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Table E-3 Soil-Vapor Survey Sampling Information
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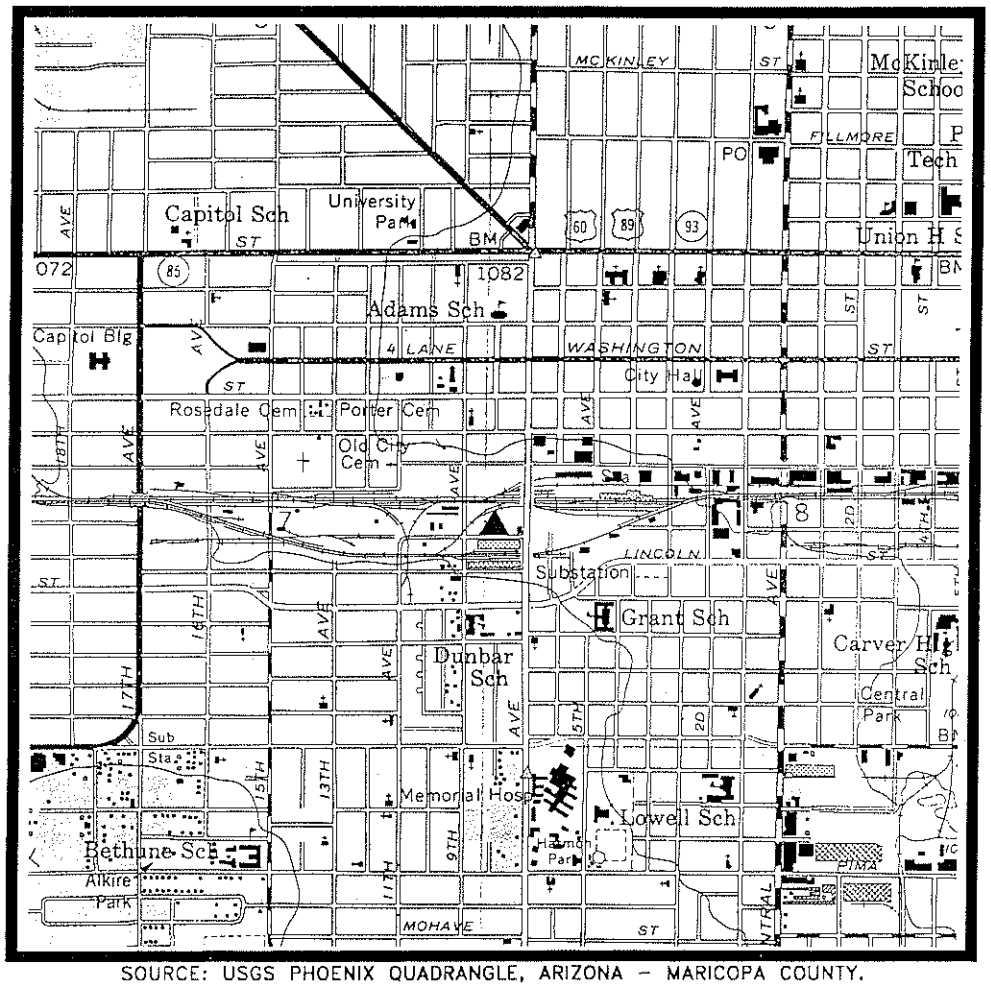
LABORATORY REPORTS

Core Laboratories Inc. Gulf States Analytical Soil Gas Analyses
Analytical Technologies, Inc. Soil Sample Analyses
Summary of Analytical Results for Tetrachloroethene, Trichloroethene, 1,2-Dichloroethene (total) and Toluene
Analytical Technologies, Inc. Soil Sample Analyses



SOURCE: USGS PHOENIX QUADRANGLE, ARIZONA – MARICOPA COUNTY.
7.5 MINUTE SERIES, 1981

EXPLANATION

▲ SITE LOCATION

N

0 2000 4000

APPROX. SCALE IN FEET

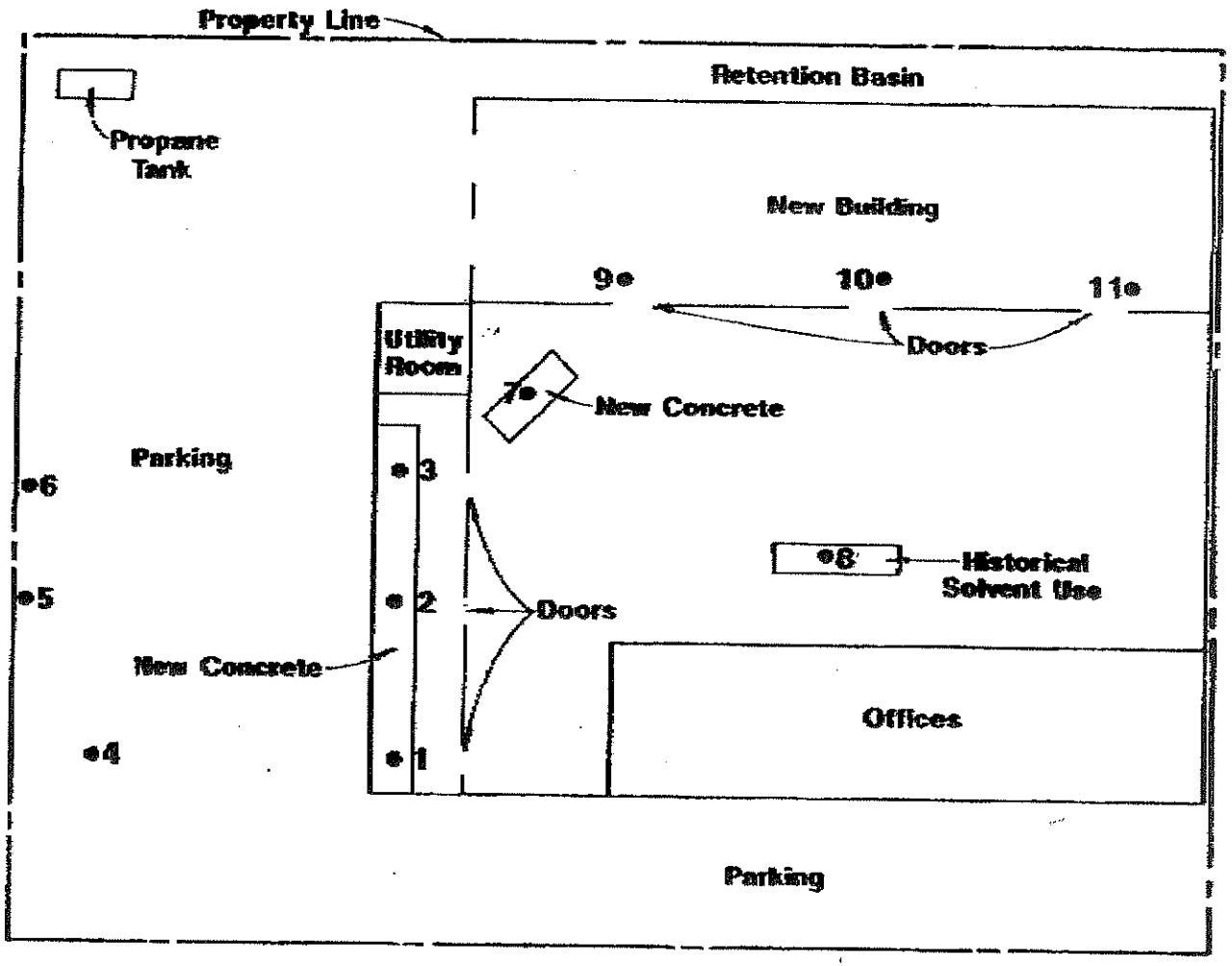
ALSCO
MARYATT SITE
7TH AVENUE AND BUCHANAN
PHOENIX, ARIZONA
103260

DRAWN BY: M. NATION DATE: 06-23-98
DRAFTED BY: DEN HOLMES DATE: 06-23-98
CHECKED BY: M. Nation DATE: 6/23/98

SITE LOCATION
E-1

FLUOR DANIEL GTI
3260-SL

Figure E-1 Site location map of the 720 West Buchanan Street Property in Phoenix, Arizona.



BUCHANAN ST.

NORTH

NOT TO SCALE

LEGEND

•1 Vapor Point Location

Water Resources Associates, Inc.

Hydrologists • Hydrogeologists • Engineers • ForensicHydrologists

PROJECT NO. AE11790 DRAWN BY KMA

DATE 6/19/92 CHECKED BY DW

SITE MAP

E-2

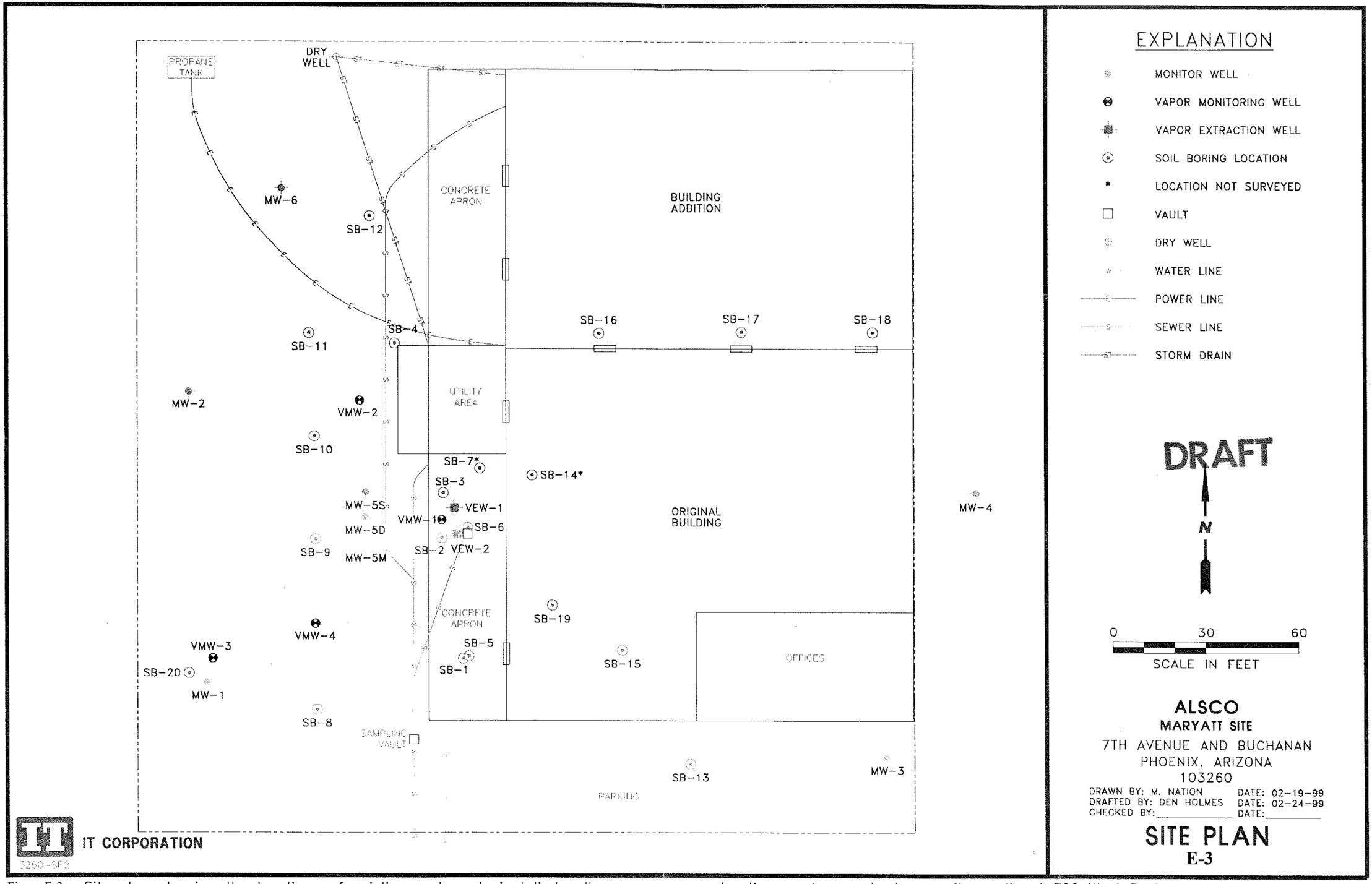
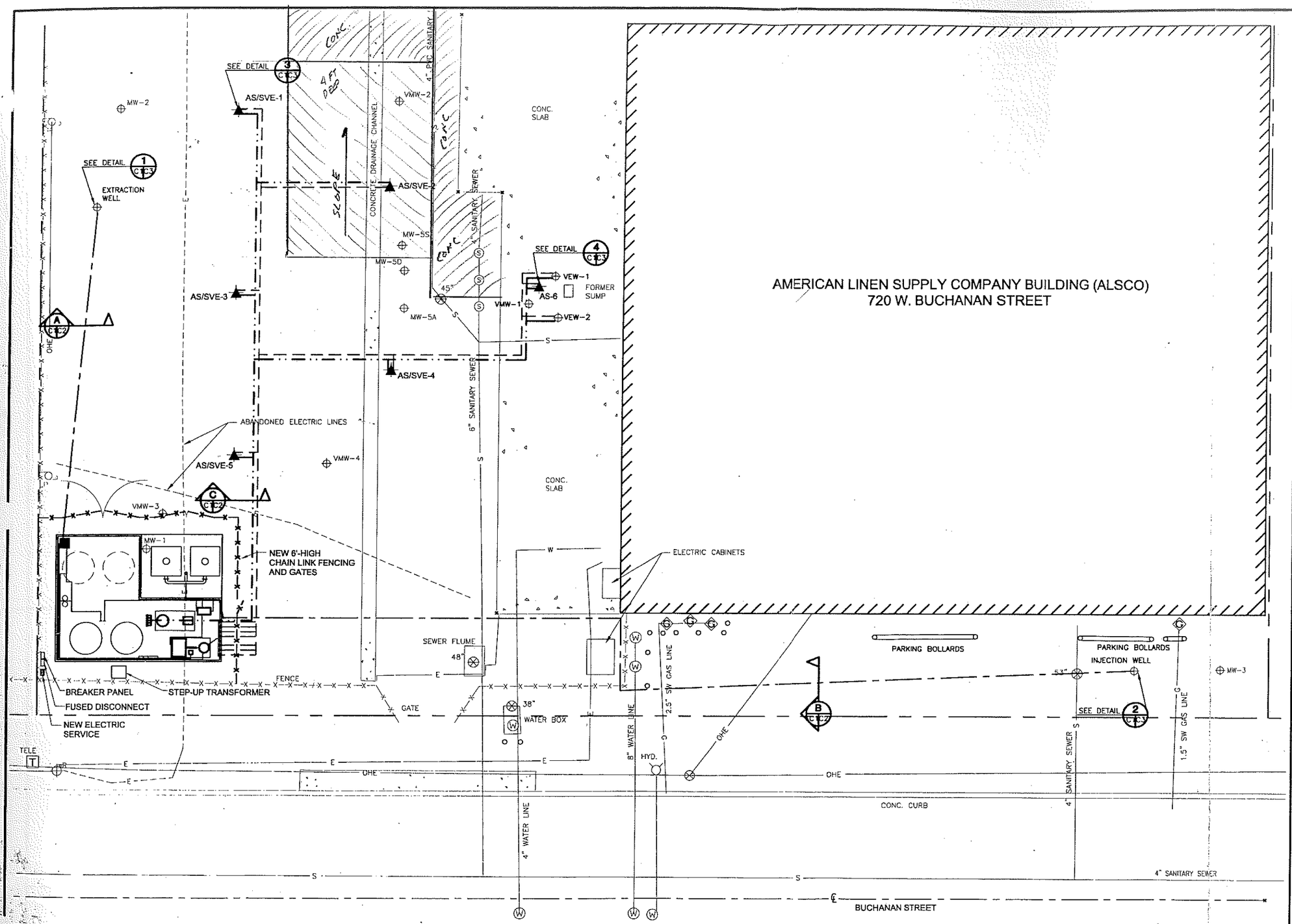


Figure E-3 Site plan showing the locations of existing and newly installed soil vapor, vapor extraction, and groundwater monitor wells at 720 West Buchanan Street.



LEGEND:

- AIR SPARGE PIPELINE
- SOIL VAPOR EXTRACTION PIPELINE
- INJECTION PIPELINE
- EXISTING MONITOR WELL
- PROPOSED AS/SVE WELL
- APPROXIMATE PROPERTY BOUNDARY

N

0 10 20
SCALE IN FEET

SOURCE:
BASE MAP PREPARED BY A-TEAM PROFESSIONAL ASSOCIATES, INC., PHOENIX, ARIZONA, RESULTS OF SURVEY, DATED 12-01-99, FROM "ORIGINAL" CONTROL, BUILDING, SOIL BORINGS AND MONITOR WELLS WERE PREPARED FOR FLUOR DANIEL GTI / ADEQ.

Registered Professional Engineer (Civil) CERTIFICATE NO. 30023 CURTIS S. WRIGHT Date Signed 5-19-01 ARIZONA U.S.A.

"AS-BUILT"

Two working days before you dig, CALL FOR THE BLUE STAKES 263-1100 1-800-STAKE-IT QUEST MARCOPA COUNTY

REFERENCES TITLE	REFERENCES TITLE

REVISIONS NO.	BY	DATE	DESCRIPTION
1	AP	12/00	AS-BUILT

REVISIONS NO.	BY	DATE	DESCRIPTION

SCALE: AS NOTED		DATE
DESIGNED BY:	GEH	2-01
DRAWN BY:	MDH	2-01
CHECKED BY:	CSW	2-01
APPROVED BY:	CSW	2-01
CLIENT APPROVAL BY:		

URS
7720 N. 16th Street Suite 100
Phoenix, Arizona 85020
(602) 371-1100

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

SITE PLAN E-4

EARLY RESPONSE ACTION REMEDIAL PROJECT
ALSCO, WEST VAN BUREN WQARF SITE
720 W. BUCHANAN STREET
PHOENIX, ARIZONA

JOB NO. 17564-027-058
DRAWING NO. C-1
REV. AB

Table E-1 ALSCO Well Information
West Van Buren WQARF Site

WVBA WELL ID	OWNER/FACILITY NAME	FACILITY WELL ID	ADWR #	TOTAL DEPTH (FT BTOC)	CASING DIAMETER (INCHES)	PERFORATED INTERVAL (FT BGS)	MEASURING POINT ELEVATION (FT AMSL)
AVB40-05	ADEQ - ALSCO	MW-3	55-536228	97	4	60-100	1,075.83
AVB40-06	ADEQ - ALSCO	MW-1	55-536229	100	4	60-100	1,075.92
AVB40-07	ADEQ - ALSCO	MW-2	55-536227	101	4	60-100	1,076.02
AVB40-08	ADEQ - ALSCO	MW-4	55-536284	100	4	60-100	1,076.99
AVB40-09	ADEQ - ALSCO	EX-1	55-577698	120	6	67-122	1076.69
AVB40-10	ADEQ - ALSCO	IN-1	55-577924	120	6	65-120	1074.97
AVB40-11	ADEQ - ALSCO	EX-1A	55-589502	125	8	65-120	-
AVB77-01	ADEQ - ALSCO	MW-5S	55-567445	106	4	70-110	1,076.16
AVB77-02	ADEQ - ALSCO	MW-5D	55-567443	149	4	130-150	1,075.41
AVB77-03	ADEQ - ALSCO	MW-5M	55-567444	225	4	205-225	1,076.12
AVB77-04	ADEQ - ALSCO	MW-6	55-571974	110	4	70-110	1,076.03

Notes: FT BTOC - Feet Below Top Of Casing
FT BGS - Feet Below Ground Surface
FT AMSL - Feet Above Mean Sea Level

Table E-2

SOIL-VAPOR SURVEY
FIELD SAMPLE ANALYSIS

Project Name: Maryatt Industries
Project Number: AE11790
Project Manager: D. Kremer

