Analytical Report 482208

for

Terranext

Project Manager: Chuck Gordon

WVBA

03103154

14-APR-14

Collected By: Client

3725 E. Atlanta Ave, Phoenix, AZ 85040
Ph: (602) 437-0330

Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

14-APR-14

Project Manager: **Chuck Gordon**
Terranext
4050 E. Cotton Center Blvd.
Phoenix, AZ 85040

Reference: TWA Report No(s): **482208**
WVBA
Project Address:

Chuck Gordon:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the TWA Report Number(s) 482208. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by TransWest Analytical. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 482208 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting TransWest Analytical to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Skip Harden
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
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CASE NARRATIVE

Client Name: Terranext
Project Name: WVBA

Project ID: *03103154*
Work Order Number(s): *482208*

Report Date: *14-APR-14*
Date Received: *03/28/2014*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-937933 VOCs by EPA 8260B
R2:
The RPD for Acetone and Bromomethane was outside of criteria in the one of the QC pair. Since the RPD for Acetone and Bromomethane was within the criteria in the other QC pair, no further action was required.

Flagging Criteria

Arizona Flags

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007. Data qualifiers (flags) contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

L1 The associated blank spike recovery was above laboratory acceptance limits.

M1 Matrix spike recovery was high; the associated blank spike recovery was acceptable.

N1 See case narrative.

R2 RPD/RSD exceeded the laboratory acceptance limit. See case narrative.

R5 MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

Sample Cross Reference 482208

Terranext, Phoenix, AZ

WVBA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Trip Blank	W	03-28-14 08:35		482208-001
RID-87	W	03-28-14 08:35		482208-002
RID-86	W	03-28-14 08:57		482208-003
RID-85	W	03-28-14 09:16		482208-004
RID-84	W	03-28-14 09:36		482208-005
RID-81	W	03-28-14 09:40		482208-006
RID-82	W	03-28-14 10:07		482208-007

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **Trip Blank**
Lab Sample Id: 482208-001

Matrix: Water
Date Collected: 03.28.14 08.35

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 938121

Date Prep: 04.08.14 12.16

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.08.14 17.28		1
Benzene	71-43-2	<0.500	0.500	ug/L	04.08.14 17.28		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.08.14 17.28		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.08.14 17.28		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.08.14 17.28		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.08.14 17.28		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.08.14 17.28	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.08.14 17.28		1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.08.14 17.28		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.08.14 17.28		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.08.14 17.28		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.08.14 17.28		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.08.14 17.28		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.08.14 17.28		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.08.14 17.28		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.08.14 17.28		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.08.14 17.28		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.08.14 17.28		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.08.14 17.28		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.08.14 17.28		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.08.14 17.28		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.08.14 17.28		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.08.14 17.28		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.08.14 17.28		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.08.14 17.28		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.08.14 17.28		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.08.14 17.28		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.08.14 17.28		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.08.14 17.28		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.08.14 17.28		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.08.14 17.28		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	04.08.14 17.28		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.08.14 17.28		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.08.14 17.28		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.08.14 17.28		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.08.14 17.28		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.08.14 17.28		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.08.14 17.28		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.08.14 17.28		1

Final 1.000

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **Trip Blank**
Lab Sample Id: 482208-001

Matrix: Water
Date Collected: 03.28.14 08.35

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 938121

Date Prep: 04.08.14 12.16

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.08.14 17.28		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.08.14 17.28		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.08.14 17.28		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.08.14 17.28	V1	1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.08.14 17.28		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.08.14 17.28		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.08.14 17.28		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.08.14 17.28		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.08.14 17.28		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.08.14 17.28		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.08.14 17.28		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.08.14 17.28		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.08.14 17.28		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	04.08.14 17.28		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.08.14 17.28		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.08.14 17.28		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.08.14 17.28		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.08.14 17.28		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.08.14 17.28		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	04.08.14 17.28		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.08.14 17.28		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.08.14 17.28		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.08.14 17.28		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.08.14 17.28		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.08.14 17.28		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.08.14 17.28		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.08.14 17.28		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.08.14 17.28		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.08.14 17.28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	69-133	04.08.14 17.28	
1,2-Dichloroethane-D4	17060-07-0	98	%	66-139	04.08.14 17.28	
Toluene-D8	2037-26-5	97	%	70-130	04.08.14 17.28	
4-Bromofluorobenzene	460-00-4	90	%	70-135	04.08.14 17.28	

Final 1.000

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-87** Matrix: Water Date Received:03.28.14 10.40
Lab Sample Id: 482208-002 Date Collected: 03.28.14 08.35

Analytical Method: Total Metals by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 13.10
Seq Number: 938417 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 22.56		1

Analytical Method: Metals, Dissolved, by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 14.31
Seq Number: 938350 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 10.07		1

Analytical Method: Chromium Hexavalent by SM 3500 Cr-D
Tech: KUI % Moisture:
Analyst: TNL
Seq Number: 937365

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium, Hexavalent	18540-29-9	<0.00500	0.00500	mg/L	03.28.14 15.45		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-87**
Lab Sample Id: 482208-002

Matrix: Water
Date Collected: 03.28.14 08.35

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.06.14 22.44	L1	1
Benzene	71-43-2	<0.500	0.500	ug/L	04.06.14 22.44		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.06.14 22.44		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.06.14 22.44		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.06.14 22.44		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.06.14 22.44		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.06.14 22.44	M1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.06.14 22.44	M1	1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.06.14 22.44		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.06.14 22.44		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.06.14 22.44		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.06.14 22.44		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.06.14 22.44		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.06.14 22.44		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.06.14 22.44		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.06.14 22.44		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.06.14 22.44		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.06.14 22.44		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.06.14 22.44		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.06.14 22.44		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.06.14 22.44		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.06.14 22.44		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.06.14 22.44		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.06.14 22.44		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.06.14 22.44		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.06.14 22.44		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.06.14 22.44		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.06.14 22.44		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.06.14 22.44		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.06.14 22.44		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.06.14 22.44		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	04.06.14 22.44		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.06.14 22.44		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.06.14 22.44		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.06.14 22.44		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.06.14 22.44	M1	1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.06.14 22.44		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.06.14 22.44		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.06.14 22.44		1

Final 1.000

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-87**
Lab Sample Id: 482208-002

Matrix: Water
Date Collected: 03.28.14 08.35

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.06.14 22.44		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.06.14 22.44		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.06.14 22.44		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.06.14 22.44	M1	1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.06.14 22.44		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.06.14 22.44		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.06.14 22.44		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.06.14 22.44		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.06.14 22.44		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.06.14 22.44		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.06.14 22.44		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.06.14 22.44		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.06.14 22.44	M1	1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	04.06.14 22.44		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.06.14 22.44		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.06.14 22.44		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.06.14 22.44		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.06.14 22.44		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.06.14 22.44	M1	1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	04.06.14 22.44		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.06.14 22.44		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.06.14 22.44		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.06.14 22.44		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.06.14 22.44		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.06.14 22.44		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.06.14 22.44		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.06.14 22.44		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.06.14 22.44		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.06.14 22.44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	69-133	04.06.14 22.44	
1,2-Dichloroethane-D4	17060-07-0	100	%	66-139	04.06.14 22.44	
Toluene-D8	2037-26-5	99	%	70-130	04.06.14 22.44	
4-Bromofluorobenzene	460-00-4	90	%	70-135	04.06.14 22.44	

Final 1.000

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-86** Matrix: Water Date Received:03.28.14 10.40
Lab Sample Id: 482208-003 Date Collected: 03.28.14 08.57

Analytical Method: Total Metals by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 13.10
Seq Number: 938417 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 23.03		1

Analytical Method: Metals, Dissolved, by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 14.31
Seq Number: 938350 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 10.14		1

Analytical Method: Chromium Hexavalent by SM 3500 Cr-D
Tech: KUI % Moisture:
Analyst: TNL
Seq Number: 937365

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium, Hexavalent	18540-29-9	<0.00500	0.00500	mg/L	03.28.14 15.45		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-86**
Lab Sample Id: 482208-003

Matrix: Water
Date Collected: 03.28.14 08.57

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.06.14 23.09	L1	1
Benzene	71-43-2	<0.500	0.500	ug/L	04.06.14 23.09		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.06.14 23.09		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.06.14 23.09		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.06.14 23.09		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.06.14 23.09		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.06.14 23.09		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.06.14 23.09		1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.06.14 23.09		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.06.14 23.09		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.06.14 23.09		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.06.14 23.09		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.06.14 23.09		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.06.14 23.09		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.06.14 23.09		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.06.14 23.09		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.06.14 23.09		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.06.14 23.09		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.06.14 23.09		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.06.14 23.09		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.06.14 23.09		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.06.14 23.09		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.06.14 23.09		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.06.14 23.09		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.06.14 23.09		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.06.14 23.09		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.06.14 23.09		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.06.14 23.09		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.06.14 23.09		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.06.14 23.09		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.06.14 23.09		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	04.06.14 23.09		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.06.14 23.09		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.06.14 23.09		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.06.14 23.09		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.06.14 23.09		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.06.14 23.09		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.06.14 23.09		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.06.14 23.09		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-86**
Lab Sample Id: 482208-003

