detected
Tetrachloroethene	0.68	Not Detected	4.6	Not Detected
Trichloroethene	0.68	Not Detected	3.6	Not Detected
1,2,4-Trimethylbenzene	0.68	Not Detected	3.3	Not Detected
1,3,5-Trimethylbenzene	0.68	Not Detected	3.3	Not Detected
TPH ref. to Gasoline (MW=100)	14	14	56	57

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	83	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: VSP-1-103007-(INF)

Lab ID#: 0711007-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110111**	**Date of Collection: 10/30/07**	
Dil. Factor:	**1330**	**Date of Analysis: 11/1/07 03:59 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	660	50000	2100	160000
Toluene	660	190000	2500	730000
Ethyl Benzene	660	18000	2900	77000
m,p-Xylene	660	55000	2900	240000
o-Xylene	660	17000	2900	74000
Tetrachloroethene	660	Not Detected	4500	Not Detected
Trichloroethene	660	Not Detected	3600	Not Detected
1,2,4-Trimethylbenzene	660	2100	3300	10000
1,3,5-Trimethylbenzene	660	1200	3300	6100
TPH ref. to Gasoline (MW=100)	13000	5600000	54000	23000000

Container Type: 1 Liter Tedlar Bag

Surrogates	%Recovery	Method Limits
Toluene-d8	108	70-130
1,2-Dichloroethane-d4	130	70-130
4-Bromofluorobenzene	85	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: Lab Blank

Lab ID#: 0711007-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110105**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/1/07 11:14 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
TPH ref. to Gasoline (MW=100)	10	Not Detected	41	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	82	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: CCV

Lab ID#: 0711007-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110102**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/1/07 08:41 AM**	

Compound	**%Recovery**
Benzene	98
Toluene	116
Ethyl Benzene	112
m,p-Xylene	117
o-Xylene	113
Tetrachloroethene	123
Trichloroethene	113
1,2,4-Trimethylbenzene	111
1,3,5-Trimethylbenzene	128
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	115	70-130
1,2-Dichloroethane-d4	118	70-130
4-Bromofluorobenzene	98	70-130

AN ENVIRONMENTAL ANALYTICAL LABORATORY

Client Sample ID: LCS

Lab ID#: 0711007-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**t110103**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/1/07 09:29 AM**	

Compound	**%Recovery**
Benzene	97
Toluene	120
Ethyl Benzene	109
m,p-Xylene	111
o-Xylene	111
Tetrachloroethene	127
Trichloroethene	112
1,2,4-Trimethylbenzene	108
1,3,5-Trimethylbenzene	123
TPH ref. to Gasoline (MW=100)	Not Spiked

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	109	70-130
1,2-Dichloroethane-d4	119	70-130
4-Bromofluorobenzene	93	70-130