Date: 6/17/92
Analyst: D. Kremer
Hydrogeologist: M. Glotfelty

Vapor Point/Depth (ft)	Time	Run #	Concentration (PPM)				
			$MeCl_2$	TCA	Benzene	TCE	PCE
System Blank #1	1155	3	ND	ND	0.485	ND	ND
VP-1-5'	1203	4	ND	31.2	73.9	23.4	333
VP-1-5' Duplicate	1211	5	ND	24.4	73.0	23.9	343
System Blank #2	1231	6	ND	ND	ND	ND	ND
System Blank #3	1304	7	ND	ND	ND	ND	ND
System Blank #4	1327	8	ND	ND	ND	ND	ND
VP-2-5'	1338	9	0.083	9.62	186	62.5	707
System Blank #5	1411	10	ND	ND	1.19	ND	0.126
VP-3-5'	1418	11	ND	ND	24.4	16.9	246
System Blank #6	1440	12	ND	ND	0.305	0.063	0.947
System Blank #7	1458	14	ND	0.053	0.571	0.050	0.392
VP-4-5'	1507	15	ND	6.82	28.2	10.4	474
System Blank #8	1522	17	ND	ND	ND	0.020	ND
VP-5-5'	1531	18	ND	5.84	7.04	1.93	80.2
System Blank #9	1548	20	ND	ND	ND	ND	ND
VP-6-5'	1556	21	ND	6.69	4.94	2.74	51.5
Remote Blank #1	1624	23	ND	ND	ND	ND	ND
VP-11-5'	1648	24	ND	ND	ND	5.32	153
Remote Blank #2	1711	26	ND	ND	ND	ND	ND
VP-10-5'	1719	27	ND	0.018	ND	3.66	105
VP-9-5'	1736	28	ND	ND	4.55	3.51	94.8
Remote Blank #3	1744	29	ND	ND	ND	ND	ND
VP-7-5'	1755	30	0.024	0.293	26.0	8.88	183
VP-7-5' Duplicate	1803	31	ND	0.304	28.2	8.94	183
Remote Blank #4	1811	32	ND	ND	ND	ND	ND
VP-8-5'	1835	33	ND	0.070	22.2	6.46	159
Remote Blank #5	1841	34	ND	ND	ND	ND	ND

ND Denotes "Non-Detected" - Detection Limits Are: $MeCl_2$ = 0.005 ppm TCE = 0.005 ppm Benzene = 0.01 ppm

TCA = 0.001 ppm PCE = 0.002 ppm

VP Denotes Vapor Point Location

Table E-3

SOIL-VAPOR SURVEY
SAMPLING INFORMATION

Project Name: Maryan Industries
Project Number: AE11790
Project Manager: D. Kremer

Date: 6/17/92
Analyst: D. Kremer
Hydrogeologist: M. Glotfelty

Weather: Partly Cloudy and Warm

Temperature Program: 70° C Hold

Column Information: 10' x 1/8", Stainless Steel, SP-1200

FID Baseline: 0
ECD Baseline: 0
Chart Speed: 1
Input Atten.: 0
Carrier Flow Rate: 25

Lamp Intensity: N/A
PID Temperature °C: N/A
FID Temperature °C: 250
ECD Temperature °C: N/A
Injector Temperature °C: 200

Vapor Point/Depth (ft)	Time	Run #	Recorder Attenuation	Purge Time (sec)	Flowmeter Reading	Sample Loop/Syringe Size (ul)	Comments
System Blank #1	1155	3	1	900	150+	1000	Line purged after 1" big hit
VP-1-5'	1203	4	10	120	150+	1000	Point resampled after purge
VP-1-5' Duplicate	1211	5	10	60	150+	1000	Duplicate run
System Blank #2	1231	6	1	1200	150+	1000	
System Blank #3	1304	7	1	1980	150+	1000	
System Blank #4	1327	8	1	1380	150+	1000	
VP-2-5'	1338	9	10	120	150+	1000	
System Blank #5	1411	10	1	1980	150+	1000	
VP-3-5'	1418	11	10	90	150+	1000	
System Blank #6	1440	12	1	1320	150+	1000	
System Blank #7	1458	14	1	1080	150+	1000	
VP-4-5'	1507	15	4	120	150+	1000	
System Blank #8	1522	17	4	900	150+	1000	
VP-5-5'	1531	18	2	120	150+	1000	
System Blank #9	1548	20	2	1020	150+	1000	
VP-6-5'	1556	21	2	120	150+	1000	
Remote Blank #1	1624	23	2	300	2 liters/min	1000	Remote Sampling-(Syringe)
VP-11-5'	1648	24	2	60	2 liters/min	1000	Remote Sampling-(Syringe)
Remote Blank #2	1711	26	2	300	2 liters/min	1000	Remote Sampling-(Syringe)
VP-10-5'	1719	27	2	60	2 liters/min	1000	Remote Sampling-(Syringe)
VP-9-5'	1736	28	2	60	2 liters/min	1000	Remote Sampling-(Syringe)
Remote Blank #3	1744	29	4	600	2 liters/min	1000	Remote Sampling-(Syringe)

Table E-3 (cont.)

SOIL-VAPOR SURVEY
SAMPLING INFORMATION

Project Name: Maryatt Industries	**Date:** 6/17/92
Project Number: AE11790	**Analyst:** D. Kremer
Project Manager: D. Kremer	**Hydrogeologist:** M. Glotfelty

Vapor Point/Depth (ft)	Time	Run #	Recorder Attenuation	Purge Time (sec)	Flowmeter Reading	Sample Loop/Syringe Size (ml)	Comments
VP-7-5'	1755	30	4	60	2 liters/min	1000	Remote Sampling-(Syringe)
VP-7-5' Duplicate	1803	31	4	60	2 liters/min	1000	Remote Sampling-(Syringe) Duplicate Run
Remote Blank #4	1811	32	4	300	2 liters/min	1000	Remote Sampling-(Syringe)
VP-8-5'	1835	33	4	60	2 liters/min	1000	Remote Sampling-(Syringe)
Remote Blank #5	1841	34	4	300	2 liters/min	1000	Remote Sampling-(Syringe)

Table E-4

SOIL-VAPOR SURVEY
FIELD CHROMATOGRAPHIC STANDARD ANALYSIS

Project Name: Maryatt Industries
Project Number: AE11790
Project Manager: D. Kremer

Date: 6/17/92
Analyst: D. Kremer
Hydrogeologist: M. Glotfelty

Compound	Injection Time	Run #	Retention Time	Area Count	Standard Concentration (ppm)	Response Factor
Benzene	1020	1	1.628	1.17E5	10.0	8.55E-5
$MeCl_2$	1144	2	1.012	4.96E5	10.1	2.04E-5
TCA	1144	2	1.320	6.03E5	10.1	1.67E-5
TCE	1144	2	1.946	5.31E5	10.1	1.90E-5
PCE	1144	2	3.643	5.92E5	10.1	1.71E-5
$MeCl_2$	1446	13	0.972	3.61E5	10.1	2.80E-5
TCA	1446	13	1.273	3.17E5	10.1	3.19E-5
TCE	1446	13	1.881	2.14E5	10.1	4.72E-5
PCE	1446	13	3.534	2.08E5	10.1	4.86E-5
$MeCl_2$	1516	16	0.977	4.27E5	10.1	2.37E-5
TCA	1516	16	1.280	6.43E5	10.1	1.57E-5
TCE	1516	16	1.894	6.45E5	10.1	1.57E-5
PCE	1516	16	3.563	3.12E5	10.1	3.24E-5
$MeCl_2$	1540	19	1.000	4.24E5	10.1	2.38E-5
TCA	1540	19	1.307	6.42E5	10.1	1.57E-5
TCE	1540	19	1.927	7.18E5	10.1	1.41E-5
PCE	1540	19	3.605	5.54E5	10.1	1.82E-5
$MeCl_2$	1616	22	0.987	4.31E5	10.1	2.34E-5
TCA	1616	22	1.291	4.02E5	10.1	2.51E-5
TCE	1616	22	1.906	1.90E5	10.1	5.32E-5
PCE	1616	22	3.579	1.44E5	10.1	7.01E-5
$MeCl_2$	1659	25	0.981	5.29E5	10.1	1.91E-5
TCA	1659	25	1.284	5.72E5	10.1	1.77E-5
TCE	1659	25	1.895	3.80E5	10.1	2.66E-5
PCE	1659	25	3.552	1.69E5	10.1	5.98E-5
$MeCl_2$	1848	35	0.986	4.47E5	10.1	2.26E-5
TCA	1848	35	1.290	6.64E5	10.1	1.52E-5
TCE	1848	35	1.905	5.98E5	10.1	1.69E-5
PCE	1848	35	3.572	4.82E5	10.1	2.10E-5

CORELAB

GULF STATES ANALYTICAL

02/04/99

Mr. Ken Green
IT Corporation
1100 East University, Suite 116
Tempe, AZ 85281

Reference:
Project: ADEQ Alsco
Project No.: 103260-6133
Date Received: 01/21/99
GSA Group: 45956 Group Report Date: 02/04/99

Dear Mr. Green:

Enclosed are the analytical results for your project referenced above. The following samples are included in the report.

VMW-3-1 Can #097 :240650	VMW-3-2 Can #212 :240651
VMW-3-3 Can #209 :240652	VMW-3-4 Can #173 :240653
VMW-2-1 Can #170 :240654	VMW-2-2 Can #121 :240655
VMW-2-3 Can #111 :240656	VMW-2-4 Can #210 :240657
VMW-4-1 Can #125 :240658	VMW-4-2 Can #217 :240659
VMW-4-3 Can #208 :240660	VMW-4-4 Can #120 :240661
VMW-1-13.5 Can #099 :240662	VMW-1-35 Can #155 :240663
VMW-1-45 Can #124 :240664	VMW-1-56 Can #163 :240665
VMW-EB Can #167 :240666	VMW-BD Can #107 :240667

All holding times were met for the tests performed on these samples.

Our A2LA accreditation requires that, should this report be reproduced, it must be reproduced in total.

Enclosed please find the Quality Control Summary. All quality control results for the QC batch that are applicable to this sample(s) are acceptable except as noted in the QC batch reports.

If the report is acceptable, please approve the enclosed invoice and forward it for payment.

Thank you for selecting Core Lab - Gulf States Analytical to serve as your analytical laboratory on this project. If you have any questions concerning these results, please feel free to contact me at any time.

COPY

RECEIVED
FEB 15 '99
IT CORPORATION
TEMPE, ARIZONA

Core Laboratories, Inc.
6310 Rothway, Houston, Texas 77040, (713) 690-4444, Fax (713) 690-5646

CORELAB

GULF STATES ANALYTICAL

02/04/99

Reference:
Project: ADEQ Alsco
Project No.: 103260-6133
Date Received: 01/21/99
GSA Group: 45956 Group Report Date: 02/04/99
Page 2

We look forward to working with you on future projects.

Sincerely yours,

Shannon Tyrell
Project Manager

Enclosure

Core Laboratories, Inc.
6310 Rothway, Houston, Texas 77040, (713) 690-4444 Fax (713) 690-5646

CORE LAB

GULF STATES ANALYTICAL

ANALYSIS SUMMARY REPORT

IT Corporation
1100 East University, Suite 116
Tempe, AZ 85281

GSA Group: 45956
Date Reported: 02/04/1999
Date Received: 01/21/1999

Attn: Mr. Ken Green
Project: ADEQ Alsco

Purchase Order: 397519
Project No.: 103260-6133

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240650 - 01/18/1999 - VMW-3-1 Can #097				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	5,000
	Chloromethane (Methyl chloride)	ND	ppbv	5,000
	1,2-Dichlorotetrafluoroethane	ND	ppbv	5,000
	Vinyl chloride	ND	ppbv	5,000
	Bromomethane (Methyl bromide)	ND	ppbv	5,000
	Chloroethane (Ethyl chloride)	ND	ppbv	5,000
	Trichlorofluoromethane	ND	ppbv	5,000
	1,1-Dichloroethene	ND	ppbv	5,000
	Dichloromethane	ND	ppbv	5,000
	Allyl chloride (3-Chloropropene)	ND	ppbv	5,000
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	5,000
	1,1-Dichloroethane	ND	ppbv	5,000
	cis-1,2-Dichloroethene	6,860	ppbv	5,000
	Chloroform	ND	ppbv	5,000
	1,2-Dichloroethane	ND	ppbv	5,000
	1,1,1-Trichloroethane	ND	ppbv	5,000
	Benzene	ND	ppbv	5,000
	Carbon tetrachloride	ND	ppbv	5,000
	1,2-Dichloropropane	ND	ppbv	5,000
	Trichloroethene	14,600	ppbv	5,000
	cis-1,3-Dichloropropene	ND	ppbv	5,000
	trans-1,3-Dichloropropene	ND	ppbv	5,000
	1,1,2-Trichloroethane	ND	ppbv	5,000
	Toluene	17,500	ppbv	5,000
	Ethylene dibromide (EDB)	ND	ppbv	5,000
	Tetrachloroethene	1,010,000	ppbv	100,000
	Chlorobenzene	ND	ppbv	5,000
	Ethylbenzene	5,300	ppbv	5,000
	m,p-Xylene	57,500	ppbv	5,000
	Styrene	ND	ppbv	5,000
	1,1,2,2-Tetrachloroethane	ND	ppbv	5,000
	o-Xylene	27,600	ppbv	5,000
	4-Ethyltoluene	13,800	ppbv	5,000
	1,3,5-Trimethylbenzene	15,000	ppbv	5,000
	1,2,4-Trimethylbenzene (Pseudocumen	53,900	ppbv	5,000

CORELAB

GULF STATES ANALYTICAL

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240650 - 01/18/1999 - VMW-3-1 Can #097				
8340	Volatiles, TO-14			
	Benzyl chloride	ND	ppbv	5,000
	1,3-Dichlorobenzene	ND	ppbv	5,000
	1,4-Dichlorobenzene	ND	ppbv	5,000
	1,2-Dichlorobenzene	ND	ppbv	5,000
	1,2,4-Trichlorobenzene	ND	ppbv	5,000
	Hexachloro-1,3-butadiene	ND	ppbv	5,000
Sample:240651 - 01/18/1999 - VMW-3-2 Can #212				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	2,260	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	2,670	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	898	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	210,000	ppbv	5,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	536	ppbv	500

CORELAB

GULF STATES ANALYTICAL

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240651 - 01/18/1999 - VMW-3-2 Can #212				
8340	Volatiles, TO-14			
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240652 - 01/18/1999 - VMW-3-3 Can #209				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	ND	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	580	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	3,410	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240652 - 01/18/1999 - VMW-3-3 Can #209				
8340	Volatiles, TO-14			
	Toluene	1,180	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	252,000	ppbv	5,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	1,630	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	655	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	625	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240653 - 01/18/1999 - VMW-3-4 Can #173				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	300
	Chloromethane (Methyl chloride)	ND	ppbv	300
	1,2-Dichlorotetrafluoroethane	ND	ppbv	300
	Vinyl chloride	ND	ppbv	300
	Bromomethane (Methyl bromide)	ND	ppbv	300
	Chloroethane (Ethyl chloride)	ND	ppbv	300
	Trichlorofluoromethane	ND	ppbv	300
	1,1-Dichloroethene	ND	ppbv	300
	Dichloromethane	ND	ppbv	300
	Allyl chloride (3-Chloropropene)	ND	ppbv	300
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	300
	1,1-Dichloroethane	ND	ppbv	300
	cis-1,2-Dichloroethene	ND	ppbv	300
	Chloroform	ND	ppbv	300
	1,2-Dichloroethane	ND	ppbv	300
	1,1,1-Trichloroethane	ND	ppbv	300
	Benzene	690	ppbv	300

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240653 - 01/18/1999 - VMW-3-4 Can #173				
8340	Volatiles, TO-14			
	Carbon tetrachloride	ND	ppbv	300
	1,2-Dichloropropane	ND	ppbv	300
	Trichloroethene	1,050	ppbv	300
	cis-1,3-Dichloropropene	ND	ppbv	300
	trans-1,3-Dichloropropene	ND	ppbv	300
	1,1,2-Trichloroethane	ND	ppbv	300
	Toluene	2,390	ppbv	300
	Ethylene dibromide (EDB)	ND	ppbv	300
	Tetrachloroethene	60,200	ppbv	5,000
	Chlorobenzene	ND	ppbv	300
	Ethylbenzene	353	ppbv	300
	m,p-Xylene	1,270	ppbv	300
	Styrene	ND	ppbv	300
	1,1,2,2-Tetrachloroethane	ND	ppbv	300
	o-Xylene	524	ppbv	300
	4-Ethyltoluene	ND	ppbv	300
	1,3,5-Trimethylbenzene	ND	ppbv	300
	1,2,4-Trimethylbenzene (Pseudocumen	444	ppbv	300
	Benzyl chloride	ND	ppbv	300
	1,3-Dichlorobenzene	ND	ppbv	300
	1,4-Dichlorobenzene	ND	ppbv	300
	1,2-Dichlorobenzene	ND	ppbv	300
	1,2,4-Trichlorobenzene	ND	ppbv	300
	Hexachloro-1,3-butadiene	ND	ppbv	300
Sample:240654 - 01/18/1999 - VMW-2-1 Can #170				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	5,000
	Chloromethane (Methyl chloride)	ND	ppbv	5,000
	1,2-Dichlorotetrafluoroethane	ND	ppbv	5,000
	Vinyl chloride	ND	ppbv	5,000
	Bromomethane (Methyl bromide)	ND	ppbv	5,000
	Chloroethane (Ethyl chloride)	ND	ppbv	5,000
	Trichlorofluoromethane	ND	ppbv	5,000
	1,1-Dichloroethene	ND	ppbv	5,000
	Dichloromethane	ND	ppbv	5,000
	Allyl chloride (3-Chloropropene)	ND	ppbv	5,000
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	5,000

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240654 - 01/18/1999 - VMW-2-1 Can #170				
8340	Volatiles, TO-14			
	1,1-Dichloroethane	ND	ppbv	5,000
	cis-1,2-Dichloroethene	10,300	ppbv	5,000
	Chloroform	ND	ppbv	5,000
	1,2-Dichloroethane	ND	ppbv	5,000
	1,1,1-Trichloroethane	ND	ppbv	5,000
	Benzene	ND	ppbv	5,000
	Carbon tetrachloride	ND	ppbv	5,000
	1,2-Dichloropropane	ND	ppbv	5,000
	Trichloroethene	11,000	ppbv	5,000
	cis-1,3-Dichloropropene	ND	ppbv	5,000
	trans-1,3-Dichloropropene	ND	ppbv	5,000
	1,1,2-Trichloroethane	ND	ppbv	5,000
	Toluene	ND	ppbv	5,000
	Ethylene dibromide (EDB)	ND	ppbv	5,000
	Tetrachloroethene	3,970,000	ppbv	300,000
	Chlorobenzene	ND	ppbv	5,000
	Ethylbenzene	ND	ppbv	5,000
	m,p-Xylene	ND	ppbv	5,000
	Styrene	ND	ppbv	5,000
	1,1,2,2-Tetrachloroethane	ND	ppbv	5,000
	o-Xylene	ND	ppbv	5,000
	4-Ethyltoluene	ND	ppbv	5,000
	1,3,5-Trimethylbenzene	ND	ppbv	5,000
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	5,000
	Benzyl chloride	ND	ppbv	5,000
	1,3-Dichlorobenzene	ND	ppbv	5,000
	1,4-Dichlorobenzene	ND	ppbv	5,000
	1,2-Dichlorobenzene	ND	ppbv	5,000
	1,2,4-Trichlorobenzene	ND	ppbv	5,000
	Hexachloro-1,3-butadiene	ND	ppbv	5,000
Sample:240655 - 01/18/1999 - VMW-2-2 Can #121				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240655 - 01/18/1999 - VMW-2-2 Can #121				
8340	Volatiles, TO-14			
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	1,380	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	1,560	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	720	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	352,000	ppbv	10,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240656 - 01/18/1999 - VMW-2-3 Can #111				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	1,000

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240656 - 01/18/1999 - VMW-2-3 Can #111				
8340	Volatiles, TO-14			
	Chloromethane (Methyl chloride)	ND	ppbv	1,000
	1,2-Dichlorotetrafluoroethane	ND	ppbv	1,000
	Vinyl chloride	ND	ppbv	1,000
	Bromomethane (Methyl bromide)	ND	ppbv	1,000
	Chloroethane (Ethyl chloride)	ND	ppbv	1,000
	Trichlorofluoromethane	ND	ppbv	1,000
	1,1-Dichloroethene	ND	ppbv	1,000
	Dichloromethane	ND	ppbv	1,000
	Allyl chloride (3-Chloropropene)	ND	ppbv	1,000
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	1,000
	1,1-Dichloroethane	ND	ppbv	1,000
	cis-1,2-Dichloroethene	2,880	ppbv	1,000
	Chloroform	ND	ppbv	1,000
	1,2-Dichloroethane	ND	ppbv	1,000
	1,1,1-Trichloroethane	ND	ppbv	1,000
	Benzene	ND	ppbv	1,000
	Carbon tetrachloride	ND	ppbv	1,000
	1,2-Dichloropropane	ND	ppbv	1,000
	Trichloroethene	7,260	ppbv	1,000
	cis-1,3-Dichloropropene	ND	ppbv	1,000
	trans-1,3-Dichloropropene	ND	ppbv	1,000
	1,1,2-Trichloroethane	ND	ppbv	1,000
	Toluene	2,770	ppbv	1,000
	Ethylene dibromide (EDB)	ND	ppbv	1,000
	Tetrachloroethene	493,000	ppbv	5,000
	Chlorobenzene	ND	ppbv	1,000
	Ethylbenzene	ND	ppbv	1,000
	m,p-Xylene	1,190	ppbv	1,000
	Styrene	ND	ppbv	1,000
	1,1,2,2-Tetrachloroethane	ND	ppbv	1,000
	o-Xylene	ND	ppbv	1,000
	4-Ethyltoluene	ND	ppbv	1,000
	1,3,5-Trimethylbenzene	ND	ppbv	1,000
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	1,000
	Benzyl chloride	ND	ppbv	1,000
	1,3-Dichlorobenzene	ND	ppbv	1,000
	1,4-Dichlorobenzene	ND	ppbv	1,000
	1,2-Dichlorobenzene	ND	ppbv	1,000