Matrix: Water
Date Collected: 03.28.14 08.57

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.06.14 23.09		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.06.14 23.09		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.06.14 23.09		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.06.14 23.09		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.06.14 23.09		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.06.14 23.09		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.06.14 23.09		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.06.14 23.09		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.06.14 23.09		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.06.14 23.09		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.06.14 23.09		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.06.14 23.09		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.06.14 23.09		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	04.06.14 23.09		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.06.14 23.09		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.06.14 23.09		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.06.14 23.09		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.06.14 23.09		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.06.14 23.09		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	04.06.14 23.09		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.06.14 23.09		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.06.14 23.09		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.06.14 23.09		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.06.14 23.09		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.06.14 23.09		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.06.14 23.09		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.06.14 23.09		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.06.14 23.09		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.06.14 23.09		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	69-133	04.06.14 23.09	
1,2-Dichloroethane-D4	17060-07-0	102	%	66-139	04.06.14 23.09	
Toluene-D8	2037-26-5	100	%	70-130	04.06.14 23.09	
4-Bromofluorobenzene	460-00-4	90	%	70-135	04.06.14 23.09	

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-85** Matrix: Water Date Received:03.28.14 10.40

Lab Sample Id: 482208-004 Date Collected: 03.28.14 09.16

Analytical Method: Total Metals by EPA 6010B Prep Method: SW3010A

Tech: MLI % Moisture:

Analyst: MKO Date Prep: 04.03.14 13.10

Seq Number: 938417 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 23.09		1

Analytical Method: Metals, Dissolved, by EPA 6010B Prep Method: SW3010A

Tech: MLI % Moisture:

Analyst: MKO Date Prep: 04.03.14 14.31

Seq Number: 938350 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 10.20		1

Analytical Method: Chromium Hexavalent by SM 3500 Cr-D

Tech: KUI % Moisture:

Analyst: TNL

Seq Number: 937365

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium, Hexavalent	18540-29-9	<0.00500	0.00500	mg/L	03.28.14 15.45		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-85**
Lab Sample Id: 482208-004

Matrix: Water
Date Collected: 03.28.14 09.16

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.06.14 23.35	L1	1
Benzene	71-43-2	<0.500	0.500	ug/L	04.06.14 23.35		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.06.14 23.35		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.06.14 23.35		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.06.14 23.35		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.06.14 23.35		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.06.14 23.35		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.06.14 23.35		1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.06.14 23.35		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.06.14 23.35		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.06.14 23.35		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.06.14 23.35		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.06.14 23.35		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.06.14 23.35		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.06.14 23.35		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.06.14 23.35		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.06.14 23.35		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.06.14 23.35		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.06.14 23.35		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.06.14 23.35		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.06.14 23.35		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.06.14 23.35		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.06.14 23.35		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.06.14 23.35		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.06.14 23.35		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.06.14 23.35		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.06.14 23.35		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.06.14 23.35		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.06.14 23.35		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.06.14 23.35		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.06.14 23.35		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	04.06.14 23.35		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.06.14 23.35		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.06.14 23.35		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.06.14 23.35		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.06.14 23.35		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.06.14 23.35		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.06.14 23.35		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.06.14 23.35		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-85**
Lab Sample Id: 482208-004

Matrix: Water
Date Collected: 03.28.14 09.16

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.06.14 23.35		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.06.14 23.35		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.06.14 23.35		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.06.14 23.35		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.06.14 23.35		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.06.14 23.35		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.06.14 23.35		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.06.14 23.35		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.06.14 23.35		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.06.14 23.35		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.06.14 23.35		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.06.14 23.35		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.06.14 23.35		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	04.06.14 23.35		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.06.14 23.35		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.06.14 23.35		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.06.14 23.35		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.06.14 23.35		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.06.14 23.35		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	04.06.14 23.35		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.06.14 23.35		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.06.14 23.35		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.06.14 23.35		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.06.14 23.35		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.06.14 23.35		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.06.14 23.35		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.06.14 23.35		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.06.14 23.35		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.06.14 23.35		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	97	%	69-133	04.06.14 23.35	
1,2-Dichloroethane-D4	17060-07-0	102	%	66-139	04.06.14 23.35	
Toluene-D8	2037-26-5	98	%	70-130	04.06.14 23.35	
4-Bromofluorobenzene	460-00-4	91	%	70-135	04.06.14 23.35	

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-84** Matrix: Water Date Received:03.28.14 10.40
Lab Sample Id: 482208-005 Date Collected: 03.28.14 09.36

Analytical Method: Total Metals by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 13.10
Seq Number: 938417 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 23.16		1

Analytical Method: Metals, Dissolved, by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 14.31
Seq Number: 938350 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 10.27		1

Analytical Method: Chromium Hexavalent by SM 3500 Cr-D
Tech: KUI % Moisture:
Analyst: TNL
Seq Number: 937365

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium, Hexavalent	18540-29-9	**0.00600**	0.00500	mg/L	03.28.14 15.45		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-84**
Lab Sample Id: 482208-005

Matrix: Water
Date Collected: 03.28.14 09.36

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.07.14 00.00	L1	1
Benzene	71-43-2	<0.500	0.500	ug/L	04.07.14 00.00		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.07.14 00.00		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.07.14 00.00		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.07.14 00.00		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.07.14 00.00		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.07.14 00.00		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.07.14 00.00		1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.07.14 00.00		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.07.14 00.00		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.07.14 00.00		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.07.14 00.00		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.07.14 00.00		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.07.14 00.00		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.07.14 00.00		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.07.14 00.00		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.07.14 00.00		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.07.14 00.00		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.07.14 00.00		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.07.14 00.00		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.07.14 00.00		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.07.14 00.00		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.07.14 00.00		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.07.14 00.00		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.07.14 00.00		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.07.14 00.00		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.07.14 00.00		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.07.14 00.00		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.07.14 00.00		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.07.14 00.00		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.07.14 00.00		1
1,1-Dichloroethene	75-35-4	**1.08**	0.500	ug/L	04.07.14 00.00		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.07.14 00.00		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.07.14 00.00		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.07.14 00.00		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.07.14 00.00		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.07.14 00.00		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.07.14 00.00		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.07.14 00.00		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-84**
Lab Sample Id: 482208-005

Matrix: Water
Date Collected: 03.28.14 09.36

Date Received:03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.07.14 00.00		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.07.14 00.00		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.07.14 00.00		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.07.14 00.00		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.07.14 00.00		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.07.14 00.00		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.07.14 00.00		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.07.14 00.00		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.07.14 00.00		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.07.14 00.00		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.07.14 00.00		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.07.14 00.00		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.07.14 00.00		1
Tetrachloroethylene	127-18-4	**8.04**	0.500	ug/L	04.07.14 00.00		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.07.14 00.00		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.07.14 00.00		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.07.14 00.00		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.07.14 00.00		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.07.14 00.00		1
Trichloroethene	79-01-6	**1.26**	0.500	ug/L	04.07.14 00.00		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.07.14 00.00		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.07.14 00.00		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.07.14 00.00		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.07.14 00.00		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.07.14 00.00		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.07.14 00.00		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.07.14 00.00		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.07.14 00.00		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.07.14 00.00		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	96	%	69-133	04.07.14 00.00	
1,2-Dichloroethane-D4	17060-07-0	102	%	66-139	04.07.14 00.00	
Toluene-D8	2037-26-5	98	%	70-130	04.07.14 00.00	
4-Bromofluorobenzene	460-00-4	89	%	70-135	04.07.14 00.00	

Final 1.000

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-81** Matrix: Water Date Received:03.28.14 10.40
Lab Sample Id: 482208-006 Date Collected: 03.28.14 09.40

Analytical Method: Total Metals by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 13.10
Seq Number: 938417 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 23.22		1

Analytical Method: Metals, Dissolved, by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 14.31
Seq Number: 938350 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	<0.0100	0.0100	mg/L	04.11.14 10.33		1

Analytical Method: Chromium Hexavalent by SM 3500 Cr-D
Tech: KUI % Moisture:
Analyst: TNL
Seq Number: 937365

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium, Hexavalent	18540-29-9	**0.00500**	0.00500	mg/L	03.28.14 15.45		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-81**
Lab Sample Id: 482208-006

Matrix: Water
Date Collected: 03.28.14 09.40

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.07.14 00.26	L1	1
Benzene	71-43-2	<0.500	0.500	ug/L	04.07.14 00.26		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.07.14 00.26		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.07.14 00.26		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.07.14 00.26		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.07.14 00.26		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.07.14 00.26		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.07.14 00.26		1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.07.14 00.26		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.07.14 00.26		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.07.14 00.26		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.07.14 00.26		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.07.14 00.26		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.07.14 00.26		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.07.14 00.26		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.07.14 00.26		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.07.14 00.26		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.07.14 00.26		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.07.14 00.26		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.07.14 00.26		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.07.14 00.26		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.07.14 00.26		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.07.14 00.26		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.07.14 00.26		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.07.14 00.26		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.07.14 00.26		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.07.14 00.26		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.07.14 00.26		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.07.14 00.26		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.07.14 00.26		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.07.14 00.26		1
1,1-Dichloroethene	75-35-4	**1.08**	0.500	ug/L	04.07.14 00.26		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.07.14 00.26		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.07.14 00.26		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.07.14 00.26		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.07.14 00.26		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.07.14 00.26		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.07.14 00.26		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.07.14 00.26		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-81**
Lab Sample Id: 482208-006

Matrix: Water
Date Collected: 03.28.14 09.40

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 937933

Date Prep: 04.06.14 14.52

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.07.14 00.26		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.07.14 00.26		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.07.14 00.26		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.07.14 00.26		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.07.14 00.26		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.07.14 00.26		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.07.14 00.26		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.07.14 00.26		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.07.14 00.26		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.07.14 00.26		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.07.14 00.26		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.07.14 00.26		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.07.14 00.26		1
Tetrachloroethylene	127-18-4	**8.20**	0.500	ug/L	04.07.14 00.26		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.07.14 00.26		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.07.14 00.26		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.07.14 00.26		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.07.14 00.26		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.07.14 00.26		1
Trichloroethene	79-01-6	**1.21**	0.500	ug/L	04.07.14 00.26		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.07.14 00.26		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.07.14 00.26		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.07.14 00.26		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.07.14 00.26		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.07.14 00.26		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.07.14 00.26		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.07.14 00.26		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.07.14 00.26		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.07.14 00.26		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	96	%	69-133	04.07.14 00.26	
1,2-Dichloroethane-D4	17060-07-0	102	%	66-139	04.07.14 00.26	
Toluene-D8	2037-26-5	97	%	70-130	04.07.14 00.26	
4-Bromofluorobenzene	460-00-4	89	%	70-135	04.07.14 00.26	

Final 1.000

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82** Matrix: Water Date Received:03.28.14 10.40
Lab Sample Id: 482208-007 Date Collected: 03.28.14 10.07

Analytical Method: Total Metals by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 13.10
Seq Number: 938417 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	**0.0147**	0.0100	mg/L	04.11.14 23.29		1

Analytical Method: Metals, Dissolved, by EPA 6010B Prep Method: SW3010A
Tech: MLI % Moisture:
Analyst: MKO Date Prep: 04.03.14 14.31
Seq Number: 938350 SUB: AZ0765

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium	7440-47-3	**0.0144**	0.0100	mg/L	04.11.14 10.40		1

Analytical Method: Chromium Hexavalent by SM 3500 Cr-D
Tech: KUI % Moisture:
Analyst: TNL
Seq Number: 937365

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chromium, Hexavalent	18540-29-9	**0.0140**	0.00500	mg/L	03.28.14 15.45		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82**
Lab Sample Id: 482208-007

Matrix: Water
Date Collected: 03.28.14 10.07

Date Received: 03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 938121

Date Prep: 04.08.14 12.16

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	04.08.14 17.04		1
Benzene	71-43-2	<0.500	0.500	ug/L	04.08.14 17.04		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	04.08.14 17.04		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	04.08.14 17.04		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	04.08.14 17.04		1
Bromoform	75-25-2	<1.00	1.00	ug/L	04.08.14 17.04		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	04.08.14 17.04	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	04.08.14 17.04		1
MTBE	1634-04-4	<2.00	2.00	ug/L	04.08.14 17.04		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	04.08.14 17.04		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	04.08.14 17.04		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	04.08.14 17.04		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	04.08.14 17.04		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	04.08.14 17.04		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	04.08.14 17.04		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	04.08.14 17.04		1
Chloroform	67-66-3	<0.500	0.500	ug/L	04.08.14 17.04		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	04.08.14 17.04		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	04.08.14 17.04		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	04.08.14 17.04		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	04.08.14 17.04		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	04.08.14 17.04		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	04.08.14 17.04		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	04.08.14 17.04		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	04.08.14 17.04		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	04.08.14 17.04		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	04.08.14 17.04		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	04.08.14 17.04		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	04.08.14 17.04		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	04.08.14 17.04		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	04.08.14 17.04		1
1,1-Dichloroethene	75-35-4	**1.14**	0.500	ug/L	04.08.14 17.04		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	04.08.14 17.04		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	04.08.14 17.04		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	04.08.14 17.04		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	04.08.14 17.04	M1	1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	04.08.14 17.04		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	04.08.14 17.04		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	04.08.14 17.04		1

Certificate of Analytical Results 482208

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82**
Lab Sample Id: 482208-007

Matrix: Water
Date Collected: 03.28.14 10.07

Date Received:03.28.14 10.40

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 938121

Date Prep: 04.08.14 12.16

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	04.08.14 17.04		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	04.08.14 17.04		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	04.08.14 17.04		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	04.08.14 17.04	V1	1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	04.08.14 17.04		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	04.08.14 17.04		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	04.08.14 17.04		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	04.08.14 17.04		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	04.08.14 17.04		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	04.08.14 17.04		1
Styrene	100-42-5	<1.00	1.00	ug/L	04.08.14 17.04		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	04.08.14 17.04		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	04.08.14 17.04		1
Tetrachloroethylene	127-18-4	**3.53**	0.500	ug/L	04.08.14 17.04		1
Toluene	108-88-3	<2.00	2.00	ug/L	04.08.14 17.04		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	04.08.14 17.04		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	04.08.14 17.04		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	04.08.14 17.04		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	04.08.14 17.04	M1	1
Trichloroethene	79-01-6	**1.22**	0.500	ug/L	04.08.14 17.04		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	04.08.14 17.04		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	04.08.14 17.04		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	04.08.14 17.04		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	04.08.14 17.04		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	04.08.14 17.04		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	04.08.14 17.04		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	04.08.14 17.04		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	04.08.14 17.04		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	04.08.14 17.04		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	69-133	04.08.14 17.04	
1,2-Dichloroethane-D4	17060-07-0	103	%	66-139	04.08.14 17.04	
Toluene-D8	2037-26-5	98	%	70-130	04.08.14 17.04	
4-Bromofluorobenzene	460-00-4	92	%	70-135	04.08.14 17.04	

QC Summary 482208

Terranext
WVBA

Analytical Method: **Total Metals by EPA 6010B** Prep Method: SW3010A
Seq Number: 938417 Matrix: Water Date Prep: 04.03.14
MB Sample Id: 653454-1-BLK LCS Sample Id: 653454-1-BKS LCSD Sample Id: 653454-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chromium	<0.0100	1.00	1.05	105	1.06	106	80-120	1	20	mg/L	04.11.14 21:24	

Analytical Method: **Total Metals by EPA 6010B** Prep Method: SW3010A
Seq Number: 938417 Matrix: Solid Date Prep: 04.03.14
Parent Sample Id: 482285-001 MS Sample Id: 482285-001 S MSD Sample Id: 482285-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chromium	<0.0500	5.00	5.20	104	5.21	104	75-125	0	20	mg/L	04.11.14 21:43	

Analytical Method: **Metals, Dissolved, by EPA 6010B** Prep Method: SW3010A
Seq Number: 938350 Matrix: Water Date Prep: 04.03.14
MB Sample Id: 653452-1-BLK LCS Sample Id: 653452-1-BKS LCSD Sample Id: 653452-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chromium	<0.0100	1.00	1.09	109	1.11	111	80-120	2	20	mg/L	04.11.14 07:56	

Analytical Method: **Metals, Dissolved, by EPA 6010B** Prep Method: SW3010A
Seq Number: 938350 Matrix: Water Date Prep: 04.03.14
Parent Sample Id: 482071-002 MS Sample Id: 482071-002 S MSD Sample Id: 482071-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chromium	<0.0100	1.00	1.07	107	1.03	103	75-125	4	20	mg/L	04.11.14 08:28	