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240656 - 01/18/1999 - VMW-2-3 Can #111				
8340	Volatiles, TO-14			
	1,2,4-Trichlorobenzene	ND	ppbv	1,000
	Hexachloro-1,3-butadiene	ND	ppbv	1,000
Sample:240657 - 01/18/1999 - VMW-2-4 Can #210				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	200
	Chloromethane (Methyl chloride)	ND	ppbv	200
	1,2-Dichlorotetrafluoroethane	ND	ppbv	200
	Vinyl chloride	ND	ppbv	200
	Bromomethane (Methyl bromide)	ND	ppbv	200
	Chloroethane (Ethyl chloride)	ND	ppbv	200
	Trichlorofluoromethane	ND	ppbv	200
	1,1-Dichloroethene	ND	ppbv	200
	Dichloromethane	206	ppbv	200
	Allyl chloride (3-Chloropropene)	ND	ppbv	200
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	200
	1,1-Dichloroethane	ND	ppbv	200
	cis-1,2-Dichloroethene	ND	ppbv	200
	Chloroform	ND	ppbv	200
	1,2-Dichloroethane	ND	ppbv	200
	1,1,1-Trichloroethane	ND	ppbv	200
	Benzene	ND	ppbv	200
	Carbon tetrachloride	ND	ppbv	200
	1,2-Dichloropropane	ND	ppbv	200
	Trichloroethene	1,130	ppbv	200
	cis-1,3-Dichloropropene	ND	ppbv	200
	trans-1,3-Dichloropropene	ND	ppbv	200
	1,1,2-Trichloroethane	ND	ppbv	200
	Toluene	600	ppbv	200
	Ethylene dibromide (EDB)	ND	ppbv	200
	Tetrachloroethene	64,600	ppbv	5,000
	Chlorobenzene	ND	ppbv	200
	Ethylbenzene	ND	ppbv	200
	m,p-Xylene	332	ppbv	200
	Styrene	ND	ppbv	200
	1,1,2,2-Tetrachloroethane	ND	ppbv	200
	o-Xylene	ND	ppbv	200
	4-Ethyltoluene	ND	ppbv	200

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240657 - 01/18/1999 - VMW-2-4 Can #210				
8340	Volatiles, TO-14			
	1,3,5-Trimethylbenzene	ND	ppbv	200
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	200
	Benzyl chloride	ND	ppbv	200
	1,3-Dichlorobenzene	ND	ppbv	200
	1,4-Dichlorobenzene	ND	ppbv	200
	1,2-Dichlorobenzene	ND	ppbv	200
	1,2,4-Trichlorobenzene	ND	ppbv	200
	Hexachloro-1,3-butadiene	ND	ppbv	200
Sample:240658 - 01/19/1999 - VMW-4-1 Can #125				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	15,500	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	14,300	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	ND	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	1,320,000	ppbv	100,000
	Chlorobenzene	ND	ppbv	500

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240658 - 01/19/1999 - VMW-4-1 Can #125				
8340	Volatiles, TO-14			
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240659 - 01/19/1999 - VMW-4-2 Can #217				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	7,710	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	4,770	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240659 - 01/19/1999 - VMW-4-2 Can #217				
8340	Volatiles, TO-14			
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	ND	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	258,000	ppbv	20,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240660 - 01/19/1999 - VMW-4-3 Can #208				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	4,640	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240660 - 01/19/1999 - VMW-4-3 Can #208				
8340	Volatiles, TO-14			
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	7,160	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	1,180	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	328,000	ppbv	60,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240661 - 01/19/1999 - VMW-4-4 Can #120				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500

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Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240661 - 01/19/1999 - VMW-4-4 Can #120				
8340	Volatiles, TO-14			
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	810	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	1,830	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	ND	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	142,000	ppbv	5,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240662 - 01/19/1999 - VMW-1-13.5 Can #099				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500

CORELAB

GULF STATES ANALYTICAL

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240662 - 01/19/1999 - VMW-1-13.5 Can #099				
8340	Volatiles, TO-14			
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	3,270	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	4,320	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	ND	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	147,000	ppbv	5,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500

CORELAB

GULF STATES ANALYTICAL

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240663 - 01/19/1999 - VMW-1-35 Can #155				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	3,340	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	4,120	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	ND	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	939,000	ppbv	100,000
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240663 - 01/19/1999 - VMW-1-35 Can #155				
8340	Volatiles, TO-14			
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240664 - 01/19/1999 - VMW-1-45 Can #124				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	5,000
	Chloromethane (Methyl chloride)	ND	ppbv	5,000
	1,2-Dichlorotetrafluoroethane	ND	ppbv	5,000
	Vinyl chloride	ND	ppbv	5,000
	Bromomethane (Methyl bromide)	ND	ppbv	5,000
	Chloroethane (Ethyl chloride)	ND	ppbv	5,000
	Trichlorofluoromethane	ND	ppbv	5,000
	1,1-Dichloroethene	ND	ppbv	5,000
	Dichloromethane	ND	ppbv	5,000
	Allyl chloride (3-Chloropropene)	ND	ppbv	5,000
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	5,000
	1,1-Dichloroethane	ND	ppbv	5,000
	cis-1,2-Dichloroethene	6,200	ppbv	5,000
	Chloroform	ND	ppbv	5,000
	1,2-Dichloroethane	ND	ppbv	5,000
	1,1,1-Trichloroethane	ND	ppbv	5,000
	Benzene	ND	ppbv	5,000
	Carbon tetrachloride	ND	ppbv	5,000
	1,2-Dichloropropane	ND	ppbv	5,000
	Trichloroethene	10,800	ppbv	5,000
	cis-1,3-Dichloropropene	ND	ppbv	5,000
	trans-1,3-Dichloropropene	ND	ppbv	5,000
	1,1,2-Trichloroethane	ND	ppbv	5,000
	Toluene	ND	ppbv	5,000
	Ethylene dibromide (EDB)	ND	ppbv	5,000
	Tetrachloroethene	3,160,000	ppbv	200,000
	Chlorobenzene	ND	ppbv	5,000
	Ethylbenzene	ND	ppbv	5,000
	m,p-Xylene	ND	ppbv	5,000
	Styrene	ND	ppbv	5,000
	1,1,2,2-Tetrachloroethane	ND	ppbv	5,000
	o-Xylene	ND	ppbv	5,000

ANALYSIS SUMMARY REPORT

IT Corporation GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240664 - 01/19/1999 - VMW-1-45 Can #124				
8340	Volatiles, TO-14			
	4-Ethyltoluene	ND	ppbv	5,000
	1,3,5-Trimethylbenzene	ND	ppbv	5,000
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	5,000
	Benzyl chloride	ND	ppbv	5,000
	1,3-Dichlorobenzene	ND	ppbv	5,000
	1,4-Dichlorobenzene	ND	ppbv	5,000
	1,2-Dichlorobenzene	ND	ppbv	5,000
	1,2,4-Trichlorobenzene	ND	ppbv	5,000
	Hexachloro-1,3-butadiene	ND	ppbv	5,000
Sample:240665 - 01/19/1999 - VMW-1-56 Can #163				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	500
	Chloromethane (Methyl chloride)	ND	ppbv	500
	1,2-Dichlorotetrafluoroethane	ND	ppbv	500
	Vinyl chloride	ND	ppbv	500
	Bromomethane (Methyl bromide)	ND	ppbv	500
	Chloroethane (Ethyl chloride)	ND	ppbv	500
	Trichlorofluoromethane	ND	ppbv	500
	1,1-Dichloroethene	ND	ppbv	500
	Dichloromethane	ND	ppbv	500
	Allyl chloride (3-Chloropropene)	ND	ppbv	500
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	500
	1,1-Dichloroethane	ND	ppbv	500
	cis-1,2-Dichloroethene	12,000	ppbv	500
	Chloroform	ND	ppbv	500
	1,2-Dichloroethane	ND	ppbv	500
	1,1,1-Trichloroethane	ND	ppbv	500
	Benzene	ND	ppbv	500
	Carbon tetrachloride	ND	ppbv	500
	1,2-Dichloropropane	ND	ppbv	500
	Trichloroethene	4,220	ppbv	500
	cis-1,3-Dichloropropene	ND	ppbv	500
	trans-1,3-Dichloropropene	ND	ppbv	500
	1,1,2-Trichloroethane	ND	ppbv	500
	Toluene	ND	ppbv	500
	Ethylene dibromide (EDB)	ND	ppbv	500
	Tetrachloroethene	431,000	ppbv	10,000

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240665 - 01/19/1999 - VMW-1-56 Can #163				
8340	Volatiles, TO-14			
	Chlorobenzene	ND	ppbv	500
	Ethylbenzene	ND	ppbv	500
	m,p-Xylene	ND	ppbv	500
	Styrene	ND	ppbv	500
	1,1,2,2-Tetrachloroethane	ND	ppbv	500
	o-Xylene	ND	ppbv	500
	4-Ethyltoluene	ND	ppbv	500
	1,3,5-Trimethylbenzene	ND	ppbv	500
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	500
	Benzyl chloride	ND	ppbv	500
	1,3-Dichlorobenzene	ND	ppbv	500
	1,4-Dichlorobenzene	ND	ppbv	500
	1,2-Dichlorobenzene	ND	ppbv	500
	1,2,4-Trichlorobenzene	ND	ppbv	500
	Hexachloro-1,3-butadiene	ND	ppbv	500
Sample:240666 - 01/19/1999 - VMW-EB Can #167				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	1
	Chloromethane (Methyl chloride)	ND	ppbv	1
	1,2-Dichlorotetrafluoroethane	ND	ppbv	1
	Vinyl chloride	ND	ppbv	1
	Bromomethane (Methyl bromide)	ND	ppbv	1
	Chloroethane (Ethyl chloride)	ND	ppbv	1
	Trichlorofluoromethane	ND	ppbv	1
	1,1-Dichloroethene	ND	ppbv	1
	Dichloromethane	ND	ppbv	1
	Allyl chloride (3-Chloropropene)	ND	ppbv	1
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	1
	1,1-Dichloroethane	ND	ppbv	1
	cis-1,2-Dichloroethene	ND	ppbv	1
	Chloroform	ND	ppbv	1
	1,2-Dichloroethane	ND	ppbv	1
	1,1,1-Trichloroethane	ND	ppbv	1
	Benzene	ND	ppbv	1
	Carbon tetrachloride	ND	ppbv	1
	1,2-Dichloropropane	ND	ppbv	1
	Trichloroethene	ND	ppbv	1

ANALYSIS SUMMARY REPORT

IT Corporation GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240666 - 01/19/1999 - VMW-EB Can #167				
8340	Volatiles, TO-14			
	cis-1,3-Dichloropropene	ND	ppbv	1
	trans-1,3-Dichloropropene	ND	ppbv	1
	1,1,2-Trichloroethane	ND	ppbv	1
	Toluene	ND	ppbv	1
	Ethylene dibromide (EDB)	ND	ppbv	1
	Tetrachloroethene	ND	ppbv	1
	Chlorobenzene	ND	ppbv	1
	Ethylbenzene	ND	ppbv	1
	m,p-Xylene	ND	ppbv	1
	Styrene	ND	ppbv	1
	1,1,2,2-Tetrachloroethane	ND	ppbv	1
	o-Xylene	ND	ppbv	1
	4-Ethyltoluene	ND	ppbv	1
	1,3,5-Trimethylbenzene	ND	ppbv	1
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	1
	Benzyl chloride	ND	ppbv	1
	1,3-Dichlorobenzene	ND	ppbv	1
	1,4-Dichlorobenzene	ND	ppbv	1
	1,2-Dichlorobenzene	ND	ppbv	1
	1,2,4-Trichlorobenzene	ND	ppbv	1
	Hexachloro-1,3-butadiene	ND	ppbv	1
Sample:240667 - 01/19/1999 - VMW-BD Can #107				
8340	Volatiles, TO-14			
	Dichlorodifluoromethane	ND	ppbv	5,000
	Chloromethane (Methyl chloride)	ND	ppbv	5,000
	1,2-Dichlorotetrafluoroethane	ND	ppbv	5,000
	Vinyl chloride	ND	ppbv	5,000
	Bromomethane (Methyl bromide)	ND	ppbv	5,000
	Chloroethane (Ethyl chloride)	ND	ppbv	5,000
	Trichlorofluoromethane	ND	ppbv	5,000
	1,1-Dichloroethene	ND	ppbv	5,000
	Dichloromethane	ND	ppbv	5,000
	Allyl chloride (3-Chloropropene)	ND	ppbv	5,000
	1,1,2-Trichloro-1,2,2-trifluoroetha	ND	ppbv	5,000
	1,1-Dichloroethane	ND	ppbv	5,000
	cis-1,2-Dichloroethene	6,100	ppbv	5,000
	Chloroform	ND	ppbv	5,000

CORELAB

GULF STATES ANALYTICAL

ANALYSIS SUMMARY REPORT

IT Corporation

GSA Group: 45956

Test	Analysis	Results as Received	Units	Limit of Quantitation
Sample:240667 - 01/19/1999 - VMW-BD Can #107				
8340	Volatiles, TO-14			
	1,2-Dichloroethane	ND	ppbv	5,000
	1,1,1-Trichloroethane	ND	ppbv	5,000
	Benzene	ND	ppbv	5,000
	Carbon tetrachloride	ND	ppbv	5,000
	1,2-Dichloropropane	ND	ppbv	5,000
	Trichloroethene	10,500	ppbv	5,000
	cis-1,3-Dichloropropene	ND	ppbv	5,000
	trans-1,3-Dichloropropene	ND	ppbv	5,000
	1,1,2-Trichloroethane	ND	ppbv	5,000
	Toluene	ND	ppbv	5,000
	Ethylene dibromide (EDB)	ND	ppbv	5,000
	Tetrachloroethene	3,370,000	ppbv	400,000
	Chlorobenzene	ND	ppbv	5,000
	Ethylbenzene	ND	ppbv	5,000
	m,p-Xylene	ND	ppbv	5,000
	Styrene	ND	ppbv	5,000
	1,1,2,2-Tetrachloroethane	ND	ppbv	5,000
	o-Xylene	ND	ppbv	5,000
	4-Ethyltoluene	ND	ppbv	5,000
	1,3,5-Trimethylbenzene	ND	ppbv	5,000
	1,2,4-Trimethylbenzene (Pseudocumen	ND	ppbv	5,000
	Benzyl chloride	ND	ppbv	5,000
	1,3-Dichlorobenzene	ND	ppbv	5,000
	1,4-Dichlorobenzene	ND	ppbv	5,000
	1,2-Dichlorobenzene	ND	ppbv	5,000
	1,2,4-Trichlorobenzene	ND	ppbv	5,000
	Hexachloro-1,3-butadiene	ND	ppbv	5,000

Test Method Summary:
8340 - EPA AIR TOXICS TO-14

ND - Compound was analyzed but not detected.

Respectfully Submitted,
Reviewed and Approved by:

Shannon Tyrell
Project Manager

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:10
Group: 45956

Analysis Batch Number: 8340 -02/01/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 020199.bQ
Number of Samples : 33
Batch Data-Date/Time : 02/09/99 / 14:36:07

BLANK#	ANALYTE	CONC FOUND #	LMT OF QUANTITATION
VBLK-020199	1,1,1-Trichloroethane	0.6040	1.0000
	Tetrachloroethene	0.6210	1.0000
	Hexachloro-1,3-butadiene	0.5400	1.0000

CONTROL SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
LCS-020199	Dichlorodifluoromethane	7.8800	10.0000	78.8	78.2	126.8
	Chloromethane (Methyl chloride)	7.7100	10.0000	77.1	72.1	128.4
	1,2-Dichlorotetrafluoroethane	7.8200	10.0000	78.2	74.3	131.0
	Vinyl chloride	7.5400	10.0000	75.4	74.0	131.7
	Bromomethane (Methyl bromide)	8.4600	10.0000	84.6	79.2	127.0
	Chloroethane (Ethyl chloride)	8.5800	10.0000	85.8	75.4	132.2
	Trichlorofluoromethane	9.1500	10.0000	91.5	77.8	135.4
	1,1-Dichloroethene	9.6800	10.0000	96.8	71.9	143.2
	Dichloromethane	8.6600	10.0000	86.6	77.1	134.1
	Allyl chloride (3-Chloropropene)	8.2200	10.0000	82.2	76.5	129.5
	1,1,2-Trichloro-1,2,2-trifluoroetha	9.9100	10.0000	99.1	77.8	143.3
	1,1-Dichloroethane	7.9200	10.0000	79.2	66.5	159.0
	cis-1,2-Dichloroethene	7.7400	10.0000	77.4(G)	78.1	140.9
	Chloroform	8.1800	10.0000	81.8	77.3	135.9
	1,2-Dichloroethane	7.9400	10.0000	79.4	72.2	148.7
	1,1,1-Trichloroethane	8.1800	10.0000	81.8	73.6	140.3
	Benzene	8.2900	10.0000	82.9	76.5	137.9
	Carbon tetrachloride	8.5000	10.0000	85.0	76.0	136.6
	1,2-Dichloropropane	9.3100	10.0000	93.1	77.6	134.8
	Trichloroethene	10.1200	10.0000	101.2	77.6	135.3
	cis-1,3-Dichloropropene	9.5400	10.0000	95.4	53.3	192.3
	trans-1,3-Dichloropropene	9.7900	10.0000	97.9	34.2	224.1
	1,1,2-Trichloroethane	9.6900	10.0000	96.9	79.4	134.9
	Toluene	9.8700	10.0000	98.7	78.2	139.2
	Ethylene dibromide (EDB)	9.8600	10.0000	98.6	79.0	135.0
	Tetrachloroethene	9.4000	10.0000	94.0	76.7	140.4
	Chlorobenzene	9.6500	10.0000	96.5	78.4	138.9
	Ethylbenzene	10.0100	10.0000	100.1	79.5	136.4
	m,p-Xylene	20.9600	20.0000	104.8	72.7	147.7
	Styrene	10.4300	10.0000	104.3	39.6	129.4
	1,1,2,2-Tetrachloroethane	10.2600	10.0000	102.6	77.2	138.0
	o-Xylene	10.6400	10.0000	106.4	68.1	152.1
	4-Ethyltoluene	11.0600	10.0000	110.6	49.1	162.8
	1,3,5-Trimethylbenzene	10.9200	10.0000	109.2	50.5	205.1
	1,2,4-Trimethylbenzene (Pseudocumen	11.3400	10.0000	113.4	46.0	221.8
	Benzyl chloride	11.3900	20.0000	57.0	10.0	160.0
	1,3-Dichlorobenzene	10.7200	10.0000	107.2	74.8	145.0
	1,4-Dichlorobenzene	10.0800	10.0000	100.8	73.5	146.9
	1,2-Dichlorobenzene	10.6200	10.0000	106.2	70.4	154.8
	1,2,4-Trichlorobenzene	11.1600	10.0000	111.6	14.0	202.5
	Hexachloro-1,3-butadiene	11.7800	10.0000	117.8	27.4	191.2

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:11
Group: 45956

Analysis Batch Number: 8340 -02/01/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 020199.bQ
Number of Samples : 33
Batch Data-Date/Time : 02/09/99 / 14:36:07

SURG #:65-8340 -A-SU

SAMPLE#	BFB #
SAMPLE 45956-240650	86
SAMPLE 45956-240651	51(L)
SAMPLE 45956-240652	96
SAMPLE 45956-240653	91
SAMPLE 45956-240654	86
SAMPLE 45956-240655	93
SAMPLE 45956-240656	98
SAMPLE 45956-240657	84
SAMPLE 45956-240653	108
SAMPLE 45956-240657	84
SAMPLE 45956-240650	78
SAMPLE 45956-240651	87
SAMPLE 45956-240652	86
SAMPLE 45956-240654	84
SAMPLE 45956-240655	90
SAMPLE 45956-240656	87
SAMPLE 45956-240655	80
SAMPLE 45956-240656	85
SAMPLE 45956-240658	89
SAMPLE 45956-240659	57(L)
SAMPLE 45956-240660	56(L)
SAMPLE 45956-240661	89
SAMPLE 45956-240662	57(L)
SAMPLE 45956-240663	94
SAMPLE 45956-240664	59(L)
SAMPLE 45956-240665	86
SAMPLE 45956-240658	86
SAMPLE 45956-240659	82
SAMPLE 45956-240660	28(L)
SAMPLE 45956-240661	85
SAMPLE 45956-240662	82
SAMPLE 45956-240663	30(L)
SAMPLE 45956-240664	78
BLK 1 VBLK-020199	86
CTL 1 LCS-020199	103

65-8340 -A-SU - VOLATILE AIR SURROGATE		QC LIMITS	
SRG ABRV =	SURROGATE DESCRIPTION	LOWER	UPPER
BFB	p-Bromofluorobenzene	71.3	139.6

---------- Result Footnotes ----------

(G) - Marginal Outlier
(L) - Sample Reanalyzed

Groups & Samples

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:11
Group: 45956

Analysis Batch Number: 8340 -02/01/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 020199.bQ
Number of Samples : 33
Batch Data-Date/Time : 02/09/99 / 14:36:07

45956-240650	45956-240651	45956-240652	45956-240653	45956-240654	45956-240655	45956-240656	45956-240657
45956-240658	45956-240659	45956-240660	45956-240661	45956-240662	45956-240663	45956-240664	45956-240665

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:11
Group: 45956

Analysis Batch Number: 8340 -01/29/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 012999.bQ
Number of Samples : 1
Batch Data-Date/Time : 02/09/99 / 14:27:41

BLANK#	ANALYTE	CONC FOUND #	LMT OF QUANTITATION
VBLK-012999	Dichloromethane	0.6540	1.0000
	1,1,1-Trichloroethane	0.6640	1.0000
	1,2,4-Trichlorobenzene	0.5310	1.0000

CONTROL SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
LCS-012999	Dichlorodifluoromethane	11.1800	10.0000	111.8	78.2	126.8
	Chloromethane (Methyl chloride)	11.1400	10.0000	111.4	72.1	128.4
	1,2-Dichlorotetrafluoroethane	11.0200	10.0000	110.2	74.3	131.0
	Vinyl chloride	11.2700	10.0000	112.7	74.0	131.7
	Bromomethane (Methyl bromide)	11.6300	10.0000	116.3	79.2	127.0
	Chloroethane (Ethyl chloride)	11.0600	10.0000	110.6	75.4	132.2
	Trichlorofluoromethane	10.8300	10.0000	108.3	77.8	135.4
	1,1-Dichloroethene	10.4200	10.0000	104.2	71.9	143.2
	Dichloromethane	11.3200	10.0000	113.2	77.1	134.1
	Allyl chloride (3-Chloropropene)	11.2600	10.0000	112.6	76.5	129.5
	1,1,2-Trichloro-1,2,2-trifluoroetha	10.5500	10.0000	105.5	77.8	143.3
	1,1-Dichloroethane	10.7900	10.0000	107.9	66.5	159.0
	cis-1,2-Dichloroethene	10.9600	10.0000	109.6	78.1	140.9
	Chloroform	11.1200	10.0000	111.2	77.3	135.9
	1,2-Dichloroethane	11.6000	10.0000	116.0	72.2	148.7
	1,1,1-Trichloroethane	10.8400	10.0000	108.4	73.6	140.3
	Benzene	10.9500	10.0000	109.5	76.5	137.9
	Carbon tetrachloride	10.9400	10.0000	109.4	76.0	136.6
	1,2-Dichloropropane	10.7500	10.0000	107.5	77.6	134.8
	Trichloroethene	10.5600	10.0000	105.6	77.6	135.3
	cis-1,3-Dichloropropene	10.7500	10.0000	107.5	53.3	192.3
	trans-1,3-Dichloropropene	10.8400	10.0000	108.4	34.2	224.1
	1,1,2-Trichloroethane	11.0100	10.0000	110.1	79.4	134.9
	Toluene	10.6600	10.0000	106.6	78.2	139.2
	Ethylene dibromide (EDB)	10.5300	10.0000	105.3	79.0	135.0
	Tetrachloroethene	10.3700	10.0000	103.7	76.7	140.4
	Chlorobenzene	11.0100	10.0000	110.1	78.4	138.9
	Ethylbenzene	11.1500	10.0000	111.5	79.5	136.4
	m,p-Xylene	20.8000	20.0000	104.0	72.7	147.7
	Styrene	12.0300	10.0000	120.3	39.6	129.4
	1,1,2,2-Tetrachloroethane	11.1900	10.0000	111.9	77.2	138.0
	o-Xylene	10.3300	10.0000	103.3	68.1	152.1
	4-Ethyltoluene	10.8100	10.0000	108.1	49.1	162.8
	1,3,5-Trimethylbenzene	11.2700	10.0000	112.7	50.5	205.1
	1,2,4-Trimethylbenzene (Pseudocumen	11.1800	10.0000	111.8	46.0	221.8
	Benzyl chloride	10.9300	20.0000	54.7	10.0	160.0
	1,3-Dichlorobenzene	10.8200	10.0000	108.2	74.8	145.0
	1,4-Dichlorobenzene	11.2200	10.0000	112.2	73.5	146.9
	1,2-Dichlorobenzene	10.9100	10.0000	109.1	70.4	154.8
	1,2,4-Trichlorobenzene	11.2900	10.0000	112.9	14.0	202.5
	Hexachloro-1,3-butadiene	11.0700	10.0000	110.7	27.4	191.2

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:12
Group: 45956

Analysis Batch Number: 8340 -01/29/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 012999.bQ
Number of Samples : 1
Batch Data-Date/Time : 02/09/99 / 14:27:41

SURG #:65-8340 -A-SU

SAMPLE#	BFB #
SAMPLE 45956-240651	77
BLK 1 VBLK-012999	84
CTL 1 LCS-012999	88

65-8340 -A-SU - VOLATILE AIR SURROGATE		QC LIMITS	
SRG ABRV =	SURROGATE DESCRIPTION	LOWER	UPPER
BFB	p-Bromofluorobenzene	71.3	139.6

Groups & Samples

45956-240651

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:12
Group: 45956

Analysis Batch Number: 8340 -02/02/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 020299.bQ
Number of Samples : 24
Batch Data-Date/Time : 02/09/99 / 14:39:15

BLANK#	ANALYTE	CONC FOUND #	LMT OF QUANTITATION
VBLK-020299	none detected		

CONTROL SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
LCS-020299	Dichlorodifluoromethane	8.7100	10.0000	87.1	78.2	126.8
	Chloromethane (Methyl chloride)	8.8900	10.0000	88.9	72.1	128.4
	1,2-Dichlorotetrafluoroethane	8.6600	10.0000	86.6	74.3	131.0
	Vinyl chloride	8.5300	10.0000	85.3	74.0	131.7
	Bromomethane (Methyl bromide)	9.7600	10.0000	97.6	79.2	127.0
	Chloroethane (Ethyl chloride)	9.4300	10.0000	94.3	75.4	132.2
	Trichlorofluoromethane	9.5800	10.0000	95.8	77.8	135.4
	1,1-Dichloroethene	8.7700	10.0000	87.7	71.9	143.2
	Dichloromethane	9.2500	10.0000	92.5	77.1	134.1
	Allyl chloride (3-Chloropropene)	10.3500	10.0000	103.5	76.5	129.5
	1,1,2-Trichloro-1,2,2-trifluoroetha	9.6500	10.0000	96.5	77.8	143.3
	1,1-Dichloroethane	9.5000	10.0000	95.0	66.5	159.0
	cis-1,2-Dichloroethene	9.6400	10.0000	96.4	78.1	140.9
	Chloroform	9.9900	10.0000	99.9	77.3	135.9
	1,2-Dichloroethane	9.2200	10.0000	92.2	72.2	148.7
	1,1,1-Trichloroethane	9.8300	10.0000	98.3	73.6	140.3
	Benzene	9.8500	10.0000	98.5	76.5	137.9
	Carbon tetrachloride	10.0400	10.0000	100.4	76.0	136.6
	1,2-Dichloropropane	9.8400	10.0000	98.4	77.6	134.8
	Trichloroethene	9.5200	10.0000	95.2	77.6	135.3
	cis-1,3-Dichloropropene	11.5400	10.0000	115.4	53.3	192.3
	trans-1,3-Dichloropropene	11.4700	10.0000	114.7	34.2	224.1
	1,1,2-Trichloroethane	9.8600	10.0000	98.6	79.4	134.9
	Toluene	10.1700	10.0000	101.7	78.2	139.2
	Ethylene dibromide (EDB)	10.3300	10.0000	103.3	79.0	135.0
	Tetrachloroethene	9.4300	10.0000	94.3	76.7	140.4
	Chlorobenzene	10.6300	10.0000	106.3	78.4	138.9
	Ethylbenzene	10.9000	10.0000	109.0	79.5	136.4
	m,p-Xylene	21.3200	20.0000	106.6	72.7	147.7
	Styrene	11.0500	10.0000	110.5	39.6	129.4
	1,1,2,2-Tetrachloroethane	10.9700	10.0000	109.7	77.2	138.0
	o-Xylene	11.0400	10.0000	110.4	68.1	152.1
	4-Ethyltoluene	12.4600	10.0000	124.6	49.1	162.8
	1,3,5-Trimethylbenzene	10.4800	10.0000	104.8	50.5	205.1
	1,2,4-Trimethylbenzene (Pseudocumen	11.9200	10.0000	119.2	46.0	221.8
	Benzyl chloride	11.5400	20.0000	57.7	10.0	160.0
	1,3-Dichlorobenzene	11.4200	10.0000	114.2	74.8	145.0
	1,4-Dichlorobenzene	10.0100	10.0000	100.1	73.5	146.9
	1,2-Dichlorobenzene	10.6300	10.0000	106.3	70.4	154.8
	1,2,4-Trichlorobenzene	11.0300	10.0000	110.3	14.0	202.5
	Hexachloro-1,3-butadiene	13.8900	10.0000	138.9	27.4	191.2

SURG #:65-8340 -A-SU

SAMPLE#	BFB #
SAMPLE 46070-241271	87
SAMPLE 45956-240667	82

Core Lab-Gulf States Analytical
Daily QC Batching Data
Data Released for Reporting

02/10/99
11:11:13
Group: 45956

Analysis Batch Number: 8340 -02/02/99-1094-1
Test Identification : 8340 -Volatiles, TO-14 Units: ppbv Sequence: 020299.bQ
Number of Samples : 24
Batch Data-Date/Time : 02/09/99 / 14:39:15

SURG #:65-8340 -A-SU

SAMPLE#	BFB #
SAMPLE 46070-241272	77
SAMPLE 46070-241271	77
SAMPLE 45956-240665	80
SAMPLE 45956-240658	89
SAMPLE 45956-240659	88
SAMPLE 45956-240660	115
SAMPLE 45956-240663	89
SAMPLE 45956-240664	82
SAMPLE 45956-240666	85
SAMPLE 45956-240665	92
SAMPLE 45956-240667	82
SAMPLE 46070-241273	29(L)
SAMPLE 46070-241273	31(L)
SAMPLE 46070-241274	79
SAMPLE 46070-241274	82
SAMPLE 45956-240659	81
SAMPLE 46269-242261	84
SAMPLE 46269-242262	82
SAMPLE 45956-240659	86
SAMPLE 46269-242261	86
SAMPLE 46269-242262	90
SAMPLE 45956-240667	83
BLK 1 VBLK-020299	72
CTL 1 LCS-020299	87

65-8340 -A-SU - VOLATILE AIR SURROGATE		QC LIMITS	
SRG ABRV =	SURROGATE DESCRIPTION	LOWER	UPPER
BFB	p-Bromofluorobenzene	71.3	139.6

---------- Result Footnotes ----------
(L) - Sample Reanalyzed

Groups & Samples

45956-240658 45956-240659 45956-240660 45956-240663 45956-240664 45956-240665 45956-240666 45956-240667
46070-241271 46070-241272 46070-241273 46070-241274 46269-242261 46269-242262

CORE LAB

GULF STATES ANALYTICAL

6310 Rothway, Houston, Texas 77040
(713) 690-4444, Fax (713) 690-5646

Company: ❶ IT Corp.
Address: 1100 E. University #116 Tempe Az 85281
Tele #: (602) 9660808
Fax #: (602) 894-0955

Reports Sent To: Ken Greene
P O #: 397519
Project #: 103260-6133

Project Name: APEQ Alsco
Project Location: TAVE./Buchanan Phx, Az

Sampler(s) Name: (Signature) Michael Orcutt
Courier:

❺ Request for Analysis

❷ Field Sample ID	❸ Sampling Date	❸ Sampling Time	❹ Matrix: Water	Soil	Sludge	Oil	Air Other	# of Containers	Haz. Sample (Y/N)	TO-14	CAN#
1. VMW-3-1	1-18-99	1141					X	1	N	X	097
2. VMW-3-2	1-18-99	1222					X	1	N	X	212
3. VMW-3-3	1-18-99	1249					X	1	N	X	209
4. VMW-3-4	1-18-99	1306					X	1	N	X	123
5. VMW-2-1	1-18-99	1343					X	1	N	X	170
6. VMW-2-2	1-18-99	1407					X	1	N	X	121
7. VMW-2-3	1-18-99	1434					X	1	N	X	111
8. VMW-2-4	1-18-99	1459					X	1	N	X	210
9. VMW-4-1	1-19-99	0943					X	1	N	X	125
10. VMW-4-2	1-19-99	1008					X	1	N	X	217
11. VMW-4-3	1-19-99	1034					X	1	N	X	208
12. VMW-4-4	1-19-99	1052					X	1	N	X	120
13. VMW-1-13.5	1-19-99	1110					X	1	N	X	099

❼ Relinquished by Sampler: (Signature) [signature] Date 1-19-99 Time: 1400

Relinquished by: (Signature) [signature] Date Time:

Relinquished by: (Signature) Date Time:

Received by: (Signature) Date Time:

Received by: (Signature) Date Time:

Received by Laboratory: (Signature) Joug Nguyen Date 1-21-99 Time: 0947

❻ Remarks:
Quote # 9718184
WB# 7040329282 FedEx
CAN #120 - Valve was Bent upon Receipt

Requested Turnaround: 7-10 Day

GSAI Group: 45956

Special Detection Limits

QC Package: (check one)
☐ CLP ☐ Site Specific
☐ Tier 1 ☐ Tier 2 ☐ QC Summary

SOUTHERN LITHOGRAPH, INC. - (713) 780-0400
White Copy to Accompany Samples to Lab
Yellow Copy Retained by Client
Pink Copy Retained by Sampler

CORELAB

CORE LABORATORIES, INC.

Gulf States Analytical
Houston TX.

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: IT CORP	PROJECT NAME/NUMBER: ADEQ Alsco 103260.6133
SEND REPORT TO: Ken Greene	BILLING INFORMATION
ADDRESS: 1100 E. University # 116	BILL TO: Same
Tempe Az 85281	ADDRESS:
PHONE: (602) 966080 8	PHONE:
FAX: (602) 844 0955	FAX: PO NO.: 397519

LAB JOB NO. 45956

SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	NUMBER OF CONTAINERS	ANALYSIS / METHOD REQUEST: TO-14	REMARKS / PRECAUTIONS
	VMW-1-35	1-19-99	1151	Air	1Lt	None	1	X	CAN 155
	VMW-1-15	1-19-99	1145				1	X	124
	VMW-1-56	1-19-99	1201				1	X	163
	VMW-[illegible]	1-19-99	1212				1	X	167
	VMW-[illegible]	1-19-99	—	Air			1	X	107

SAMPLER: Michael Orantt

SHIPMENT METHOD: FedEx

AIRBILL NO.: 7040329262

REQUIRED TURNAROUND:* SAME DAY 24 HOURS 48 HOURS 72 HOURS 5 DAYS X 10 DAYS (T-10) ROUTINE OTHER

1. RELINQUISHED BY: SIGNATURE: [signature]	DATE: 1-19-99	2. RELINQUISHED BY: SIGNATURE:	DATE	3. RELINQUISHED BY: SIGNATURE:	DATE
PRINTED NAME/COMPANY: Michael Orantt IT corp.	TIME: 1400	PRINTED NAME/COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME
1. RECEIVED BY: SIGNATURE: [signature]	DATE: 1-21-99	2. RECEIVED BY: SIGNATURE:	DATE	3. RECEIVED BY: SIGNATURE:	DATE
PRINTED NAME/COMPANY:	TIME: 0947	PRINTED NAME COMPANY:	TIME	PRINTED NAME/COMPANY:	TIME

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

☐ **Anaheim, CA** 1250 E. Gene Autry Way, Anaheim, CA 92805, (714) 937-1094 Fax (714) 937-1170

☐ **Aurora, CO** 10703 E. Bethany Drive, Aurora, CO 80014, (303) 751-1780 Fax (303) 751-1784

☐ **Casper, WY** 420 W. First Street, Casper, WY 82601, (307) 235-5741 Fax (307) 266-1676

☐ **Corpus Christi, TX** 1733 N. Padre Island Drive, Corpus Christi, TX 78408, (512) 289-2673 Fax (512) 289-2471

☐ **Edison, NJ** 284 Raritan Center Parkway, Edison, NJ 08837, (908) 225-6700 Fax (908) 225-6777

☒ **Houston, TX (Env)** 6310 Rothway Drive, Houston, TX 77040, (713) 690-4444 Fax (713) 690-5646

☐ **Houston, TX (Pet)** 8210 Mosley Road, Houston, TX 77075, (713) 943-9776 Fax (713) 943-3846

☐ **Indianapolis, IN** 7726 Moller Road, Indianapolis, IN 46268, (317) 875-5894 Fax (317) 872-6189

☐ **Lake Charles, LA** 3645 Beglis Parkway, Sulphur, LA 70663, (318) 583-4926 Fax (318) 583-4929

☐ **Long Beach, CA** 3700 Cherry Avenue, Long Beach, CA 90807, (310) 595-8401 Fax (310) 427-5174

☐ **Tampa, FL** 5460 Beaumont Center Blvd., Tampa, FL 33634, (813)884-8268 Fax (813) 885-4938

☐ **Valparaiso, IN** 2400 Cumberland Drive, Valparaiso, IN 46383, (219) 464-2389 Fax (219) 462-2953

ORIGINAL

E 13501.20180.5.51

ROY F. WESTON, INC.
1600 WEST BROADWAY
SUITE 210
TEMPE, AZ 85282
PHONE: 602-966-2337
FAX: 602-966-6343

3 December 1992

Mr. Ed Ricci
Vice President
Water Resource Associates, Inc.
4041 N. Central Avenue, Suite 1050
Phoenix, AZ 85012

Work Order No. 06405-055-010-0201-00

Re: **Transmittal of West Van Buren Laboratory QA\QC Packages**

Dear Mr. Ricci:

Enclosed are copies of the QA\QC packages that you requested for several of the soil samples WESTON® split with WRA at the Maryatt property. The WESTON sample and the corresponding sample locations are:

WESTON Sample	Location
AVB40-0727-1060	Monitor Well MW-2 @ 60 feet
AVB40-0827-1060	Monitor Well MW-4 @ 60 feet
AVB40-0227-1020	Soil Boring SB-2 @ 20 feet

Please call if you have any questions concerning the packages.

Sincerely,

ROY F. WESTON, INC.

Richard T. Petrus, C.P.G.
Senior Project Manager

Enclosure: Lab QA\QC packages

cc: Tom Curry, ADEQ w/o enclosure

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB

DATE RECEIVED : 08/06/92
REPORT DATE : 08/21/92

ATI I.D. : 208590

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	AVB40-0727-1060	SOIL	08/06/92

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20859001

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 08/06/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 08/06/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 08/07/92
CLIENT I.D.	: AVB40-0727-1060	DATE ANALYZED	: 08/17/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	3.2
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

MW2

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	97
BROMOFLUOROBENZENE (%)	98

AnalyticalTechnologies, Inc., Phoenix, Arizona
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 6 AUG 92 PAGE 1 OF 1

ATI LAB I.D. 208590

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH PETRUS

COMPANY: ROY F. WESTON
ADDRESS: 1600 W. BROADWAY RD, #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)			Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.			Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)			SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal			The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
AVB40-0727-1060	6 AUG 92	0855	SOIL	1							X	X																					1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.: 6405-5510-0203		NO. CONTAINERS	1
PROJ. NAME: WVB/Mayatt		CUSTODY SEALS	Y / N / NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature: D Christiana	Time: 1430	Signature:	Time:	Signature:	Time:
Printed Name: D CHRISTIANA	Date: 6 AUG 92	Printed Name:	Date:	Printed Name:	Date:
Company: WESTON	Phone: 966-2337	Company:		Company:	

RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY: (LAB) 3.	
Signature:	Time:	Signature:	Time:	Signature:	Time: 1430
Printed Name:	Date:	Printed Name:	Date:	Printed Name: MARCIA SMITH	Date: 8/6/92
Company:		Company:		Analytical Technologies, Inc.	