Analytical Method: **Chromium Hexavalent by SM 3500 Cr-D**
Seq Number: 937365 Matrix: Water
MB Sample Id: 937365-1-BLK LCS Sample Id: 937365-1-BKS LCSD Sample Id: 937365-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chromium, Hexavalent	<0.00500	0.100	0.102	102	0.102	102	81-119	0	20	mg/L	03.28.14 15:45	

Analytical Method: **Chromium Hexavalent by SM 3500 Cr-D**
Seq Number: 937365 Matrix: Water
Parent Sample Id: 482208-007 MS Sample Id: 482208-007 S MSD Sample Id: 482208-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chromium, Hexavalent	0.0140	0.100	0.115	101	0.114	100	36-153	1	20	mg/L	03.28.14 15:45	

QC Summary 482208

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 937933 Matrix: Water Date Prep: 04.06.14
MB Sample Id: 653545-1-BLK LCS Sample Id: 653545-1-BKS LCSD Sample Id: 653545-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	40.0	68.8	172	48.7	122	55-165	34	28	ug/L	04.06.14 16:19	L1R2
Benzene	<0.500	20.0	20.3	102	20.2	101	70-130	0	20	ug/L	04.06.14 16:19	
Bromobenzene	<1.50	20.0	20.2	101	19.6	98	70-130	3	20	ug/L	04.06.14 16:19	
Bromochloromethane	<0.500	20.0	20.8	104	20.6	103	67-125	1	24	ug/L	04.06.14 16:19	
Bromodichloromethane	<0.500	20.0	19.2	96	18.9	95	70-130	2	20	ug/L	04.06.14 16:19	
Bromoform	<1.00	20.0	17.6	88	18.1	91	69-130	3	20	ug/L	04.06.14 16:19	
Bromomethane	<5.00	20.0	20.0	100	21.4	107	58-138	7	25	ug/L	04.06.14 16:19	
2-Butanone	<5.00	40.0	53.0	133	44.4	111	58-146	18	27	ug/L	04.06.14 16:19	
MTBE	<2.00	20.0	20.0	100	19.8	99	70-130	1	21	ug/L	04.06.14 16:19	
n-Butylbenzene	<2.50	20.0	19.6	98	19.2	96	58-128	2	20	ug/L	04.06.14 16:19	
Sec-Butylbenzene	<1.50	20.0	19.3	97	18.9	95	61-133	2	20	ug/L	04.06.14 16:19	
tert-Butylbenzene	<2.50	20.0	20.1	101	19.9	100	65-128	1	20	ug/L	04.06.14 16:19	
Carbon Disulfide	<0.500	20.0	20.1	101	20.1	101	59-138	0	22	ug/L	04.06.14 16:19	
Carbon Tetrachloride	<0.500	20.0	19.6	98	19.9	100	57-140	2	21	ug/L	04.06.14 16:19	
Chlorobenzene	<0.500	20.0	20.9	105	20.8	104	70-130	0	20	ug/L	04.06.14 16:19	
Chloroethane	<4.00	20.0	21.7	109	22.2	111	60-146	2	24	ug/L	04.06.14 16:19	
Chloroform	<0.500	20.0	20.9	105	21.2	106	66-128	1	24	ug/L	04.06.14 16:19	
Chloromethane	<5.00	20.0	19.9	100	21.8	109	47-144	9	26	ug/L	04.06.14 16:19	
2-Chlorotoluene	<1.50	20.0	20.3	102	20.2	101	70-130	0	20	ug/L	04.06.14 16:19	
4-Chlorotoluene	<2.00	20.0	20.2	101	19.8	99	70-130	2	28	ug/L	04.06.14 16:19	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	19.2	96	19.0	95	67-135	1	20	ug/L	04.06.14 16:19	
Dibromochloromethane	<0.500	20.0	19.2	96	19.5	98	70-130	2	20	ug/L	04.06.14 16:19	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	18.8	94	18.7	94	60-128	1	21	ug/L	04.06.14 16:19	
1,2-Dibromoethane	<0.500	20.0	19.1	96	19.7	99	70-130	3	20	ug/L	04.06.14 16:19	
Dibromomethane	<0.500	20.0	20.9	105	20.5	103	70-130	2	23	ug/L	04.06.14 16:19	
1,2-Dichlorobenzene	<1.50	20.0	20.8	104	20.3	102	70-130	2	20	ug/L	04.06.14 16:19	
1,3-Dichlorobenzene	<1.50	20.0	20.8	104	21.1	106	70-130	1	20	ug/L	04.06.14 16:19	
1,4-Dichlorobenzene	<1.50	20.0	20.7	104	20.2	101	70-130	2	20	ug/L	04.06.14 16:19	
Dichlorodifluoromethane	<2.00	20.0	19.6	98	19.7	99	9-134	1	27	ug/L	04.06.14 16:19	
1,1-Dichloroethane	<0.500	20.0	21.4	107	21.5	108	66-132	0	20	ug/L	04.06.14 16:19	
1,2-Dichloroethane	<0.500	20.0	20.0	100	19.4	97	70-130	3	20	ug/L	04.06.14 16:19	
1,1-Dichloroethene	<0.500	20.0	20.3	102	20.6	103	58-144	1	21	ug/L	04.06.14 16:19	
cis-1,2-Dichloroethene	<0.500	20.0	19.9	100	20.0	100	67-129	1	24	ug/L	04.06.14 16:19	
trans-1,2-dichloroethene	<0.500	20.0	20.4	102	20.3	102	63-137	0	21	ug/L	04.06.14 16:19	
1,2-Dichloropropane	<0.500	20.0	22.1	111	21.8	109	70-130	1	20	ug/L	04.06.14 16:19	
1,3-Dichloropropane	<1.00	20.0	21.3	107	21.8	109	70-130	2	20	ug/L	04.06.14 16:19	
2,2-Dichloropropane	<0.500	20.0	20.1	101	20.1	101	60-141	0	24	ug/L	04.06.14 16:19	
1,1-Dichloropropene	<1.00	20.0	20.6	103	20.7	104	64-135	0	20	ug/L	04.06.14 16:19	
cis-1,3-Dichloropropene	<1.00	20.0	19.9	100	19.5	98	70-130	2	20	ug/L	04.06.14 16:19	
trans-1,3-dichloropropene	<0.500	20.0	20.8	104	21.4	107	70-130	3	20	ug/L	04.06.14 16:19	
Ethylbenzene	<2.00	20.0	22.4	112	22.9	115	70-130	2	20	ug/L	04.06.14 16:19	
Hexachlorobutadiene	<5.00	20.0	20.0	100	19.8	99	54-145	1	22	ug/L	04.06.14 16:19	
2-Hexanone	<5.00	40.0	47.9	120	44.9	112	65-129	6	20	ug/L	04.06.14 16:19	
isopropylbenzene	<2.50	20.0	20.5	103	21.2	106	70-130	3	20	ug/L	04.06.14 16:19	
Methylene Chloride	<3.00	20.0	19.5	98	19.8	99	61-127	2	20	ug/L	04.06.14 16:19	
Iodomethane (Methyl Iodide)	<2.00	20.0	20.3	102	20.4	102	68-128	0	22	ug/L	04.06.14 16:19	
4-Methyl-2-Pentanone	<5.00	40.0	40.0	100	40.1	100	67-131	0	21	ug/L	04.06.14 16:19	
Naphthalene	<5.00	20.0	20.2	101	19.4	97	64-133	4	27	ug/L	04.06.14 16:19	
n-Propylbenzene	<2.00	20.0	19.6	98	19.5	98	65-128	1	20	ug/L	04.06.14 16:19	
Styrene	<1.00	20.0	19.1	96	19.7	99	70-130	3	20	ug/L	04.06.14 16:19	
1,1,1,2-Tetrachloroethane	<0.500	20.0	21.4	107	21.4	107	70-130	0	20	ug/L	04.06.14 16:19	
1,1,2,2-Tetrachloroethane	<0.500	20.0	20.9	105	21.6	108	70-130	3	20	ug/L	04.06.14 16:19	