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447

DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB/MARYATT

DATE RECEIVED : 08/07/92
REPORT DATE : 08/21/92

ATI I.D. : 208626

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	AVB40-0827-1060	SOIL	08/07/92

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20862601

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 08/07/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 08/07/92
PROJECT NAME	: WVB/MARYATT	DATE EXTRACTED	: 08/07/92
CLIENT I.D.	: AVB40-0827-1060	DATE ANALYZED	: 08/17/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.8
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	0.4
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

mw4

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	98
BROMOFLUOROBENZENE (%)	94

AnalyticalTechnologies, Inc., Phoenix, Arizona
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 7AUG92 PAGE 1 OF 1

ATI LAB I.D. 208626

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH DETRUS

COMPANY: ROY F WESTON
ADDRESS: 1600 W BROADWAY #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)			Chlorinated Hydrocarbons (~~601~~/8010)	Aromatic Hydrocarbons (~~602~~/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.			Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)			SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal			The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
AUB40-0327-1060	7AUG92	0930	SOIL	1							X	X																				1

PROJECT INFORMATION

PROJ. NO.: 6405-55-10-0203
PROJ. NAME: WVB/Mangott
P.O. NO.:
SHIPPED VIA:

SAMPLE RECEIPT

NO. CONTAINERS	1
CUSTODY SEALS	(Y) N / NA
RECEIVED INTACT	Y
RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: D Christiana Time: 1407	Signature: Time:	Signature: Time:
Printed Name: D CHRISTIANA Date: 7AUG92	Printed Name: Date:	Printed Name: Date:
Company: RFWESTON Phone: 966-2337	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: Time:	Signature: Time:	Signature: Tom A Socko Time: 14:07
Printed Name: Date:	Printed Name: Date:	Printed Name: Tom Socko Date: 8/7/92
Company:	Company:	Analytical Technologies, Inc.

Analytical Technologies, Inc. 9830 S. 51st Street Suite B-113 Phoenix, AZ 85044 (602) 496-4400

ATI I.D. 207962

August 14, 1992

WESTON - TEMPE
AUG 17 1992

Roy F. Weston
1600 W. Broadway
Suite 210
Tempe, AZ 85282

Project Name/Number: WVB-Maryatt/6405-55-10-0203

Attention: Rich Petrus

On 07/28/92, Analytical Technologies, Inc. received a request to analyze soil sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

Methylene Chloride was found by Methods 601/602 in the trip blank and by Methods 8010/8020 in the reagent blanks. This compound was not found in any client samples.

If you have any questions or comments, please do not hesitate to contact us at (602) 496-4400.

Mary Tyer
Project Manager

Robert V. Woods
Laboratory Manager

RVW:ehj
Enclosure

Analytical Technologies, Inc.

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB-MARYATT

DATE RECEIVED : 07/28/92
REPORT DATE : 08/13/92

ATI I.D. : 207962

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	AVB40-0127-1002	SOIL	07/27/92
02	AVB40-0127-1005	SOIL	07/27/92
03	AVB40-0127-1020	SOIL	07/27/92
04	AVB40-0227-1005	SOIL	07/27/92
05	AVB40-0227-1010	SOIL	07/27/92
06	AVB40-0227-1020	SOIL	07/27/92
07	AVB40-0327-1002	SOIL	07/27/92
08	AVB40-0327-1005	SOIL	07/27/92
09	AVB40-0427-1010	SOIL	07/27/92
10	AVB40-0427-1015	SOIL	07/27/92
11	AVB40-0422-1000 TB	AQUEOUS	07/17/92

==========

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	10
AQUEOUS	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796201

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0127-1002	DATE ANALYZED	: 08/04/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.18
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	102
BROMOFLUOROBENZENE (%)	94

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796202

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0127-1005	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.25
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	97
BROMOFLUOROBENZENE (%)	119

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796203

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0127-1020	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	98
BROMOFLUOROBENZENE (%)	113

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796204

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0227-1005	DATE ANALYZED	: 08/04/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	1.3
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	0.03
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	99
BROMOFLUOROBENZENE (%)	111

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796205

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0227-1010	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.63
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	94
BROMOFLUOROBENZENE (%)	96

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796206

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0227-1020	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.02
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	96
BROMOFLUOROBENZENE (%)	108

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796207

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0327-1002	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	0.22
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	94
BROMOFLUOROBENZENE (%)	111

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796208

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0327-1005	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	94
BROMOFLUOROBENZENE (%)	102

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796209

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0427-1010	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	92
BROMOFLUOROBENZENE (%)	109

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796210

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/27/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: 07/29/92
CLIENT I.D.	: AVB40-0427-1015	DATE ANALYZED	: 08/03/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	<0.100
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	90
BROMOFLUOROBENZENE (%)	114

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	ATI I.D.	: 207962
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 07/29/92
PROJECT NAME	: WVB-MARYATT	DATE ANALYZED	: 08/04/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	0.21
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	105
BROMOFLUOROBENZENE (%)	95

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT	: ROY F. WESTON	ATI I.D.	: 207962
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 07/29/92
PROJECT NAME	: WVB-MARYATT	DATE ANALYZED	: 08/03/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<0.025
BROMODICHLOROMETHANE	<0.010
BROMOFORM	<0.010
BROMOMETHANE	<0.010
CARBON TETRACHLORIDE	<0.010
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.010
CHLOROFORM	<0.010
CHLOROMETHANE	<0.010
DIBROMOCHLOROMETHANE	<0.010
2-CHLOROETHYL VINYL ETHER	<0.025
1,3-DICHLOROBENZENE	<0.025
1,2 & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.010
1,1-DICHLOROETHANE	<0.010
1,2-DICHLOROETHANE	<0.010
1,1-DICHLOROETHENE	<0.010
1,2-DICHLOROETHENE(TOTAL)	<0.010
1,2-DICHLOROPROPANE	<0.010
CIS-1,3-DICHLOROPROPENE	<0.010
TRANS-1,3-DICHLOROPROPENE	<0.010
ETHYLBENZENE	<0.025
METHYLENE CHLORIDE	0.20
1,1,2,2-TETRACHLOROETHANE	<0.010
TETRACHLOROETHENE	<0.010
TOLUENE	<0.025
1,1,1-TRICHLOROETHANE	<0.010
1,1,2-TRICHLOROETHANE	<0.010
TRICHLOROETHENE	<0.010
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.010
TOTAL XYLENES	<0.025
TRICHLOROFLUOROMETHANE	<0.01

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	115
BROMOFLUOROBENZENE (%)	106

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 207962

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB-MARYATT
REF I.D. : 20849916

DATE ANALYZED : 08/04/92
SAMPLE MATRIX : NON-AQUEOUS
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.010	1.00	0.88	88	0.81	81	8
TRICHLOROETHENE	<0.010	1.00	0.88	88	0.80	80	10
TETRACHLOROETHENE	<0.010	1.00	0.90	90	0.86	86	5
BENZENE	<0.025	1.00	0.91	91	0.95	95	4
BROMODICHLOROMETHANE	<0.010	1.00	0.96	96	0.87	87	10
CHLOROFORM	<0.010	1.00	1.08	108	1.01	101	7
1,1,1-TRICHLOROETHANE	<0.010	1.00	1.06	106	0.95	95	11
TOLUENE	<0.010	1.00	0.88	88	0.91	91	3
CHLOROBENZENE	<0.010	1.00	1.06	106	0.99	99	7
M-XYLENE	<0.010	1.00	0.83	83	0.89	89	7

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

QUALITY CONTROL DATA

TEST : VOLATILE HALOCARBON/AROMATIC (EPA 8010/8020)

ATI I.D. : 207962

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB-MARYATT
REF I.D. : 20796208

DATE ANALYZED : 08/04/92
SAMPLE MATRIX : SOIL
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.010	1.00	0.80	80	0.81	81	1
TRICHLOROETHENE	<0.010	1.00	0.95	95	0.92	92	3
TETRACHLOROETHENE	<0.010	1.00	0.89	89	0.86	86	3
BENZENE	<0.025	1.00	1.07	107	1.06	106	1
BROMODICHLOROMETHANE	<0.010	1.00	1.14	114	1.13	113	1
CHLOROFORM	<0.010	1.00	0.86	86	0.85	85	1
1,1,1-TRICHLOROETHANE	<0.010	1.00	0.96	96	0.97	97	1
TOLUENE	<0.025	1.00	1.05	105	1.04	104	1
CHLOROBENZENE	<0.025	1.00	1.04	104	1.01	101	3
M-XYLENE	<0.025	1.00	0.94	94	0.93	93	1

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 20796211

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 601/602)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 07/17/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 07/28/92
PROJECT NAME	: WVB-MARYATT	DATE EXTRACTED	: N/A
CLIENT I.D.	: AVB40-0422-1000 TB	DATE ANALYZED	: 07/30/92
SAMPLE MATRIX	: AQUEOUS	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.5
BROMODICHLOROMETHANE	<0.2
BROMOFORM	<0.2
BROMOMETHANE	<0.2
CARBON TETRACHLORIDE	<0.2
CHLOROBENZENE	<0.5
CHLOROETHANE	<0.2
CHLOROFORM	<0.2
CHLOROMETHANE	<0.2
DIBROMOCHLOROMETHANE	<0.2
2-CHLOROETHYL VINYL ETHER	<0.5
1,3-DICHLOROBENZENE	<0.5
1,2 & 1,4-DICHLOROBENZENE	<0.5
DICHLORODIFLUOROMETHANE	<0.2
1,1-DICHLOROETHANE	<0.2
1,2-DICHLOROETHANE	<0.2
1,1-DICHLOROETHENE	<0.2
1,2-DICHLOROETHENE(TOTAL)	<0.2
1,2-DICHLOROPROPANE	<0.2
CIS-1,3-DICHLOROPROPENE	<0.2
TRANS-1,3-DICHLOROPROPENE	<0.2
ETHYLBENZENE	<0.5
METHYLENE CHLORIDE	14
1,1,2,2-TETRACHLOROETHANE	<0.2
TETRACHLOROETHENE	<0.2
TOLUENE	<0.5
1,1,1-TRICHLOROETHANE	<0.2
1,1,2-TRICHLOROETHANE	<0.2
TRICHLOROETHENE	<0.2
TRICHLOROFLUOROMETHANE	<0.5
VINYL CHLORIDE	<0.2
TOTAL XYLENES	<0.5
TRICHLOROTRIFLUOROETHANE	<2.0

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	93
BROMOFLUOROBENZENE (%)	101

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 601/602)

CLIENT	: ROY F. WESTON	ATI I.D.	: 207962
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 07/30/92
PROJECT NAME	: WVB-MARYATT	DATE ANALYZED	: 07/30/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BENZENE	<0.5
BROMODICHLOROMETHANE	<0.2
BROMOFORM	<0.2
BROMOMETHANE	<0.2
CARBON TETRACHLORIDE	<0.2
CHLOROBENZENE	<0.5
CHLOROETHANE	<0.2
CHLOROFORM	<0.2
CHLOROMETHANE	<0.2
DIBROMOCHLOROMETHANE	<0.2
2-CHLOROETHYL VINYL ETHER	<0.5
1,3-DICHLOROBENZENE	<0.5
1,2 & 1,4-DICHLOROBENZENE	<0.5
DICHLORODIFLUOROMETHANE	<0.2
1,1-DICHLOROETHANE	<0.2
1,2-DICHLOROETHANE	<0.2
1,1-DICHLOROETHENE	<0.2
1,2-DICHLOROETHENE(TOTAL)	<0.2
1,2-DICHLOROPROPANE	<0.2
CIS-1,3-DICHLOROPROPENE	<0.2
TRANS-1,3-DICHLOROPROPENE	<0.2
ETHYLBENZENE	<0.5
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.2
TETRACHLOROETHENE	<0.2
TOLUENE	<0.5
1,1,1-TRICHLOROETHANE	<0.2
1,1,2-TRICHLOROETHANE	<0.2
TRICHLOROETHENE	<0.2
TRICHLOROFLUOROMETHANE	<0.5
VINYL CHLORIDE	<0.2
TOTAL XYLENES	<0.5
TRICHLOROTRIFLUOROETHANE	<2.0

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	80
BROMOFLUOROBENZENE (%)	107

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 207962

TEST : VOLATILE HALOCARBONS/AROMATICS (EPA 601/602)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB-MARYATT
REF I.D. : 20849903

DATE ANALYZED : 07/30/92
SAMPLE MATRIX : AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.2	20.0	17.7	88	18.6	93	5
TRICHLOROETHENE	<0.2	20.0	20.8	104	21.4	107	3
TETRACHLOROETHENE	<0.2	20.0	20.5	102	21.1	106	3
BENZENE	<0.5	20.0	19.6	98	19.5	98	1
BROMODICHLOROMETHANE	<0.2	20.0	21.0	105	22.2	111	6
CHLOROFORM	<0.2	20.0	20.8	104	21.2	106	2
1,1,1-TRICHLOROETHANE	<0.2	20.0	20.6	103	21.2	106	3
TOLUENE	<0.5	20.0	20.6	103	20.8	104	1
CHLOROBENZENE	<0.5	20.0	21.3	106	21.0	105	1
M-XYLENE	<0.5	20.0	21.2	106	21.1	106	1

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

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DATE 27JUL92 PAGE 1 OF 2

ATI LAB I.D. 207962

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH PETRUS

COMPANY: ROY F WESTON
ADDRESS: 1600 W. BROADWAY #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)			Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.			Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)			SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal			The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)		NUMBER OF CONTAINERS
AVB40-0127-1002	27JUL92	1215	SOIL	1							X	X																					1
AVB40-0127-1005	27JUL92	1230	SOIL	2							X	X																					1
AVB40-0127-1020	27JUL92	1310	SOIL	3							X	X																					2
AVB40-0227-1005	27JUL92	1410	SOIL	4							X	X																					1
AVB40-0227-1010	27JUL92	1425	SOIL	5							X	X																					1
AVB40-0227-1020	27JUL92	1450	SOIL	6							X	X																					2
AVB40-0327-1002	27JUL92	1020	SOIL	7							X	X																					1
AVB40-0327-1005	27JUL92	1030	SOIL	8							X	X																					1
AVB40-0427-1010	27JUL92	0910	SOIL	9							X	X																					1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.: 6405-55-10-0203		NO. CONTAINERS	11
PROJ. NAME: WVB-MARYATT		CUSTODY SEALS	Y / N / NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: DChristiana Time: 16:40	Signature: Time:	Signature: Time:
Printed Name: DCHRISTIANA Date: 28JUL92	Printed Name: Date:	Printed Name: Date:
Company: RFWESTON Phone: 966-2337	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: Time:	Signature: Time:	Signature: Time: 440
Printed Name: Date:	Printed Name: Date:	Printed Name: MARGUERITE Date: 7/28/92
Company:	Company:	Analytical Technologies, Inc.

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447

DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

AnalyticalTechnologies,Inc., Phoenix, Arizona
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 27JUL92 PAGE 2 OF 2

ATI LAB I.D. 207962

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH PETRUS

COMPANY: ROY F WESTON
ADDRESS: 1600 W BROADWAY #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
AVB40-0427-1015	27JUL92	0930	SOIL	10					X	X														1
AVB40-0422-1000 TB	17JUL92	1439	AQ	11					X	X														1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:	6405-55-10-0203	NO. CONTAINERS	2
PROJ. NAME:	WVB-MARYATT	CUSTODY SEALS	(Y) N / NA
P.O. NO.:		RECEIVED INTACT	[signature]
SHIPPED VIA:		RECEIVED COLD	

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:
TRIP BLANK RELABELLED.

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: D Christiana Time: 16:40	Signature: Time:	Signature: Time:
Printed Name: D CHRISTIANA Date: 28JUL92	Printed Name: Date:	Printed Name: Date:
Company: RF WESTON Phone: 966-2337	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: Time:	Signature: Time:	Signature: [signature] Time: 440
Printed Name: Date:	Printed Name: Date:	Printed Name: MARGUERITE O'DRISCOLL Date:
Company:	Company:	Analytical Technologies, Inc. 7/28/92

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

Table 1

Summary of Analytical Results for Tetrachloroethene, Trichloroethene, 1,2-Dichloroethene (total), and Toluene
Maryatt Industries, 720 W. Buchanan Street, Phoenix

WESTON SAMPLE ID	TETRACHLOROETHENE	TRICHLOROETHENE	1,2-DICHLOROETHENE (TOTAL)	TOLUENE	WRA SAMPLE ID	TETRACHLOROETHENE	TRICHLOROETHENE
AVB40-0527-1005	<10	<10	<10	<25	MW-3-5	<25	<25
AVB40-0627-1060	70	<10	<10	<25	MW-1-60	270	<25
AVB40-0727-1060	160	<10	<10	<25	MW-2-60	<25	<25
AVB40-0827-1060	40	20	<10	<25	MW-4-60	<25	<25
AVB40-0927-1055	280	<10	10	<25	SB-05-55	81	<25
AVB40-1027-1060	110	<10	10	<25	SB-12-60	<25	<25
AVB40-1127-1055	250	<10	70	<25	SB-06-56.5	<25	<25
AVB40-1227-1055	350	<10	30	<25	SB-08-55	70	<25
AVB40-1327-1057	350	10	30	<25	SB-11-57	<25	<25
AVB40-1427-1055	580	10	80	<25	SB-10-55	<25	<25
AVB40-1527-1055	410	10	60	<25	SB-09-55	<25	<25
AVB40-1627-1055	110	<10	<10	<25	SB-13-55	<25	<25
AVB40-1727-1005	1570	60	80	220	SB-19-5	<25	<25
AVB40-1727-2004	580	40	20	<25	SB-19A-4	250	10
AVB40-2127-1004	10	<10	<10	80	SB-17-4	<25	<25
AVB40-2127-2004	670	40	<10	<25	SB-17A-4	190	<10
AVB40-2327-1004	770	20	<10	<25	SB-20-4	370	<10

Analytical Technologies, Inc. 9830 S 51st Street Suite B-113 Phoenix, AZ 85044 (602) 496-4400

ATI I.D. **210998**

November 12, 1992

Roy F. Weston
1600 W. Broadway
Suite 210
Tempe, AZ 85282

Project Name/Number: WVB/Maryatt/6405-55-10-0203

Attention: Rich Petrus

On 10/29/92, Analytical Technologies, Inc. received a request to analyze **aqueous and soil** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (602) 496-4400.

Mary Tyer
Project Manager

Robert V. Woods
Laboratory Manager

RVW:ktd
Enclosure

Analytical Technologies, Inc.