QC Summary 482208

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 937933 Matrix: Water Date Prep: 04.06.14
MB Sample Id: 653545-1-BLK LCS Sample Id: 653545-1-BKS LCSD Sample Id: 653545-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	<0.500	20.0	20.3	102	21.4	107	63-127	5	20	ug/L	04.06.14 16:19	
Toluene	<2.00	20.0	19.3	97	20.1	101	70-130	4	20	ug/L	04.06.14 16:19	
1,2,3-Trichlorobenzene	<5.00	20.0	20.2	101	19.6	98	66-131	3	27	ug/L	04.06.14 16:19	
1,2,4-Trichlorobenzene	<5.00	20.0	19.2	96	18.7	94	69-127	3	20	ug/L	04.06.14 16:19	
1,1,1-Trichloroethane	<0.500	20.0	19.4	97	19.4	97	62-133	0	20	ug/L	04.06.14 16:19	
1,1,2-Trichloroethane	<0.500	20.0	21.1	106	21.8	109	70-130	3	20	ug/L	04.06.14 16:19	
Trichloroethene	<0.500	20.0	19.7	99	19.8	99	70-130	1	20	ug/L	04.06.14 16:19	
Trichlorofluoromethane	<2.00	20.0	20.1	101	20.4	102	45-151	1	22	ug/L	04.06.14 16:19	
1,2,3-Trichloropropane	<1.00	20.0	19.8	99	19.7	99	70-130	1	20	ug/L	04.06.14 16:19	
1,2,4-Trimethylbenzene	<2.00	20.0	20.0	100	19.9	100	70-130	1	20	ug/L	04.06.14 16:19	
1,3,5-Trimethylbenzene	<1.50	20.0	20.0	100	19.8	99	70-130	1	20	ug/L	04.06.14 16:19	
o-Xylene	<1.00	20.0	21.1	106	21.9	110	70-130	4	20	ug/L	04.06.14 16:19	
m,p-Xylenes	<2.00	40.0	42.6	107	43.6	109	70-130	2	20	ug/L	04.06.14 16:19	
Vinyl Acetate	<5.00	20.0	20.6	103	20.6	103	52-142	0	22	ug/L	04.06.14 16:19	
Vinyl Chloride	<0.500	20.0	19.7	99	21.2	106	43-120	7	25	ug/L	04.06.14 16:19	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	97		96		97		69-133	%	04.06.14 16:19
1,2-Dichloroethane-D4	99		102		99		66-139	%	04.06.14 16:19
Toluene-D8	100		99		98		70-130	%	04.06.14 16:19
4-Bromofluorobenzene	91		94		96		70-135	%	04.06.14 16:19

QC Summary 482208

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 938121 Matrix: Water Date Prep: 04.08.14
MB Sample Id: 653653-1-BLK LCS Sample Id: 653653-1-BKS LCSD Sample Id: 653653-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	40.0	52.7	132	44.5	111	55-165	17	28	ug/L	04.08.14 16:15	
Benzene	<0.500	20.0	21.1	106	21.7	109	70-130	3	20	ug/L	04.08.14 16:15	
Bromobenzene	<1.50	20.0	21.7	109	21.5	108	70-130	1	20	ug/L	04.08.14 16:15	
Bromochloromethane	<0.500	20.0	22.1	111	22.1	111	67-125	0	24	ug/L	04.08.14 16:15	
Bromodichloromethane	<0.500	20.0	20.2	101	20.1	101	70-130	0	20	ug/L	04.08.14 16:15	
Bromoform	<1.00	20.0	19.4	97	19.6	98	69-130	1	20	ug/L	04.08.14 16:15	
Bromomethane	<5.00	20.0	29.3	147	31.4	157	58-138	7	25	ug/L	04.08.14 16:15	N1
2-Butanone	<5.00	40.0	47.9	120	48.4	121	58-146	1	27	ug/L	04.08.14 16:15	
MTBE	<2.00	20.0	21.2	106	21.5	108	70-130	1	21	ug/L	04.08.14 16:15	
n-Butylbenzene	<2.50	20.0	21.1	106	20.9	105	58-128	1	20	ug/L	04.08.14 16:15	
Sec-Butylbenzene	<1.50	20.0	20.4	102	20.6	103	61-133	1	20	ug/L	04.08.14 16:15	
tert-Butylbenzene	<2.50	20.0	21.5	108	21.3	107	65-128	1	20	ug/L	04.08.14 16:15	
Carbon Disulfide	<0.500	20.0	18.7	94	19.3	97	59-138	3	22	ug/L	04.08.14 16:15	
Carbon Tetrachloride	<0.500	20.0	19.5	98	20.0	100	57-140	3	21	ug/L	04.08.14 16:15	
Chlorobenzene	<0.500	20.0	22.6	113	22.6	113	70-130	0	20	ug/L	04.08.14 16:15	
Chloroethane	<4.00	20.0	26.6	133	27.3	137	60-146	3	24	ug/L	04.08.14 16:15	
Chloroform	<0.500	20.0	22.6	113	22.7	114	66-128	0	24	ug/L	04.08.14 16:15	
Chloromethane	<5.00	20.0	17.1	86	18.3	92	47-144	7	26	ug/L	04.08.14 16:15	
2-Chlorotoluene	<1.50	20.0	22.6	113	21.8	109	70-130	4	20	ug/L	04.08.14 16:15	
4-Chlorotoluene	<2.00	20.0	21.8	109	22.0	110	70-130	1	28	ug/L	04.08.14 16:15	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	20.4	102	20.5	103	67-135	0	20	ug/L	04.08.14 16:15	
Dibromochloromethane	<0.500	20.0	20.2	101	20.6	103	70-130	2	20	ug/L	04.08.14 16:15	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	20.3	102	20.8	104	60-128	2	21	ug/L	04.08.14 16:15	
1,2-Dibromoethane	<0.500	20.0	20.9	105	20.7	104	70-130	1	20	ug/L	04.08.14 16:15	
Dibromomethane	<0.500	20.0	22.2	111	22.8	114	70-130	3	23	ug/L	04.08.14 16:15	
1,2-Dichlorobenzene	<1.50	20.0	22.6	113	22.3	112	70-130	1	20	ug/L	04.08.14 16:15	
1,3-Dichlorobenzene	<1.50	20.0	23.5	118	22.2	111	70-130	6	20	ug/L	04.08.14 16:15	
1,4-Dichlorobenzene	<1.50	20.0	21.7	109	22.8	114	70-130	5	20	ug/L	04.08.14 16:15	
Dichlorodifluoromethane	<2.00	20.0	13.4	67	13.5	68	9-134	1	27	ug/L	04.08.14 16:15	
1,1-Dichloroethane	<0.500	20.0	20.6	103	22.9	115	66-132	11	20	ug/L	04.08.14 16:15	
1,2-Dichloroethane	<0.500	20.0	20.9	105	21.5	108	70-130	3	20	ug/L	04.08.14 16:15	
1,1-Dichloroethene	<0.500	20.0	20.4	102	20.8	104	58-144	2	21	ug/L	04.08.14 16:15	
cis-1,2-Dichloroethene	<0.500	20.0	21.4	107	21.6	108	67-129	1	24	ug/L	04.08.14 16:15	
trans-1,2-dichloroethene	<0.500	20.0	21.0	105	21.5	108	63-137	2	21	ug/L	04.08.14 16:15	
1,2-Dichloropropane	<0.500	20.0	23.8	119	23.8	119	70-130	0	20	ug/L	04.08.14 16:15	
1,3-Dichloropropane	<1.00	20.0	23.9	120	23.5	118	70-130	2	20	ug/L	04.08.14 16:15	
2,2-Dichloropropane	<0.500	20.0	21.2	106	21.8	109	60-141	3	24	ug/L	04.08.14 16:15	
1,1-Dichloropropene	<1.00	20.0	21.1	106	21.5	108	64-135	2	20	ug/L	04.08.14 16:15	
cis-1,3-Dichloropropene	<1.00	20.0	21.3	107	21.3	107	70-130	0	20	ug/L	04.08.14 16:15	
trans-1,3-dichloropropene	<0.500	20.0	22.6	113	22.5	113	70-130	0	20	ug/L	04.08.14 16:15	
Ethylbenzene	<2.00	20.0	24.0	120	24.2	121	70-130	1	20	ug/L	04.08.14 16:15	
Hexachlorobutadiene	<5.00	20.0	21.6	108	21.7	109	54-145	0	22	ug/L	04.08.14 16:15	
2-Hexanone	<5.00	40.0	47.2	118	47.3	118	65-129	0	20	ug/L	04.08.14 16:15	V1
isopropylbenzene	<2.50	20.0	22.4	112	22.3	112	70-130	0	20	ug/L	04.08.14 16:15	
Methylene Chloride	<3.00	20.0	20.6	103	21.0	105	61-127	2	20	ug/L	04.08.14 16:15	
Iodomethane (Methyl Iodide)	<2.00	20.0	19.6	98	20.2	101	68-128	3	22	ug/L	04.08.14 16:15	
4-Methyl-2-Pentanone	<5.00	40.0	43.6	109	44.5	111	67-131	2	21	ug/L	04.08.14 16:15	
Naphthalene	<5.00	20.0	17.8	89	16.5	83	64-133	8	27	ug/L	04.08.14 16:15	
n-Propylbenzene	<2.00	20.0	21.3	107	21.2	106	65-128	0	20	ug/L	04.08.14 16:15	
Styrene	<1.00	20.0	20.8	104	20.8	104	70-130	0	20	ug/L	04.08.14 16:15	
1,1,1,2-Tetrachloroethane	<0.500	20.0	23.0	115	22.8	114	70-130	1	20	ug/L	04.08.14 16:15	
1,1,2,2-Tetrachloroethane	<0.500	20.0	23.0	115	23.1	116	70-130	0	20	ug/L	04.08.14 16:15	