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB

DATE RECEIVED : 10/29/92
REPORT DATE : 11/12/92

ATI I.D. : 210998

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	AVB40-1102-1000TB	AQUEOUS	09/03/92
02	AVB40-1127-1056	SOIL	10/28/92
03	AVB40-1227-1055	SOIL	10/28/92
04	AVB40-1327-1057	SOIL	10/28/92
05	AVB40-1427-1055	SOIL	10/28/92
06	AVB40-1527-1055	SOIL	10/29/92
07	AVB40-1627-1055	SOIL	10/29/92

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	6
AQUEOUS	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099801

TEST : VOLATILE HALOCARBONS (EPA METHOD 601)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB
CLIENT I.D. : AVB40-1102-1000TB
SAMPLE MATRIX : AQUEOUS

DATE SAMPLED : 09/03/92
DATE RECEIVED : 10/29/92
DATE EXTRACTED : N/A
DATE ANALYZED : 11/05/92
UNITS : UG/L
DILUTION FACTOR : 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.2
BROMOFORM	<0.2
BROMOMETHANE	<0.2
CARBON TETRACHLORIDE	<0.2
CHLOROBENZENE	<0.5
CHLOROETHANE	<0.2
CHLOROFORM	<0.2
CHLOROMETHANE	<0.2
DIBROMOCHLOROMETHANE	<0.2
1,3-DICHLOROBENZENE	<0.5
1,4 & 1,2-DICHLOROBENZENE	<0.5
DICHLORODIFLUOROMETHANE	<0.2
1,1-DICHLOROETHANE	<0.2
1,2-DICHLOROETHANE	<0.2
1,1-DICHLOROETHENE	<0.2
1,2-DICHLOROETHENE(TOTAL)	<0.2
1,2-DICHLOROPROPANE	<0.2
CIS-1,3-DICHLOROPROPENE	<0.2
TRANS-1,3-DICHLOROPROPENE	<0.2
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.2
TETRACHLOROETHENE	<0.2
1,1,1-TRICHLOROETHANE	<0.2
1,1,2-TRICHLOROETHANE	<0.2
TRICHLOROETHENE	<0.2
TRICHLOROFLUOROMETHANE	<0.5
VINYL CHLORIDE	<0.2
TRICHLOROTRIFLUOROETHANE	<2.0
2-CHLOROETHYL VINYL ETHER	<0.2

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	116

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099802

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/28/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 10/29/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 10/30/92
CLIENT I.D.	: AVB40-1127-1056	DATE ANALYZED	: 11/05/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.07
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.25
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	118

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099803

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/28/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 10/29/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 10/30/92
CLIENT I.D.	: AVB40-1227-1055	DATE ANALYZED	: 11/05/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.03
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.35
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	112

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099804

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/28/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 10/29/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 10/30/92
CLIENT I.D.	: AVB40-1327-1057	DATE ANALYZED	: 11/05/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.03
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.35
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	116

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099805

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB
CLIENT I.D. : AVB40-1427-1055
SAMPLE MATRIX : SOIL

DATE SAMPLED : 10/28/92
DATE RECEIVED : 10/29/92
DATE EXTRACTED : 10/30/92
DATE ANALYZED : 11/05/92
UNITS : MG/KG
DILUTION FACTOR : 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.08
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.58
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	99

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099806

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/29/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 10/29/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 10/30/92
CLIENT I.D.	: AVB40-1527-1055	DATE ANALYZED	: 11/05/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.06
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.41
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	105

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21099807

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/29/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 10/29/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 10/30/92
CLIENT I.D.	: AVB40-1627-1055	DATE ANALYZED	: 11/05/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.11
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	114

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	ATI I.D.	: 210998
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 10/30/92
PROJECT NAME	: WVB	DATE ANALYZED	: 11/05/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	<0.01
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	118

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 210998

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB
REF I.D. : 21149918

DATE ANALYZED : 11/04/92
SAMPLE MATRIX : NON-AQUEOUS
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.01	1.00	0.82	82	0.84	84	2
TRICHLOROETHENE	<0.01	1.00	0.86	86	0.86	86	0
TETRACHLOROETHENE	<0.01	1.00	0.85	85	0.84	84	1
BROMODICHLOROMETHANE	<0.01	1.00	0.83	83	0.84	84	1
CHLOROFORM	<0.01	1.00	1.04	104	1.06	106	2
1,1,1-TRICHLOROETHANE	<0.01	1.00	0.96	96	0.98	98	2
CHLOROBENZENE	<0.025	1.00	0.96	96	0.94	94	2

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

AnalyticalTechnologies, Inc., Phoenix, Arizona
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 28 OCT 92 PAGE 1 OF 1

ATI LAB I.D. 210998

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH PETRUS

COMPANY: ROY F WESTON
ADDRESS: 1600 W BROADWAY #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline;BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)	AQ/SOIL	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.	Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)	SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal	The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)	NUMBER OF CONTAINERS
AVB40-1102-1000TB	25EP92	0900	AQ	1						X															1
AVB40-1127-1056	28OCT92	0940	SOIL	2						X															1
AVB40-1227-1055	28OCT92	1200	SOIL	3						X															1
AVB40-1327-1057	28OCT92	1500	SOIL	4						X															1
AVB40-1427-1055	28Oct92	1700	SOIL	5						X															1
AVB40-1527-1055	29Oct92	0900	SOIL	6						X															1
AVB40-1627-1055	29Oct92	1110	SOIL	7						X															1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.: 6405-55-10-0203		NO. CONTAINERS	7
PROJ. NAME: WVG/MARYPTI		CUSTODY SEALS	(Y) / N / NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 1623	Signature: [signature] Time: 1225	Signature: Time:
Printed Name: D CHRISTIANA Date: 28Oct92	Printed Name: PETRUS Date: 29 Oct 92	Printed Name: Date:
Company: RF WESTON Phone: 966-2337	Company: WESTON	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: [signature] Time: 1623	Signature: Time:	Signature: [signature] Time: 1225
Printed Name: R Petrus Date: 28Oct92	Printed Name: Date:	Printed Name: Linda Eshelman Date: 10/29/92
Company: RF WESTON	Company:	Analytical Technologies, Inc.

Analytical Technologies, Inc. 9830 S. 51st Street Suite B-113 Phoenix, AZ 85044 (602) 496-4400

ATI I.D. 211500

November 17, 1992

RECEIVED
WESTON - TEMPE
NOV 19 1992

Roy F. Weston
1600 W. Broadway
Suite 210
Tempe, AZ 85282

Project Name/Number: WVB/Maryatt/6405-55-10-0203

Attention: Rich Petrus

On 11/02/92, Analytical Technologies, Inc. received a request to analyze soil sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (602) 496-4400.

Mary L. Tyer
Mary Tyer
Project Manager

Robert V. Woods
Robert V. Woods
Laboratory Manager

Robert Hermerath
Robert Hermerath
QA Coordinator

RVW:jat
Enclosure

Analytical Technologies, Inc.

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB/MARYATT

DATE RECEIVED : 11/02/92
REPORT DATE : 11/12/92

ATI I.D. : 211500

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	AVB40-1727-1005	SOIL	10/31/92
02	AVB40-2127-1004	SOIL	10/31/92

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	2

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21150001

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/31/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 11/02/92
PROJECT NAME	: WVB/MARYATT	DATE EXTRACTED	: 11/03/92
CLIENT I.D.	: AVB40-1727-1005	DATE ANALYZED	: 11/06/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.08
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	1.57
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.06
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025
TOLUENE	0.22
SURROGATE PERCENT RECOVERIES	
BROMOCHLOROMETHANE (%)	92

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21150002

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/31/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 11/02/92
PROJECT NAME	: WVB/MARYATT	DATE EXTRACTED	: 11/03/92
CLIENT I.D.	: AVB40-2127-1004	DATE ANALYZED	: 11/06/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.01
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025
TOLUENE	0.08
SURROGATE PERCENT RECOVERIES	
BROMOCHLOROMETHANE (%)	88

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	ATI I.D.	: 211500
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 11/03/92
PROJECT NAME	: WVB/MARYATT	DATE ANALYZED	: 11/06/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: MG/KG
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	<0.01
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025
TOLUENE	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	86

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 211500

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB/MARYATT
REF I.D. : 21149917

DATE ANALYZED : 11/09/92
SAMPLE MATRIX : NON-AQUEOUS
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.01	1.00	0.90	90	0.89	89	1
TRICHLOROETHENE	<0.01	1.00	0.93	93	0.91	91	2
TETRACHLOROETHENE	<0.01	1.00	1.10	110	1.05	105	5
BROMODICHLOROMETHANE	<0.01	1.00	0.89	89	0.84	84	6
CHLOROFORM	<0.01	1.00	1.05	105	1.03	103	2
1,1,1-TRICHLOROETHANE	<0.01	1.00	1.12	112	1.10	110	2
CHLOROBENZENE	<0.025	1.00	1.07	107	1.02	102	5

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc., Phoenix, Arizona
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 3 OCT 92 PAGE 1 OF 1

AT LAB I.D.: 211500

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH PERRIS

COMPANY: ROY F WESTON
ADDRESS: 1600 W. BROADWAY #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)			Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.			Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)			SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal			The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)		NUMBER OF CONTAINERS
AUB40-1727-1005	3 OCT 92	0925	SOIL	1							X																						1
AUB40-2127-1004	3 OCT 92	1355	SOIL	2							X																						1

PROJECT INFORMATION

PROJ. NO.: 6405-55-10-0203	NO. CONTAINERS	2	
PROJ. NAME: WVB/MARYATT	CUSTODY SEALS	Y / N / NA	
P.O. NO.:	RECEIVED INTACT	Y	
SHIPPED VIA:	RECEIVED COLD	Y	

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☐ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 0855	Signature: [signature] Time: 9:10	Signature: Time:
Printed Name: D CHRISTIANA Date: 2 NOV 92	Printed Name: RICK TORREZ Date: 11-2-92	Printed Name: Date:
Company: RF WESTON Phone: 966-2337	Company: TOP SPEED	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: (LAB) 3.
Signature: [signature] Time: 09:55	Signature: Time:	Signature: [signature] Time: 9:10
Printed Name: RICK TORREZ Date: 11-2-92	Printed Name: Date:	Printed Name: Linda Eshelman Date: 11/2/92
Company: TOP SPEED	Company:	Analytical Technologies, Inc.

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447

DISTRIBUTION: White, Canary - ANALYTICAL TECHNOLOGIES, INC. • Pink - ORIGINATOR

Analytical Technologies, Inc. 9830 S 51st Street Suite B-113 Phoenix, AZ 85044 (602) 496-4400

ATI I.D. **211881**

December 15, 1992

RECEIVED
WESTON - TEMPE
DEC 17 1992

Roy F. Weston
1600 W. Broadway
Suite 210
Tempe, AZ 85282

Project Name/Number: WVB/Maryatt/6405-55-10-0203

Attention: Rich Petrus

On **11/24/92**, Analytical Technologies, Inc. received a request to analyze **soil & aqueous** sample(s). The sample(s) were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (602) 496-4400.

Mary Tyer
Project Manager

Robert V. Woods
Laboratory Manager

RVW:clf
Enclosure

Analytical Technologies, Inc.

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB

DATE RECEIVED : 11/24/92
REPORT DATE : 12/09/92

ATI I.D. : 211881

ATI #	CLIENT DESCRIPTION	MATRIX	DATE COLLECTED
01	AVB40-1727-2004	SOIL	11/24/92
02	AVB40-2127-2004	SOIL	11/24/92
03	AVB40-2327-1004	SOIL	11/24/92
04	AVB40-1822-1000TB	AQUEOUS	10/29/92

----- TOTALS -----

MATRIX	# SAMPLES
SOIL	3
AQUEOUS	1

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21188101

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 11/24/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 11/24/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 11/25/92
CLIENT I.D.	: AVB40-1727-2004	DATE ANALYZED	: 12/04/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	0.02
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.58
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.04
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	120

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21188102

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 11/24/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 11/24/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 11/25/92
CLIENT I.D.	: AVB40-2127-2004	DATE ANALYZED	: 12/04/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.67
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.04
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	111

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21188103

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 11/24/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 11/24/92
PROJECT NAME	: WVB	DATE EXTRACTED	: 11/25/92
CLIENT I.D.	: AVB40-2327-1004	DATE ANALYZED	: 12/04/92
SAMPLE MATRIX	: SOIL	UNITS	: MG/KG
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	0.77
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	0.02
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	111

Analytical Technologies, Inc. GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

		ATI I.D.	: 211881
CLIENT	: ROY F. WESTON	DATE EXTRACTED	: 11/25/92
PROJECT #	: 6405-55-10-0203	DATE ANALYZED	: 12/04/92
PROJECT NAME	: WVB	UNITS	: MG/KG
CLIENT I.D.	: REAGENT BLANK	DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.01
BROMOFORM	<0.01
BROMOMETHANE	<0.01
CARBON TETRACHLORIDE	<0.01
CHLOROBENZENE	<0.025
CHLOROETHANE	<0.01
CHLOROFORM	<0.01
CHLOROMETHANE	<0.01
DIBROMOCHLOROMETHANE	<0.01
1,3-DICHLOROBENZENE	<0.025
1,2- & 1,4-DICHLOROBENZENE	<0.025
DICHLORODIFLUOROMETHANE	<0.01
1,1-DICHLOROETHANE	<0.01
1,2-DICHLOROETHANE	<0.01
1,1-DICHLOROETHENE	<0.01
1,2-DICHLOROETHENE(TOTAL)	<0.01
1,2-DICHLOROPROPANE	<0.01
CIS-1,3-DICHLOROPROPENE	<0.01
TRANS-1,3-DICHLOROPROPENE	<0.01
METHYLENE CHLORIDE	<0.1
1,1,2,2-TETRACHLOROETHANE	<0.01
TETRACHLOROETHENE	<0.01
1,1,1-TRICHLOROETHANE	<0.01
1,1,2-TRICHLOROETHANE	<0.01
TRICHLOROETHENE	<0.01
TRICHLOROFLUOROMETHANE	<0.025
TRICHLOROTRIFLUOROETHANE	<0.10
VINYL CHLORIDE	<0.01
2-CHLOROETHYL VINYL ETHER	<0.025

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	115

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 211881

TEST : VOLATILE HALOCARBONS (EPA METHOD 8010)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB
REF I.D. : 21249916

DATE ANALYZED : 12/04/92
SAMPLE MATRIX : NON-AQUEOUS
UNITS : MG/KG

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.01	1.00	0.81	81	0.82	82	1
TRICHLOROETHENE	<0.01	1.00	0.91	91	1.00	100	9
TETRACHLOROETHENE	<0.01	1.00	0.85	85	0.98	98	14
BROMODICHLOROMETHANE	<0.01	1.00	0.84	84	0.88	88	5
CHLOROFORM	<0.01	1.00	1.09	109	1.10	110	1
1,1,1-TRICHLOROETHANE	<0.01	1.00	1.06	106	1.14	114	7
CHLOROBENZENE	<0.025	1.00	0.93	93	1.05	105	12

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

ATI I.D. : 21188104

TEST : VOLATILE HALOCARBONS (EPA 8010)

CLIENT	: ROY F. WESTON	DATE SAMPLED	: 10/29/92
PROJECT #	: 6405-55-10-0203	DATE RECEIVED	: 11/24/92
PROJECT NAME	: WVB	DATE EXTRACTED	: N/A
CLIENT I.D.	: AVB40-1822-1000TB	DATE ANALYZED	: 12/04/92
SAMPLE MATRIX	: AQUEOUS	UNITS	: UG/L
		DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.2
BROMOFORM	<0.2
BROMOMETHANE	<0.2
CARBON TETRACHLORIDE	<0.2
CHLOROBENZENE	<0.5
CHLOROETHANE	<0.2
CHLOROFORM	<0.2
2-CHLOROETHYL VINYL ETHER	<0.5
CHLOROMETHANE	<0.2
DIBROMOCHLOROMETHANE	<0.2
DICHLORODIFLUOROMETHANE	<0.2
1,3-DICHLOROBENZENE	<0.5
1,2 & 1,4-DICHLOROBENZENE	<0.5
1,1-DICHLOROETHANE	<0.2
1,2-DICHLOROETHANE	<0.2
1,1-DICHLOROETHYLENE	<0.2
1,2-DICHLOROETHYLENE (TOTAL)	<0.2
METHYLENE CHLORIDE	<2.0
1,2-DICHLOROPROPANE	<0.2
CIS-1,3-DICHLOROPROPYLENE	<0.2
TRANS-1,3-DICHLOROPROPYLENE	<0.2
1,1,2,2-TETRACHLOROETHANE	<0.2
TETRACHLOROETHYLENE	<0.2
1,1,1-TRICHLOROETHANE	<0.2
1,1,2-TRICHLOROETHANE	<0.2
TRICHLOROETHYLENE	<0.2
TRICHLOROFLUOROMETHANE	<0.5
TRICHLOROTRIFLUOROETHANE	<2.0
VINYL CHLORIDE	<0.2

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	116

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS (EPA 8010)

CLIENT	: ROY F. WESTON	ATI I.D.	: 211881
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 12/04/92
PROJECT NAME	: WVB	DATE ANALYZED	: 12/04/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.2
BROMOFORM	<0.2
BROMOMETHANE	<0.2
CARBON TETRACHLORIDE	<0.2
CHLOROBENZENE	<0.5
CHLOROETHANE	<0.2
CHLOROFORM	<0.2
2-CHLOROETHYL VINYL ETHER	<0.5
CHLOROMETHANE	<0.2
DIBROMOCHLOROMETHANE	<0.2
DICHLORODIFLUOROMETHANE	<0.2
1,3-DICHLOROBENZENE	<0.5
1,2 & 1,4-DICHLOROBENZENE	<0.5
1,1-DICHLOROETHANE	<0.2
1,2-DICHLOROETHANE	<0.2
1,1-DICHLOROETHYLENE	<0.2
1,2-DICHLOROETHYLENE (TOTAL)	<0.2
METHYLENE CHLORIDE	<2.0
1,2-DICHLOROPROPANE	<0.2
CIS-1,3-DICHLOROPROPYLENE	<0.2
TRANS-1,3-DICHLOROPROPYLENE	<0.2
1,1,2,2-TETRACHLOROETHANE	<0.2
TETRACHLOROETHYLENE	<0.2
1,1,1-TRICHLOROETHANE	<0.2
1,1,2-TRICHLOROETHANE	<0.2
TRICHLOROETHYLENE	<0.2
TRICHLOROFLUOROMETHANE	<0.5
TRICHLOROTRIFLUOROETHANE	<2.0
VINYL CHLORIDE	<0.2

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	111

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 211881

TEST : VOLATILE HALOCARBONS (EPA 8010)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB
REF I.D. : 21249906

DATE ANALYZED : 12/04/92
SAMPLE MATRIX : AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.2	20.0	19.1	96	18.8	94	2
TRICHLOROETHENE	<0.2	20.0	20.4	102	19.9	100	2
TETRACHLOROETHENE	<0.2	20.0	21.1	106	20.4	102	3
BROMODICHLOROMETHANE	<0.2	20.0	18.9	94	18.4	92	3
CHLOROFORM	<0.2	20.0	21.4	107	20.9	104	2
1,1,1-TRICHLOROETHANE	<0.2	20.0	21.2	106	21.0	105	1
CHLOROBENZENE	<0.5	20.0	20.6	103	20.0	100	3

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - RESULTS

REAGENT BLANK

TEST : VOLATILE HALOCARBONS (EPA METHOD 601)

CLIENT	: ROY F. WESTON	ATI I.D.	: 210998
PROJECT #	: 6405-55-10-0203	DATE EXTRACTED	: 11/05/92
PROJECT NAME	: WVB	DATE ANALYZED	: 11/05/92
CLIENT I.D.	: REAGENT BLANK	UNITS	: UG/L
		DILUTION FACTOR	: N/A

COMPOUNDS	RESULTS
BROMODICHLOROMETHANE	<0.2
BROMOFORM	<0.2
BROMOMETHANE	<0.2
CARBON TETRACHLORIDE	<0.2
CHLOROBENZENE	<0.5
CHLOROETHANE	<0.2
CHLOROFORM	<0.2
CHLOROMETHANE	<0.2
DIBROMOCHLOROMETHANE	<0.2
1,3-DICHLOROBENZENE	<0.5
1,4 & 1,2-DICHLOROBENZENE	<0.5
DICHLORODIFLUOROMETHANE	<0.2
1,1-DICHLOROETHANE	<0.2
1,2-DICHLOROETHANE	<0.2
1,1-DICHLOROETHENE	<0.2
1,2-DICHLOROETHENE(TOTAL)	<0.2
1,2-DICHLOROPROPANE	<0.2
CIS-1,3-DICHLOROPROPENE	<0.2
TRANS-1,3-DICHLOROPROPENE	<0.2
METHYLENE CHLORIDE	<2.0
1,1,2,2-TETRACHLOROETHANE	<0.2
TETRACHLOROETHENE	<0.2
1,1,1-TRICHLOROETHANE	<0.2
1,1,2-TRICHLOROETHANE	<0.2
TRICHLOROETHENE	<0.2
TRICHLOROFLUOROMETHANE	<0.5
VINYL CHLORIDE	<0.2
TRICHLOROTRIFLUOROETHANE	<2.0
2-CHLOROETHYL VINYL ETHER	<0.2

SURROGATE PERCENT RECOVERIES

BROMOCHLOROMETHANE (%)	113

Analytical Technologies, Inc.

QUALITY CONTROL DATA

ATI I.D. : 210998

TEST : VOLATILE HALOCARBONS (EPA METHOD 601)

CLIENT : ROY F. WESTON
PROJECT # : 6405-55-10-0203
PROJECT NAME : WVB
REF I.D. : 21149909

DATE ANALYZED : 11/04/92
SAMPLE MATRIX : AQUEOUS
UNITS : UG/L

COMPOUNDS	SAMPLE RESULT	CONC. SPIKED	SPIKED SAMPLE	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
1,1-DICHLOROETHENE	<0.2	20.0	16.5	82	16.2	81	2
TRICHLOROETHENE	<0.2	20.0	17.7	88	16.6	83	6
TETRACHLOROETHENE	<0.2	20.0	16.7	84	16.4	82	2
BROMODICHLOROMETHANE	<0.2	20.0	17.3	86	16.6	83	4
CHLOROFORM	<0.2	20.0	21.2	106	20.8	104	2
1,1,1-TRICHLOROETHANE	<0.2	20.0	18.3	92	17.4	87	5
CHLOROBENZENE	<0.5	20.0	20.4	102	19.0	95	7

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative \% Difference)} = \frac{(\text{Spiked Sample Result} - \text{Duplicate Spike Sample Result})}{\text{Average of Spiked Sample}} \times 100$$

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MAXIMA 820 CUSTOM REPORT

Printed: 4-DEC-1992 22:35:48

SAMPLE: MeOH BLK 11/25
#7 in Method: 601 - 8010 @ 602 - 8020
Acquired: 4-DEC-1992 16:06
Rate: 1.0 points/sec
Duration: 40.000 minutes
Operator: TH/

Type: UNKN
Instrument: GC 1 ARAMAS
Filename: 19233907
Index: 6

Amount: 5.000

DETECTOR: PID DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	TFT (I.S.)		22.967	240548	100.00#
2	BFB SURR	24.11!!	29.633	77956	120.53!!
TOTAL		24.11!!		77956	120.53!!

Value not included in TOTAL calculation.

!! Result calculation based on peak response more than 10% outside of calibration range.

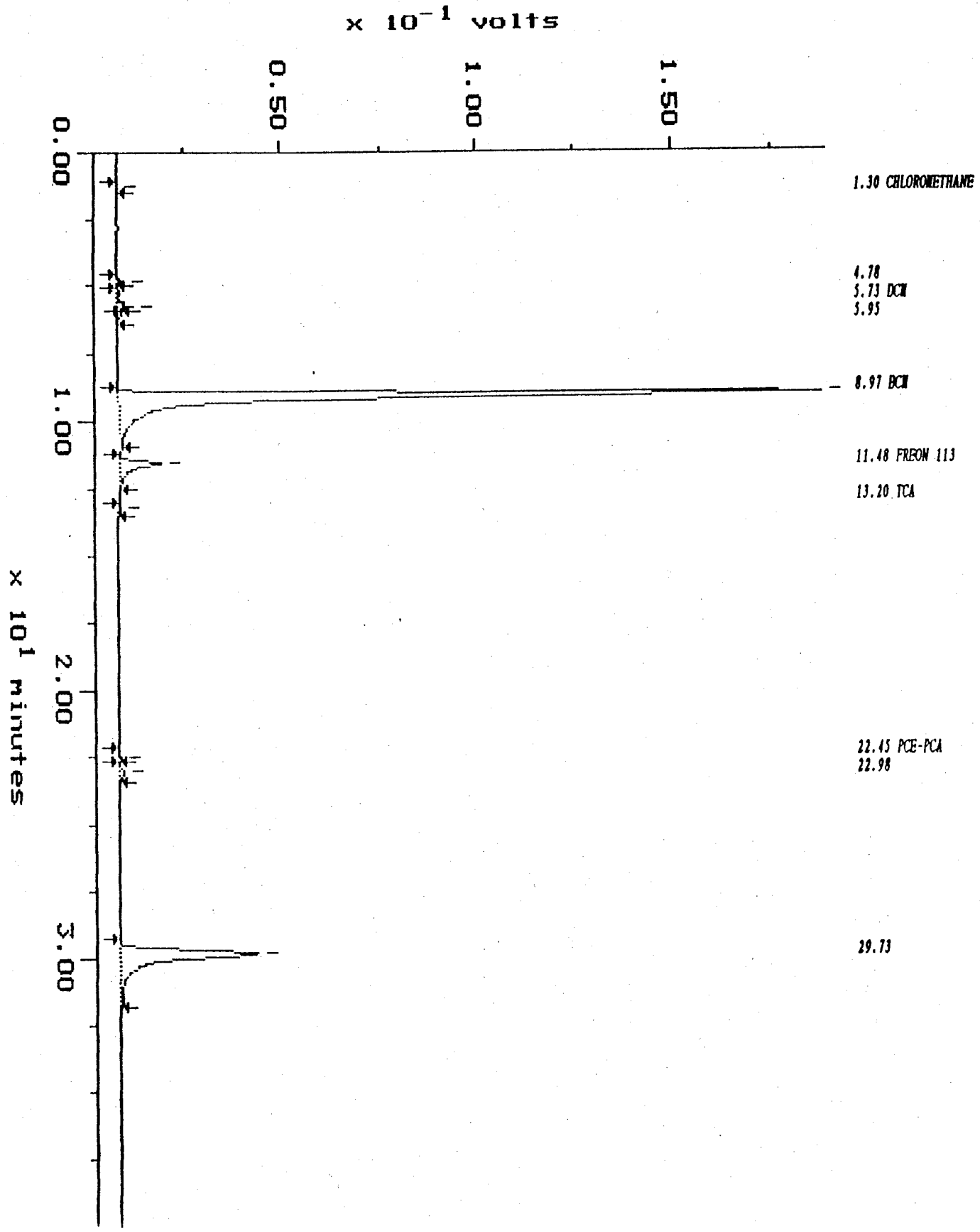
DETECTOR: HALL DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	CHLOROMETHANE	0.03	1.300	3749	0.16
2			4.783	7505	
3	DCM	0.21	5.733	40976	1.04
4			5.950	10207	
5	BCM	~~21.68~~!! 23.01	8.967	~~2804507~~ 2.69x10^6	~~123.39~~!! 115.07
6	FREON 113	1.32 <	11.483	194693	6.62
7	TCA	0.03	13.200	4191	0.14
8	PCE-FCA	0.03	22.450	6075	0.15
9			22.983	22963	
10			29.733	953951	
TOTAL		26.30!!		4128817	131.50!!

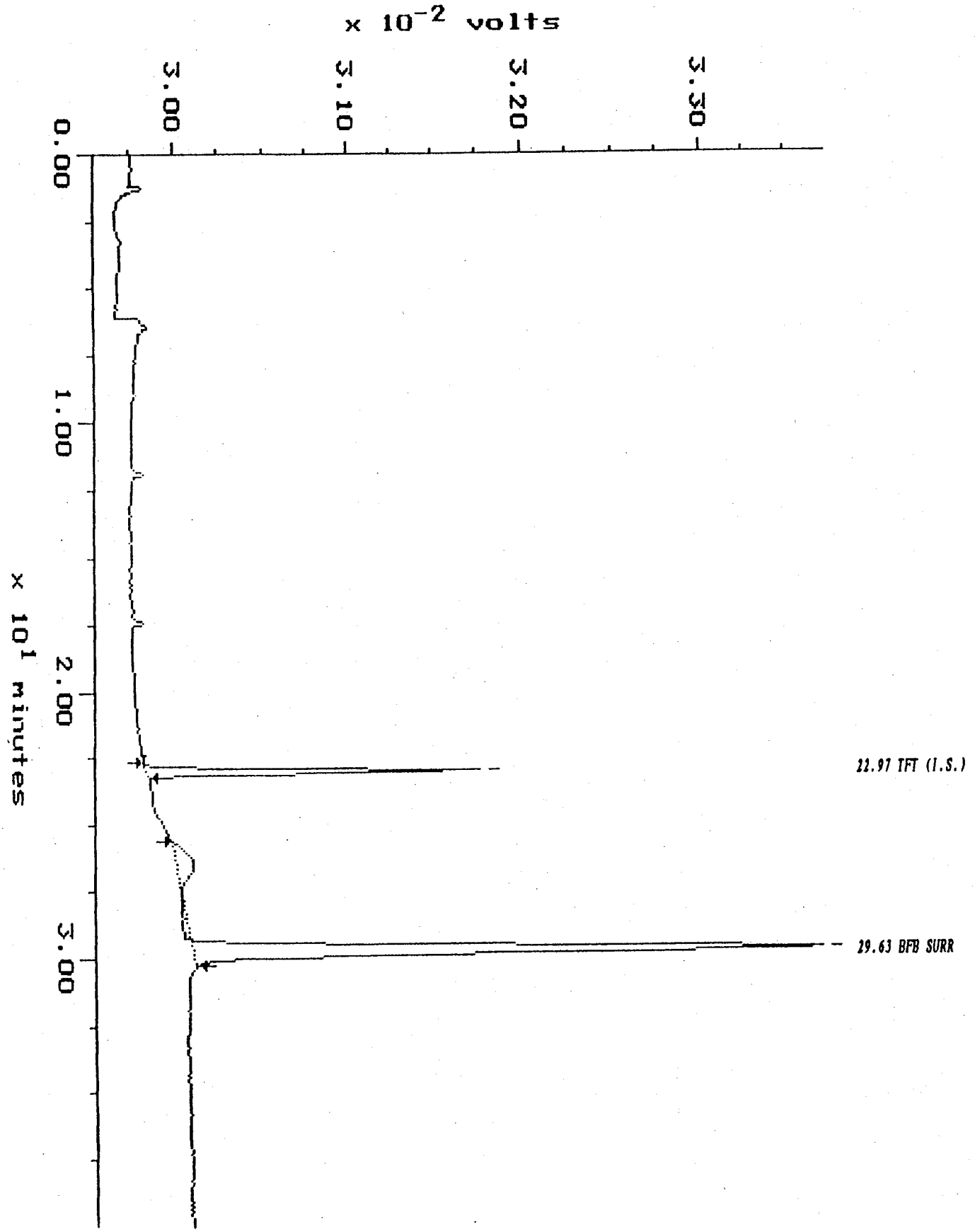
Value not included in TOTAL calculation.

!! Result calculation based on peak response more than 10% outside of calibration range.

Sample: MeOH BLK 11/25 Channel: HALL DETECTOR Filename: 19233907
Acquired: 04-DEC-92 16:06 Method: C:ØMAXØDATA1ØVOA1 Operator: TH/
Amount: 5.000



Sample: MeOH BLK 11/25 Channel: PID DETECTOR Filename: 19233907
Acquired: 04-DEC-92 16:06 Method: C:ØWAXØDATA1ØVOA1 Operator: TH/
Amount: 5.000



MAXIMA (c)1990 Dynamic Solutions, Division of Millipore

MAXIMA 820 CUSTOM REPORT

Printed: 4-DEC-1992 22:37:34

SAMPLE: 21188101 100ul
#8 in Method: 601 - 8010 @ 602 - 8020
Acquired: 4-DEC-1992 16:56
Rate: 1.0 points/sec
Duration: 40.000 minutes
Operator: TH/

Type: UNKN
Instrument: GC 1 ARAMAS
Filename: 19233908
Index: 7

Amount: 5.000

DETECTOR: PID DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	PCE	9.91	22.383	18968	49.57
2	TFT (I.S.)		22.967	23597#	100.00#
3	BFB SURR	23.37!!	29.650	74143	116.85!!
TOTAL		33.28!!		93111	166.42!!

Value not included in TOTAL calculation.

!! Result calculation based on peak response more than 10% outside of calibration range.

DETECTOR: HALL DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	VINYL CL/DCDFM	0.07	2.700	8608	0.33
2	DCM	0.61 ✓	5.583	120257	3.06
3	BCM	~~21.34!!~~ 23.96	8.967	~~2844563~~ 2.80×10^6	~~121.69!!~~ 119.78
4	TRANS 1,2-DICL	0.42 ✓	10.600	65477	2.12
5	FREON 113	0.03	11.483	3889	0.13
6	TCA	0.02	13.183	3355	0.11
7	TCE	0.90 ✓	16.467	169497	4.50
8	PCE-PCA	11.59 ✓	22.433	2308479	57.97
9			29.750	851623	
TOTAL		37.98!!		6375746	189.91!!

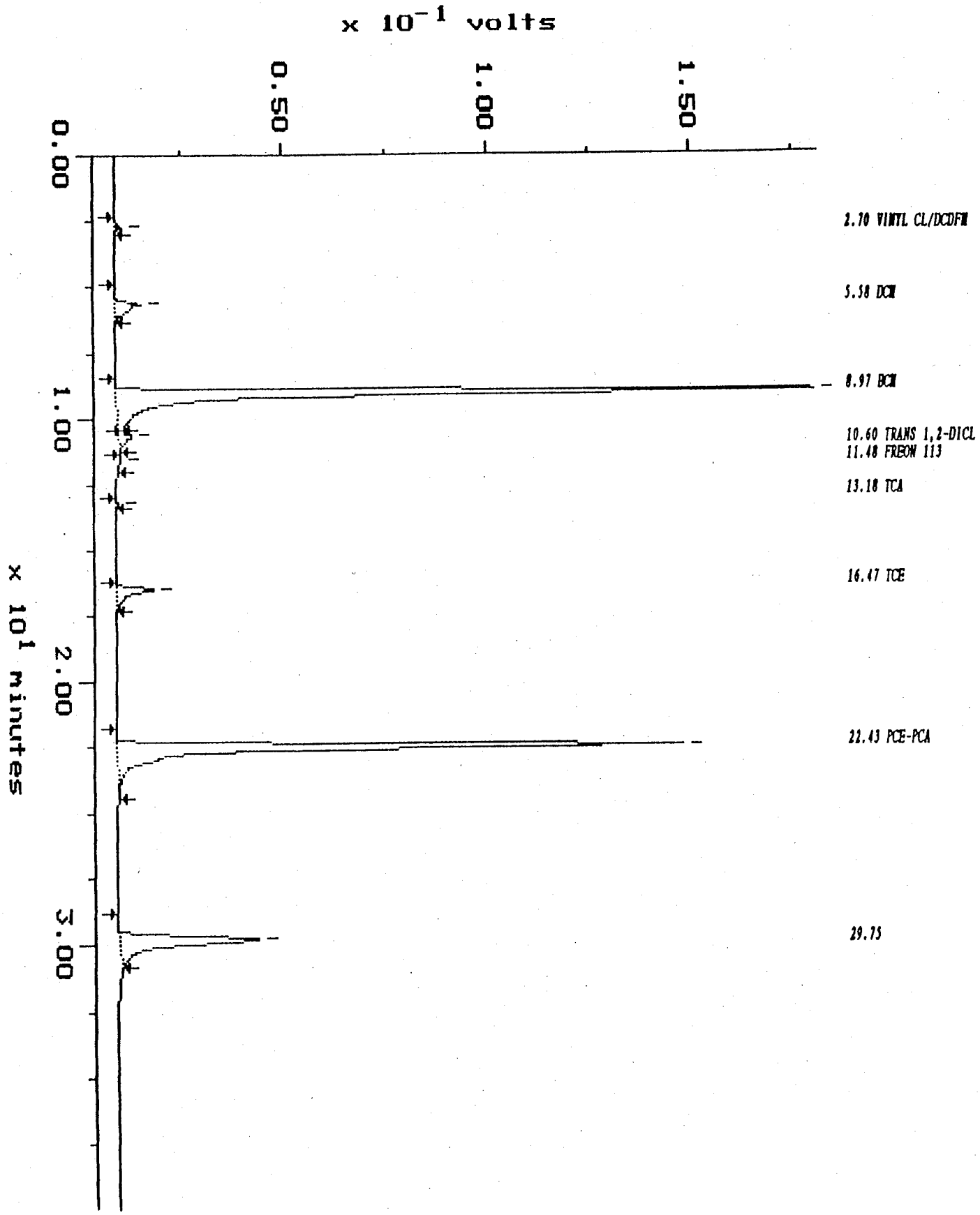
Value not included in TOTAL calculation.

!! Result calculation based on peak response more than 10% outside of calibration range.

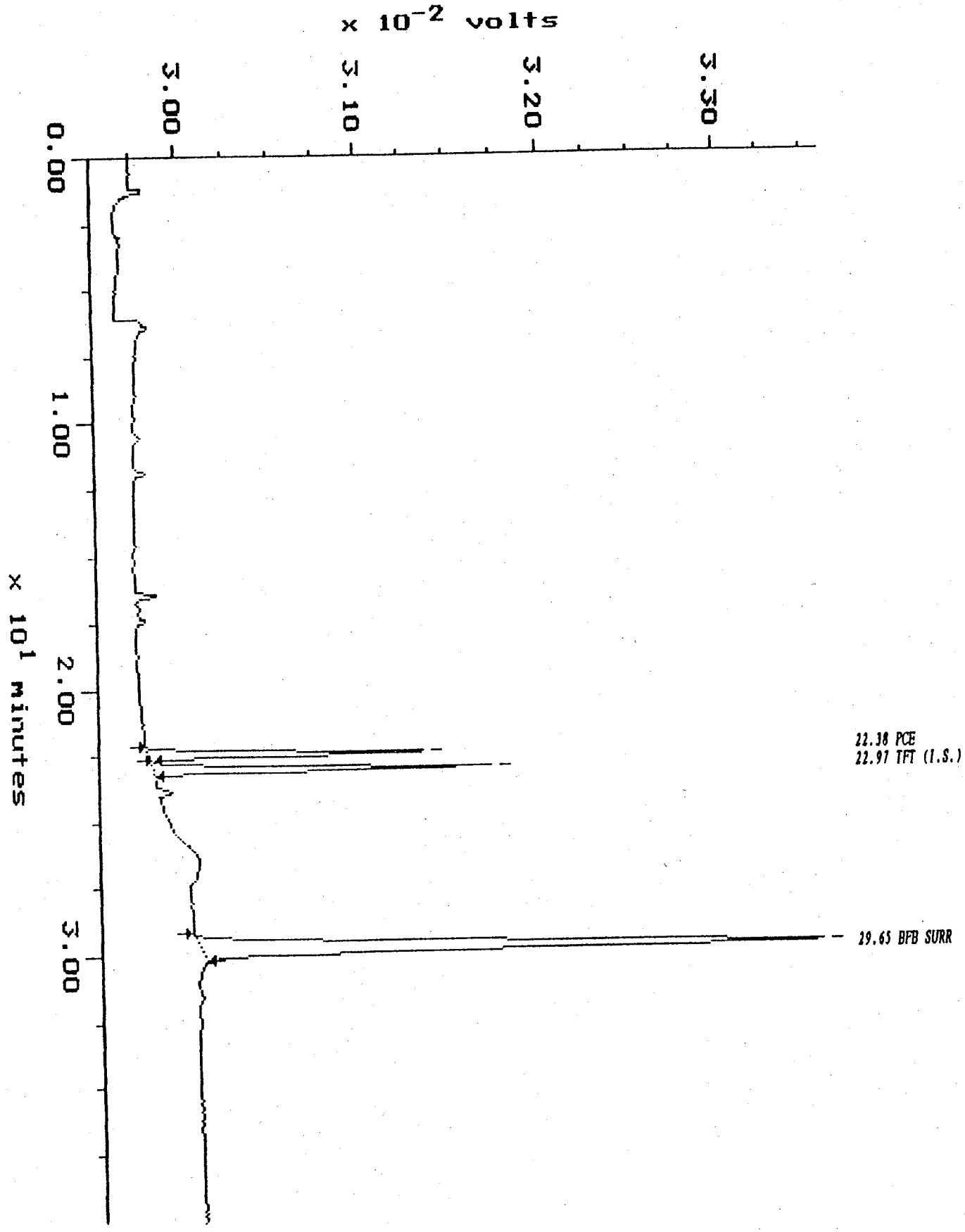
Sample: 21188101 100ul
Acquired: 04-DEC-92 16:56
Amount: 5.000

Channel: HALL DETECTOR
Method: C:\MAX\DATA1\VOA1

Filename: 19233908
Operator: TH/



Sample: 21188101 100ul Channel: PID DETECTOR Filename: 19233908
Acquired: 04-DEC-92 16:56 Method: C:ØMAXØDATA1ØVOA1 Operator: TH/
Amount: 5.000



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MAXIMA 820 CUSTOM REPORT

Printed: 4-DEC-1992 22:39:30

SAMPLE: 21188102 100ul
#9 in Method: 601 - 8010 @ 602 - 8020
Acquired: 4-DEC-1992 17:46
Rate: 1.0 points/sec
Duration: 40.000 minutes
Operator: TM/

Type: UNKN
Instrument: GC 1 ARAMAS
Filename: 19233909
Index: 8

Amount: 5.000

DETECTOR: PID DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	PCE	13.05	22.400	22002	65.26
2	TFT (I.S.)		22.967	207918	100.00#
3	TOLUENE	0.95	23.800	3154	4.73
4	BFB SURR	26.87!!	29.650	75115	134.36!!
TOTAL		40.87!!		100271	204.36!!

Value not included in TOTAL calculation.

!! Result calculation based on peak response more than 10% outside of calibration range.