QC Summary 482208

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 938121 Matrix: Water Date Prep: 04.08.14
MB Sample Id: 653653-1-BLK LCS Sample Id: 653653-1-BKS LCSD Sample Id: 653653-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	<0.500	20.0	22.0	110	22.0	110	63-127	0	20	ug/L	04.08.14 16:15	
Toluene	<2.00	20.0	20.7	104	20.8	104	70-130	0	20	ug/L	04.08.14 16:15	
1,2,3-Trichlorobenzene	<5.00	20.0	20.1	101	19.3	97	66-131	4	27	ug/L	04.08.14 16:15	
1,2,4-Trichlorobenzene	<5.00	20.0	19.4	97	18.5	93	69-127	5	20	ug/L	04.08.14 16:15	
1,1,1-Trichloroethane	<0.500	20.0	20.3	102	20.8	104	62-133	2	20	ug/L	04.08.14 16:15	
1,1,2-Trichloroethane	<0.500	20.0	23.2	116	23.3	117	70-130	0	20	ug/L	04.08.14 16:15	
Trichloroethene	<0.500	20.0	20.7	104	21.1	106	70-130	2	20	ug/L	04.08.14 16:15	
Trichlorofluoromethane	<2.00	20.0	19.3	97	20.2	101	45-151	5	22	ug/L	04.08.14 16:15	
1,2,3-Trichloropropane	<1.00	20.0	22.0	110	22.3	112	70-130	1	20	ug/L	04.08.14 16:15	
1,2,4-Trimethylbenzene	<2.00	20.0	21.5	108	21.4	107	70-130	0	20	ug/L	04.08.14 16:15	
1,3,5-Trimethylbenzene	<1.50	20.0	21.9	110	21.7	109	70-130	1	20	ug/L	04.08.14 16:15	
o-Xylene	<1.00	20.0	22.8	114	22.8	114	70-130	0	20	ug/L	04.08.14 16:15	
m,p-Xylenes	<2.00	40.0	45.6	114	46.2	116	70-130	1	20	ug/L	04.08.14 16:15	
Vinyl Acetate	<5.00	20.0	15.7	79	18.4	92	52-142	16	22	ug/L	04.08.14 16:15	
Vinyl Chloride	<0.500	20.0	20.7	104	22.5	113	43-120	8	25	ug/L	04.08.14 16:15	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	95		96		95		69-133	%	04.08.14 16:15
1,2-Dichloroethane-D4	98		98		98		66-139	%	04.08.14 16:15
Toluene-D8	98		96		96		70-130	%	04.08.14 16:15
4-Bromofluorobenzene	90		96		94		70-135	%	04.08.14 16:15

QC Summary 482208

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 937933 Matrix: Water Date Prep: 04.06.14
Parent Sample Id: 482208-002 MS Sample Id: 482208-002 S MSD Sample Id: 482208-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	40.0	52.1	130	45.2	113	35-160	14	20	ug/L	04.07.14 00:52	
Benzene	<0.500	20.0	20.9	105	21.0	105	69-130	0	20	ug/L	04.07.14 00:52	
Bromobenzene	<1.50	20.0	19.8	99	20.5	103	70-130	3	20	ug/L	04.07.14 00:52	
Bromochloromethane	<0.500	20.0	22.1	111	21.1	106	63-119	5	22	ug/L	04.07.14 00:52	
Bromodichloromethane	<0.500	20.0	19.1	96	19.3	97	70-130	1	20	ug/L	04.07.14 00:52	
Bromoform	<1.00	20.0	18.0	90	17.8	89	57-121	1	20	ug/L	04.07.14 00:52	
Bromomethane	<5.00	20.0	32.8	164	18.8	94	53-141	54	22	ug/L	04.07.14 00:52	M1R2
2-Butanone	<5.00	40.0	55.7	139	46.7	117	46-136	18	22	ug/L	04.07.14 00:52	M1
MTBE	<2.00	20.0	23.6	118	21.1	106	65-127	11	20	ug/L	04.07.14 00:52	
n-Butylbenzene	<2.50	20.0	19.2	96	20.0	100	65-127	4	20	ug/L	04.07.14 00:52	
Sec-Butylbenzene	<1.50	20.0	18.6	93	19.4	97	70-130	4	20	ug/L	04.07.14 00:52	
tert-Butylbenzene	<2.50	20.0	19.4	97	20.4	102	70-130	5	20	ug/L	04.07.14 00:52	
Carbon Disulfide	<0.500	20.0	20.0	100	20.1	101	58-145	0	28	ug/L	04.07.14 00:52	
Carbon Tetrachloride	<0.500	20.0	19.1	96	19.5	98	60-152	2	20	ug/L	04.07.14 00:52	
Chlorobenzene	<0.500	20.0	20.9	105	21.3	107	70-130	2	20	ug/L	04.07.14 00:52	
Chloroethane	<4.00	20.0	23.9	120	21.6	108	59-153	10	20	ug/L	04.07.14 00:52	
Chloroform	<0.500	20.0	23.0	115	22.1	111	65-123	4	22	ug/L	04.07.14 00:52	
Chloromethane	<5.00	20.0	20.2	101	19.4	97	47-148	4	22	ug/L	04.07.14 00:52	
2-Chlorotoluene	<1.50	20.0	20.3	102	21.2	106	70-130	4	20	ug/L	04.07.14 00:52	
4-Chlorotoluene	<2.00	20.0	20.1	101	20.6	103	70-130	2	20	ug/L	04.07.14 00:52	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	18.4	92	19.2	96	70-130	4	20	ug/L	04.07.14 00:52	
Dibromochloromethane	<0.500	20.0	19.1	96	19.5	98	70-130	2	20	ug/L	04.07.14 00:52	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	20.1	101	19.3	97	50-117	4	22	ug/L	04.07.14 00:52	
1,2-Dibromoethane	<0.500	20.0	20.5	103	20.0	100	67-117	2	20	ug/L	04.07.14 00:52	
Dibromomethane	<0.500	20.0	22.1	111	21.4	107	66-115	3	20	ug/L	04.07.14 00:52	
1,2-Dichlorobenzene	<1.50	20.0	20.9	105	21.0	105	70-130	0	20	ug/L	04.07.14 00:52	
1,3-Dichlorobenzene	<1.50	20.0	20.3	102	21.5	108	70-130	6	20	ug/L	04.07.14 00:52	
1,4-Dichlorobenzene	<1.50	20.0	21.1	106	20.7	104	70-130	2	20	ug/L	04.07.14 00:52	
Dichlorodifluoromethane	<2.00	20.0	21.1	106	20.7	104	16-151	2	33	ug/L	04.07.14 00:52	
1,1-Dichloroethane	<0.500	20.0	23.5	118	22.7	114	66-129	3	20	ug/L	04.07.14 00:52	
1,2-Dichloroethane	<0.500	20.0	21.4	107	20.7	104	64-126	3	20	ug/L	04.07.14 00:52	
1,1-Dichloroethene	<0.500	20.0	21.6	108	21.3	107	65-152	1	20	ug/L	04.07.14 00:52	
cis-1,2-Dichloroethene	<0.500	20.0	21.1	106	20.6	103	66-126	2	20	ug/L	04.07.14 00:52	
trans-1,2-dichloroethene	<0.500	20.0	22.1	111	21.4	107	66-135	3	20	ug/L	04.07.14 00:52	
1,2-Dichloropropane	<0.500	20.0	23.1	116	23.0	115	70-130	0	20	ug/L	04.07.14 00:52	
1,3-Dichloropropane	<1.00	20.0	24.0	120	23.3	117	67-115	3	20	ug/L	04.07.14 00:52	M1
2,2-Dichloropropane	<0.500	20.0	21.4	107	20.6	103	62-145	4	20	ug/L	04.07.14 00:52	
1,1-Dichloropropene	<1.00	20.0	20.9	105	21.1	106	72-140	1	20	ug/L	04.07.14 00:52	
cis-1,3-Dichloropropene	<1.00	20.0	20.6	103	19.9	100	67-122	3	20	ug/L	04.07.14 00:52	
trans-1,3-dichloropropene	<0.500	20.0	22.2	111	21.9	110	70-130	1	20	ug/L	04.07.14 00:52	
Ethylbenzene	<2.00	20.0	22.7	114	23.1	116	70-130	2	20	ug/L	04.07.14 00:52	
Hexachlorobutadiene	<5.00	20.0	18.6	93	18.8	94	68-143	1	20	ug/L	04.07.14 00:52	
2-Hexanone	<5.00	40.0	52.8	132	47.8	120	52-122	10	33	ug/L	04.07.14 00:52	M1
isopropylbenzene	<2.50	20.0	20.7	104	21.7	109	70-130	5	20	ug/L	04.07.14 00:52	
Methylene Chloride	<3.00	20.0	21.4	107	20.3	102	59-121	5	20	ug/L	04.07.14 00:52	
Iodomethane (Methyl Iodide)	<2.00	20.0	22.6	113	21.3	107	66-127	6	20	ug/L	04.07.14 00:52	
4-Methyl-2-Pentanone	<5.00	40.0	48.5	121	43.2	108	53-125	12	20	ug/L	04.07.14 00:52	
Naphthalene	<5.00	20.0	20.6	103	20.3	102	54-129	1	26	ug/L	04.07.14 00:52	
n-Propylbenzene	<2.00	20.0	19.6	98	20.4	102	69-126	4	20	ug/L	04.07.14 00:52	
Styrene	<1.00	20.0	17.0	85	17.7	89	49-142	4	37	ug/L	04.07.14 00:52	
1,1,1,2-Tetrachloroethane	<0.500	20.0	21.3	107	21.5	108	70-130	1	20	ug/L	04.07.14 00:52	
1,1,2,2-Tetrachloroethane	<0.500	20.0	24.6	123	22.6	113	64-122	8	20	ug/L	04.07.14 00:52	M1