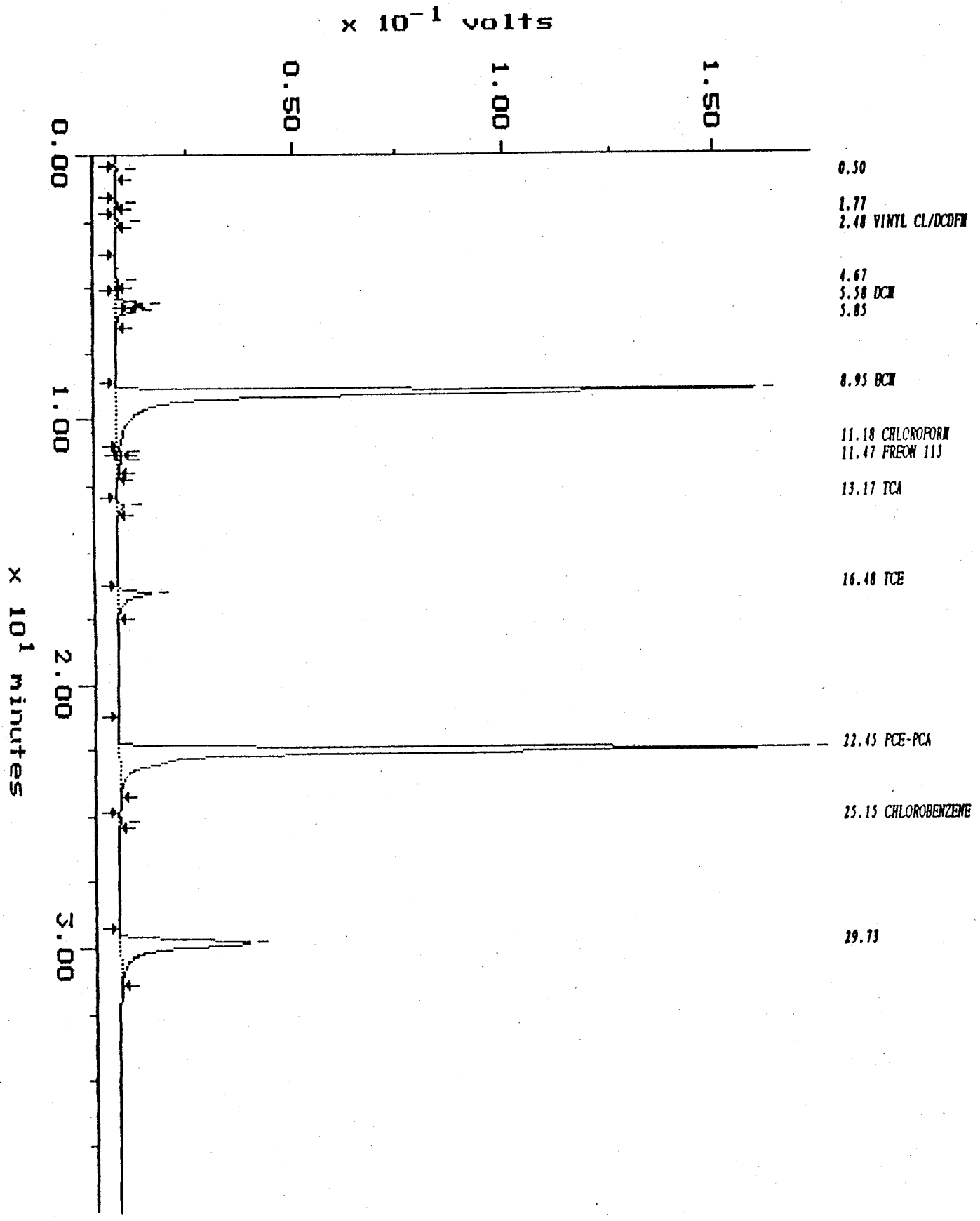
DETECTOR: HALL DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1			0.500	7077	
2			1.767	3692	
3	VINYL CL/DCDFM	0.06	2.483	8005	0.31
4			4.667	4637	
5	DCM	0.55	5.583	107176	2.73
6			5.850	39181	
7	BCM	22.28!!	8.950	2603660	111.38!!
8	CHLOROFORM	0.04	11.183	7938	0.20
9	FREON 113	0.10	11.467	14967	0.51
10	TCA	0.12	13.167	18914	0.61
11	TCE	0.77	16.483	144633	3.84
12	PCE-PCA	13.41	22.450	2670577	67.06
13	CHLOROBENZENE	0.04	25.150	3003	0.22
14			29.733	825718	
TOTAL		37.37!!		6459177	186.87!!

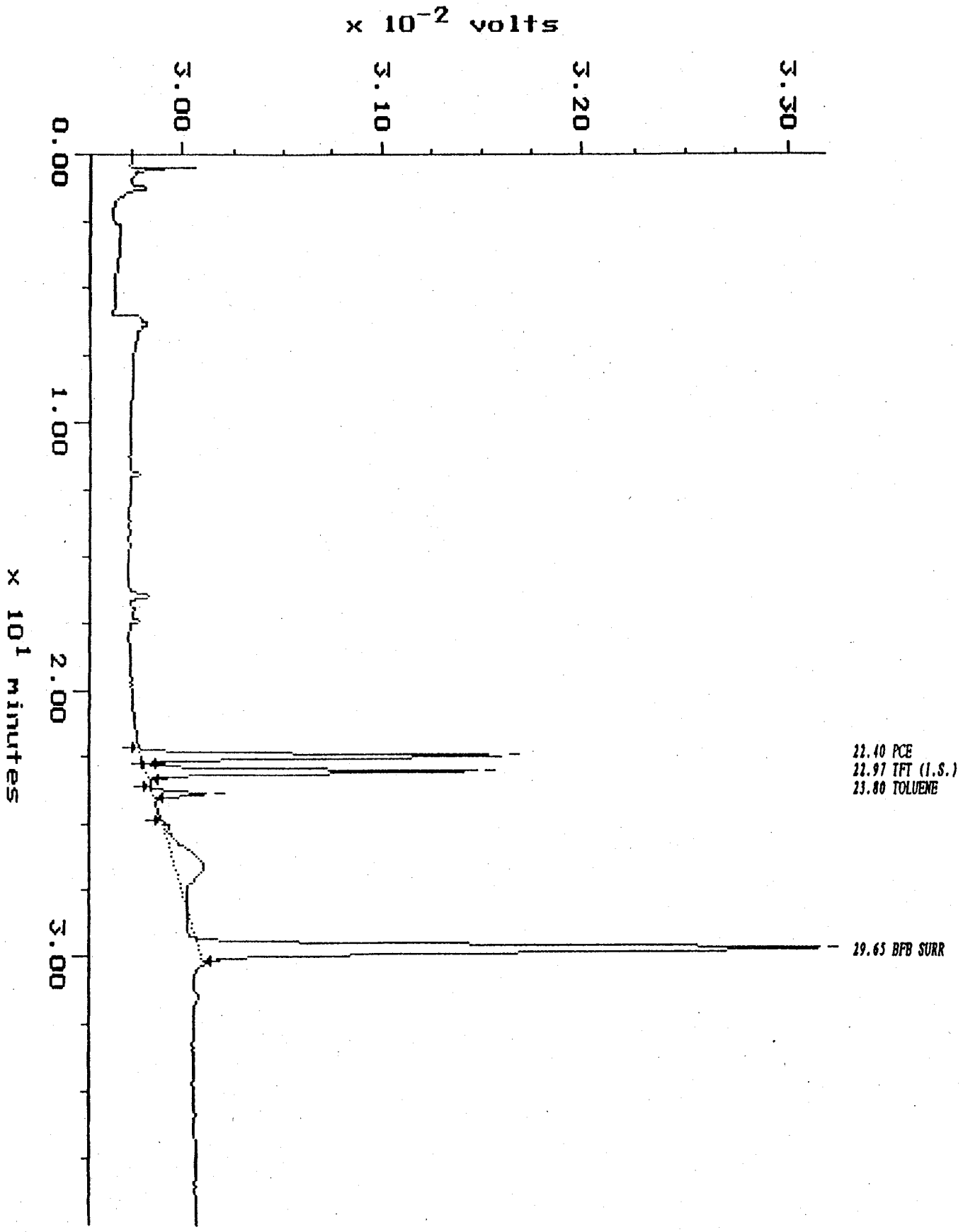
Value not included in TOTAL calculation.

Result calculation based on peak response more than 10% outside of calibration range.

Sample: 21188102 100ul Channel: HALL DETECTOR Filename: 19233909
Acquired: 04-DEC-92 17:46 Method: C:ØMAXIØDATA1ØVOA1 Operator: TM/
Amount: 5.000



Sample: 21188102 100ul Channel: PID DETECTOR Filename: 19233909
Acquired: 04-DEC-92 17:46 Method: C:ØMAXØDATA1ØVOA1 Operator: TH/
Amount: 5.000



MAXIMA (c)1990 Dynamic Solutions, Division of Millipore

MAXIMA 820 CUSTOM REPORT

Printed: 4-DEC-1992 22:41:26

SAMPLE: 21188103 100ul
#10 in Method: 601 - 8010 @ 602 - 8020
Acquired: 4-DEC-1992 18:37
Rate: 1.0 points/sec
Duration: 40.000 minutes
Operator: TH/

Type: UNKN
Instrument: GC 1 ARAMAS
Filename: 19233910
Index: 9

Amount: 5.000

DETECTOR: PID DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	PCE	13.91	22.400	25101	69.55
2	TFT (I.S.)		22.967	222578	100.00#
3	BFB SURR	22.78!	29.650	68154	113.88!
TOTAL		36.69!		93256	183.43!

Value not included in TOTAL calculation.

! Result calculation based on peak response ratio outside of calibration range.

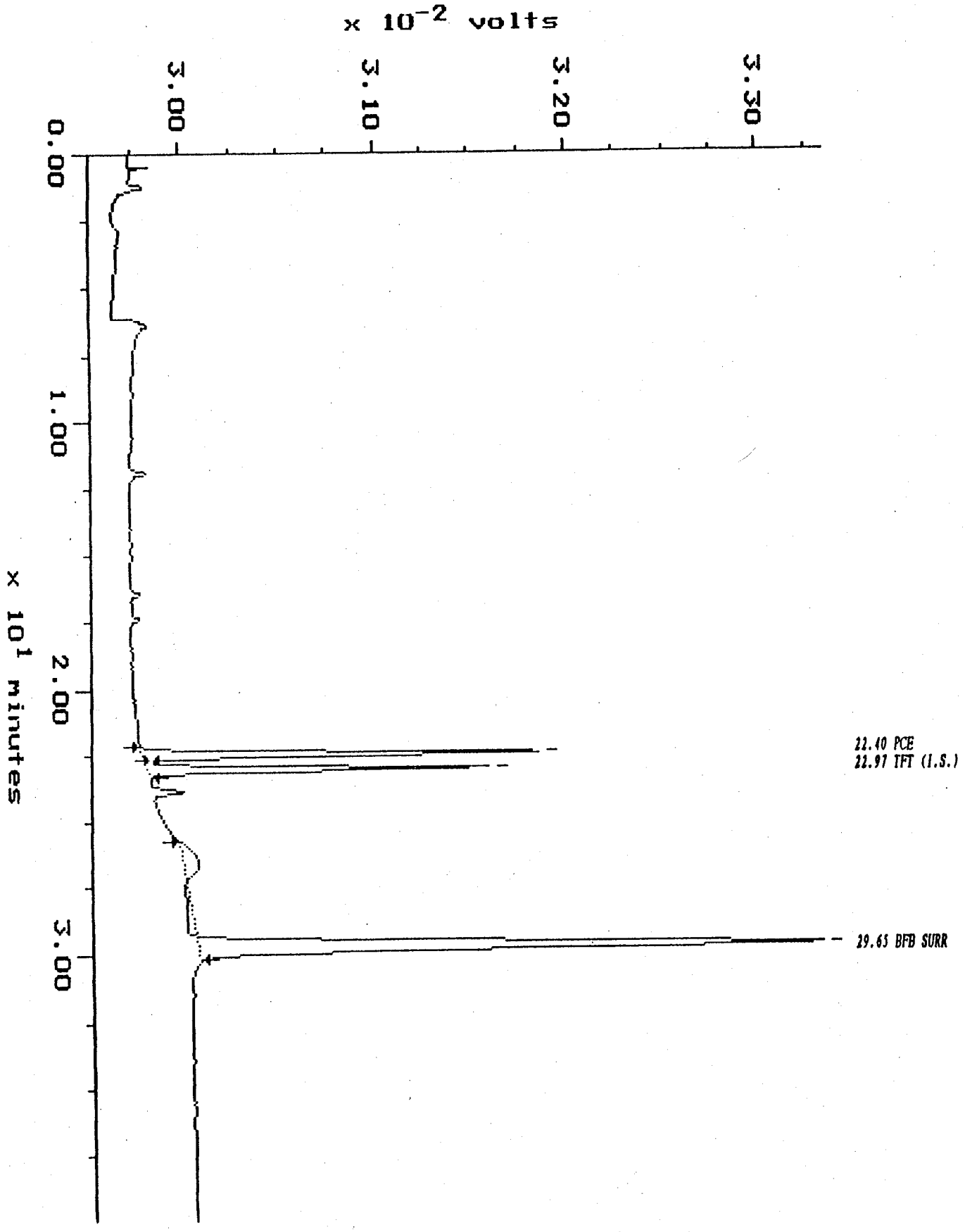
DETECTOR: HALL DETECTOR

PK#	Component Name	Original Conc (ug/L)	Retention Time (minutes)	Peak Area	Solution Conc (ng)
1	DCM	0.34	5.600	67447	1.72
2			5.817	34532	
3	BCM	~~24.83~~!22.24	8.933	~~2901876~~ 2.60×10^6	~~124.14~~!! 111.22
4	TRANS 1,2-DICL	0.05	10.600	7765	0.25
5	TCE	0.36 ✓	16.467	67323	1.79
6	PCE-PCA	15.43 ✓	22.450	3073016	77.17
7			29.767	895575	
8			30.983	6536	
TOTAL		41.01!!		7054070	205.06!!

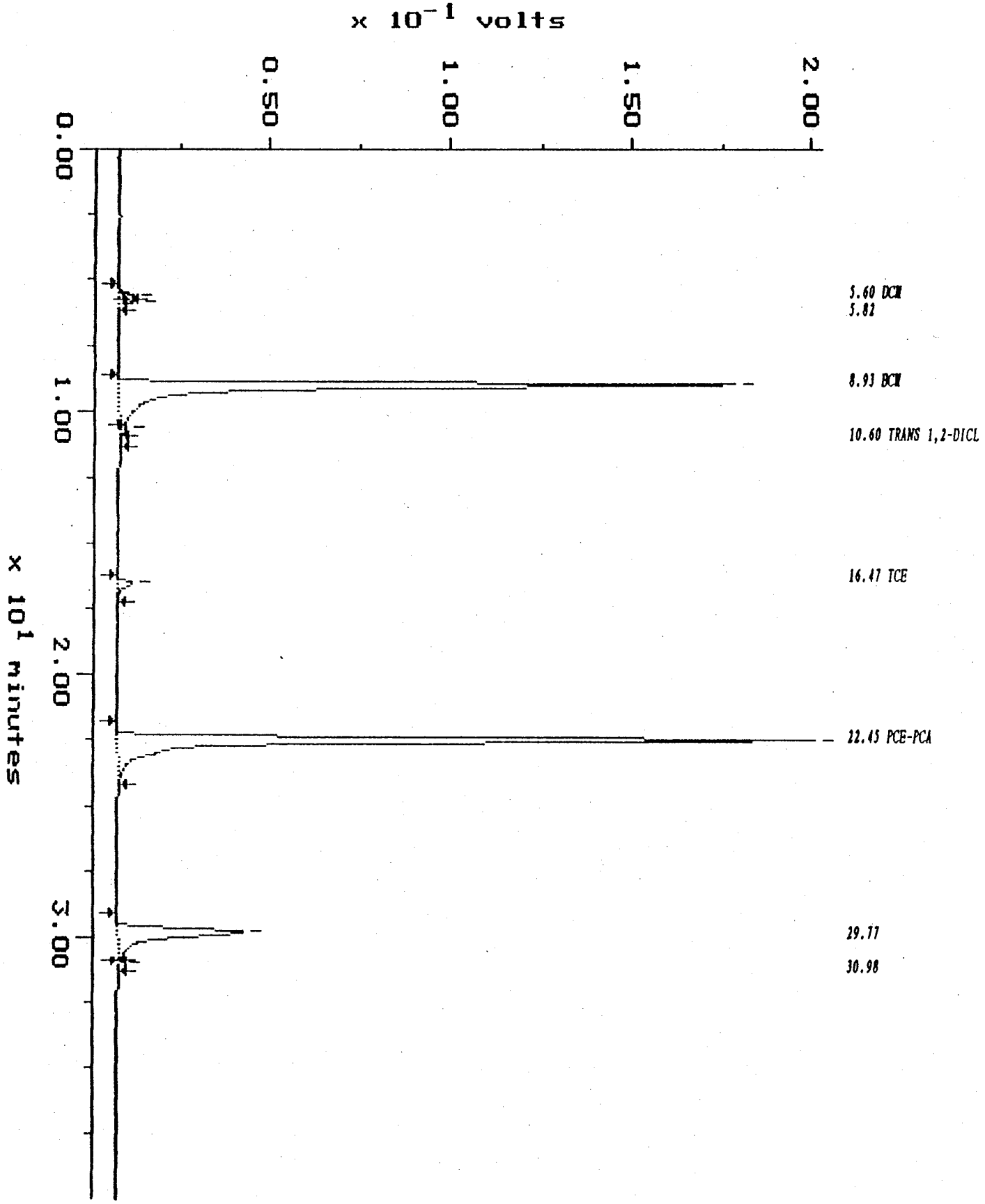
Value not included in TOTAL calculation.

!! Result calculation based on peak response more than 10% outside of calibration range.

Sample: 21188103 100ul Channel: PID DETECTOR Filename: 19233910
Acquired: 04-DEC-92 18:37 Method: C:ØMAXØDATA1ØVOA1 Operator: TH/
Amount: 5.000



Sample: 21188103 100ul Channel: HALL DETECTOR Filename: 19233910
Acquired: 04-DEC-92 18:37 Method: C:ØMAXØDATA1ØVOA1 Operator: TH/
Amount: 5.000



COOLER #41

AnalyticalTechnologies,Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland

CHAIN OF CUSTODY

DATE: 24NOV92 PAGE 1 OF 1

ATI LAB I.D. 211881

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: RICH PETRUS

COMPANY: ROY F WESTON
ADDRESS: 1600 W. BROADWAY #210
TEMPE AZ 85282
PHONE: 966-2337
FAX:

BILL TO: SAME
COMPANY:
ADDRESS:

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	LAB ID	Petroleum Hydrocarbons (418.1)	(MOD 8015) Gas/Diesel	Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020)	BTXE/MTBE (8020)		Cl HC (601)	Chlorinated Hydrocarbons (601/8010)	Aromatic Hydrocarbons (602/8020)	SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg.			Pesticides/PCB (608/8080)	Herbicides (615/8150)	Base/Neutral/Acid Compounds GC/MS (625/8270)	Volatile Organics GC/MS (624/8240)	Polynuclear Aromatics (610/8310)			SDWA Primary Standards - Arizona	SDWA Secondary Standards - Arizona	SDWA Primary Standards - Federal	SDWA Secondary Standards - Federal			The 13 Priority Pollutant Metals	RCRA Metals by Total Digestion	RCRA Metals by TCLP (1311)		NUMBER OF CONTAINERS
AUB40-1727-2004	24NOV92	1005	SOIL	1							X																						1
AUB40-2127-2004	24NOV92	1125	SOIL	2							X																						1
AUB40-2327-1004	24NOV92	1310	SOIL	3							X																						1
AUB40-1822-1000 TB	29OCT92	0800	AQ	4						X																							1

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJ. NO.:	6405-55-10-0203	NO. CONTAINERS	4
PROJ. NAME:	W/B/MARYATT	CUSTODY SEALS	(Y) / N / NA
P.O. NO.:		RECEIVED INTACT	Y
SHIPPED VIA:		RECEIVED COLD	Y

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments:

SAMPLED & RELINQUISHED BY: 1.		RELINQUISHED BY: 2.		RELINQUISHED BY: 3.	
Signature: DChristiana	Time: 15:45	Signature: [signature]	Time: 16:00	Signature:	Time:
Printed Name: DCHRISTIANA	Date: 24NOV92	Printed Name: R Nicklin	Date: 11/24	Printed Name:	Date:
Company: RFWESTON	Phone: 966-2337	Company: TSD		Company:	

RECEIVED BY: 1.		RECEIVED BY: 2.		RECEIVED BY:(LAB) 3.	
Signature: [signature]	Time: 15:45	Signature:	Time:	Signature: [signature]	Time: 1600
Printed Name: R Nicklin	Date: 11/24	Printed Name:	Date:	Printed Name: Linda Eshelman	Date: 11/24/92
Company: TSD		Company:		Analytical Technologies, Inc.	

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