QC Summary 482208

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 937933 Matrix: Water Date Prep: 04.06.14
Parent Sample Id: 482208-002 MS Sample Id: 482208-002 S MSD Sample Id: 482208-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	<0.500	20.0	20.2	101	21.4	107	69-130	6	20	ug/L	04.07.14 00:52	
Toluene	<2.00	20.0	19.2	96	20.6	103	70-130	7	20	ug/L	04.07.14 00:52	
1,2,3-Trichlorobenzene	<5.00	20.0	19.9	100	19.5	98	61-126	2	24	ug/L	04.07.14 00:52	
1,2,4-Trichlorobenzene	<5.00	20.0	18.3	92	18.6	93	64-123	2	20	ug/L	04.07.14 00:52	
1,1,1-Trichloroethane	<0.500	20.0	19.9	100	20.0	100	68-136	1	20	ug/L	04.07.14 00:52	
1,1,2-Trichloroethane	<0.500	20.0	23.4	117	23.0	115	65-112	2	20	ug/L	04.07.14 00:52	M1
Trichloroethene	<0.500	20.0	19.8	99	19.8	99	70-130	0	20	ug/L	04.07.14 00:52	
Trichlorofluoromethane	<2.00	20.0	21.0	105	20.7	104	53-171	1	20	ug/L	04.07.14 00:52	
1,2,3-Trichloropropane	<1.00	20.0	22.0	110	21.1	106	58-116	4	20	ug/L	04.07.14 00:52	
1,2,4-Trimethylbenzene	<2.00	20.0	19.7	99	20.4	102	67-128	3	22	ug/L	04.07.14 00:52	
1,3,5-Trimethylbenzene	<1.50	20.0	19.5	98	20.5	103	70-130	5	20	ug/L	04.07.14 00:52	
o-Xylene	<1.00	20.0	21.6	108	22.6	113	70-130	5	20	ug/L	04.07.14 00:52	
m,p-Xylenes	<2.00	40.0	42.6	107	44.1	110	70-130	3	20	ug/L	04.07.14 00:52	
Vinyl Acetate	<5.00	20.0	21.9	110	18.9	95	43-133	15	23	ug/L	04.07.14 00:52	
Vinyl Chloride	<0.500	20.0	19.1	96	18.8	94	46-132	2	21	ug/L	04.07.14 00:52	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	100		95		69-133	%	04.07.14 00:52
1,2-Dichloroethane-D4	108		102		66-139	%	04.07.14 00:52
Toluene-D8	94		95		70-130	%	04.07.14 00:52
4-Bromofluorobenzene	96		96		70-135	%	04.07.14 00:52

QC Summary 482208

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 938121 Matrix: Water Date Prep: 04.08.14
Parent Sample Id: 482208-007 MS Sample Id: 482208-007 S MSD Sample Id: 482208-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acetone	<20.0	40.0	46.3	116	43.2	108	35-160	7	20	ug/L	04.08.14 22:00	
Benzene	<0.500	20.0	21.7	109	22.1	111	69-130	2	20	ug/L	04.08.14 22:00	
Bromobenzene	<1.50	20.0	21.0	105	22.1	111	70-130	5	20	ug/L	04.08.14 22:00	
Bromochloromethane	<0.500	20.0	21.6	108	22.3	112	63-119	3	22	ug/L	04.08.14 22:00	
Bromodichloromethane	<0.500	20.0	19.9	100	20.5	103	70-130	3	20	ug/L	04.08.14 22:00	
Bromoform	<1.00	20.0	17.1	86	18.4	92	57-121	7	20	ug/L	04.08.14 22:00	
Bromomethane	<5.00	20.0	31.0	155	33.9	170	53-141	9	22	ug/L	04.08.14 22:00	N1
2-Butanone	<5.00	40.0	41.0	103	44.0	110	46-136	7	22	ug/L	04.08.14 22:00	
MTBE	<2.00	20.0	20.6	103	21.0	105	65-127	2	20	ug/L	04.08.14 22:00	
n-Butylbenzene	<2.50	20.0	20.9	105	21.9	110	65-127	5	20	ug/L	04.08.14 22:00	
Sec-Butylbenzene	<1.50	20.0	20.4	102	21.4	107	70-130	5	20	ug/L	04.08.14 22:00	
tert-Butylbenzene	<2.50	20.0	21.3	107	22.0	110	70-130	3	20	ug/L	04.08.14 22:00	
Carbon Disulfide	<0.500	20.0	19.3	97	19.6	98	58-145	2	28	ug/L	04.08.14 22:00	
Carbon Tetrachloride	<0.500	20.0	20.0	100	20.3	102	60-152	1	20	ug/L	04.08.14 22:00	
Chlorobenzene	<0.500	20.0	22.2	111	23.2	116	70-130	4	20	ug/L	04.08.14 22:00	
Chloroethane	<4.00	20.0	27.8	139	27.6	138	59-153	1	20	ug/L	04.08.14 22:00	
Chloroform	<0.500	20.0	22.8	114	23.2	116	65-123	2	22	ug/L	04.08.14 22:00	
Chloromethane	<5.00	20.0	19.4	97	19.7	99	47-148	2	22	ug/L	04.08.14 22:00	
2-Chlorotoluene	<1.50	20.0	22.1	111	22.9	115	70-130	4	20	ug/L	04.08.14 22:00	
4-Chlorotoluene	<2.00	20.0	21.1	106	22.7	114	70-130	7	20	ug/L	04.08.14 22:00	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	20.6	103	21.3	107	70-130	3	20	ug/L	04.08.14 22:00	
Dibromochloromethane	<0.500	20.0	19.1	96	20.3	102	70-130	6	20	ug/L	04.08.14 22:00	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	16.9	85	18.2	91	50-117	7	22	ug/L	04.08.14 22:00	
1,2-Dibromoethane	<0.500	20.0	19.9	100	20.6	103	67-117	3	20	ug/L	04.08.14 22:00	
Dibromomethane	<0.500	20.0	21.8	109	22.1	111	66-115	1	20	ug/L	04.08.14 22:00	
1,2-Dichlorobenzene	<1.50	20.0	21.4	107	23.1	116	70-130	8	20	ug/L	04.08.14 22:00	
1,3-Dichlorobenzene	<1.50	20.0	21.4	107	23.8	119	70-130	11	20	ug/L	04.08.14 22:00	
1,4-Dichlorobenzene	<1.50	20.0	22.4	112	22.9	115	70-130	2	20	ug/L	04.08.14 22:00	
Dichlorodifluoromethane	<2.00	20.0	14.2	71	13.8	69	16-151	3	33	ug/L	04.08.14 22:00	
1,1-Dichloroethane	<0.500	20.0	23.1	116	23.4	117	66-129	1	20	ug/L	04.08.14 22:00	
1,2-Dichloroethane	<0.500	20.0	20.8	104	21.4	107	64-126	3	20	ug/L	04.08.14 22:00	
1,1-Dichloroethene	1.14	20.0	21.9	104	22.3	106	65-152	2	20	ug/L	04.08.14 22:00	
cis-1,2-Dichloroethene	<0.500	20.0	21.8	109	21.7	109	66-126	0	20	ug/L	04.08.14 22:00	
trans-1,2-dichloroethene	<0.500	20.0	21.7	109	21.8	109	66-135	0	20	ug/L	04.08.14 22:00	
1,2-Dichloropropane	<0.500	20.0	23.9	120	24.4	122	70-130	2	20	ug/L	04.08.14 22:00	
1,3-Dichloropropane	<1.00	20.0	22.9	115	24.0	120	67-115	5	20	ug/L	04.08.14 22:00	M1
2,2-Dichloropropane	<0.500	20.0	21.4	107	21.6	108	62-145	1	20	ug/L	04.08.14 22:00	
1,1-Dichloropropene	<1.00	20.0	21.7	109	22.1	111	72-140	2	20	ug/L	04.08.14 22:00	
cis-1,3-Dichloropropene	<1.00	20.0	20.8	104	21.6	108	67-122	4	20	ug/L	04.08.14 22:00	
trans-1,3-dichloropropene	<0.500	20.0	22.1	111	22.6	113	70-130	2	20	ug/L	04.08.14 22:00	
Ethylbenzene	<2.00	20.0	24.3	122	24.9	125	70-130	2	20	ug/L	04.08.14 22:00	
Hexachlorobutadiene	<5.00	20.0	20.9	105	21.3	107	68-143	2	20	ug/L	04.08.14 22:00	
2-Hexanone	<5.00	40.0	42.0	105	46.2	116	52-122	10	33	ug/L	04.08.14 22:00	V1
isopropylbenzene	<2.50	20.0	22.5	113	23.5	118	70-130	4	20	ug/L	04.08.14 22:00	
Methylene Chloride	<3.00	20.0	20.9	105	21.2	106	59-121	1	20	ug/L	04.08.14 22:00	
Iodomethane (Methyl Iodide)	<2.00	20.0	20.7	104	20.2	101	66-127	2	20	ug/L	04.08.14 22:00	
4-Methyl-2-Pentanone	<5.00	40.0	40.1	100	43.1	108	53-125	7	20	ug/L	04.08.14 22:00	
Naphthalene	<5.00	20.0	12.5	63	16.9	85	54-129	30	26	ug/L	04.08.14 22:00	R5
n-Propylbenzene	<2.00	20.0	21.1	106	22.1	111	69-126	5	20	ug/L	04.08.14 22:00	
Styrene	<1.00	20.0	20.7	104	21.6	108	49-142	4	37	ug/L	04.08.14 22:00	
1,1,1,2-Tetrachloroethane	<0.500	20.0	22.2	111	23.0	115	70-130	4	20	ug/L	04.08.14 22:00	
1,1,2,2-Tetrachloroethane	<0.500	20.0	21.7	109	22.9	115	64-122	5	20	ug/L	04.08.14 22:00	

QC Summary 482208

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 938121 Matrix: Water Date Prep: 04.08.14
Parent Sample Id: 482208-007 MS Sample Id: 482208-007 S MSD Sample Id: 482208-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	3.53	20.0	25.4	109	25.9	112	69-130	2	20	ug/L	04.08.14 22:00	
Toluene	<2.00	20.0	20.7	104	21.3	107	70-130	3	20	ug/L	04.08.14 22:00	
1,2,3-Trichlorobenzene	<5.00	20.0	15.9	80	19.3	97	61-126	19	24	ug/L	04.08.14 22:00	
1,2,4-Trichlorobenzene	<5.00	20.0	16.6	83	19.6	98	64-123	17	20	ug/L	04.08.14 22:00	
1,1,1-Trichloroethane	<0.500	20.0	20.6	103	20.6	103	68-136	0	20	ug/L	04.08.14 22:00	
1,1,2-Trichloroethane	<0.500	20.0	22.3	112	23.6	118	65-112	6	20	ug/L	04.08.14 22:00	M1
Trichloroethene	1.22	20.0	22.1	104	22.6	107	70-130	2	20	ug/L	04.08.14 22:00	
Trichlorofluoromethane	<2.00	20.0	20.3	102	20.2	101	53-171	0	20	ug/L	04.08.14 22:00	
1,2,3-Trichloropropane	<1.00	20.0	19.7	99	21.5	108	58-116	9	20	ug/L	04.08.14 22:00	
1,2,4-Trimethylbenzene	<2.00	20.0	21.2	106	22.2	111	67-128	5	22	ug/L	04.08.14 22:00	
1,3,5-Trimethylbenzene	<1.50	20.0	21.5	108	22.4	112	70-130	4	20	ug/L	04.08.14 22:00	
o-Xylene	<1.00	20.0	22.9	115	24.0	120	70-130	5	20	ug/L	04.08.14 22:00	
m,p-Xylenes	<2.00	40.0	45.9	115	47.7	119	70-130	4	20	ug/L	04.08.14 22:00	
Vinyl Acetate	<5.00	20.0	17.7	89	17.9	90	43-133	1	23	ug/L	04.08.14 22:00	
Vinyl Chloride	<0.500	20.0	25.6	128	25.7	129	46-132	0	21	ug/L	04.08.14 22:00	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	93		93		69-133	%	04.08.14 22:00
1,2-Dichloroethane-D4	97		97		66-139	%	04.08.14 22:00
Toluene-D8	95		95		70-130	%	04.08.14 22:00
4-Bromofluorobenzene	93		96		70-135	%	04.08.14 22:00

Chain of Custody

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Work Order No: 487208

Trans West Analytical Services 3725 E. Atlanta Ave. • Phoenix, AZ 85040 • Ph: (602) 437-0330 •• 3860 S. Palo Verde Rd., Suite 301 • Tucson, AZ 85714 • Ph: (520)975-2962

Page 1 of 1

Project Manager:	Gordon	Bill to: (if different)	
Company Name:	Terranext	Company Name:	
Address:	4050 E Cotton Center Blvd	Address:	
City, State ZIP:	Phoenix, AZ 85040	City, State ZIP:	
Phone:	480-456-4100	Email:	cgordon@terranext.net

Work Order Comments

Project Name:	WVBA
Project Number:	0710-3154
P.O. Number:	
Sampler's Name:	Mackey

SAMPLE RECEIPT

Temperature (°C):	2-8	Temp Blank Present:		
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:
Sample Custody Seals:	Yes	No	N/A	

ANALYSIS REQUEST (PLEASE CHECK METHOD NUMBER)

TAT

- [x] Routine
- [ ] Rush - Prelim
- [ ] Rush - Final

Prelim Due Date:

Final Due Date:

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics 8260B [x] / 624 / 524.2	Acrylonitrile / Acrolein 8260B / 624 / 2-CEVE	Semi-Volatile Organics 8270C / 625	Organochlorine Pesticides 8081A / 608	Oil & Grease (1664-HEM) / TPH (1664-HEM-SGT)	Metals (See Below) Total [x] / Hardness / Ca Hardness	Metals (See Below) Dissolved [x] / TCLP	Total Hexavalent Cr / Dissolved Hexavalent Cr	Total Cyanide / Amenable (Free) Cyanide	BOD	pH / Cl / Cond. / SO4 / Alk / F / TDS / Ortho-P	NO2 / NO3 (300.0)	NO2+NO3 (353.2)	TKN / COD / NH3 / Total-P	Coliliert / HPC / E. Coli (CFU/MPN) / Fecal (CFU/MPN)				Sample Comments
Trip Blank	Water	3-28-14		1	1	X																		
BID-87			8:35	2	6	X					X	X	X											
BID-86			8:57	3																				
BID-85			9:16	4																				
BID-84			9:36	5																				
BID-81			9:40	6																				
BID-82			10:07	7																				

Total 200.7 / 6010B: 8RCRA 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn

Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

Dissolved / TCLP 200.7 / 6010B: 8RCRA 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn

Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/28/14 10:10
2		3-28-14 1040
3		

Upon signing this COC, you accept Xenco terms and conditions unless otherwise agreed upon in writing. Reports are intellectual property of Xenco until paid. Samples will be held 30 days after the final report is emailed unless herby requested. Rush charges and collection fees are pre-approved if necessary.

C.O.C. Serial # 20648

TRANS WEST ANALYTICAL

Sample Receipt Checklist

Client Name: Terranext

Date and Time Received: 3-28-14 1040

Work Order Number: 482208

Checked by: [illegible]

Checklist completed by: [illegible] Date: 3-28-14

Logged In by: [illegible] Date: 3-28-14

Matrix: Water Courier Name: Client, TWA _____

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☒	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	Not Present ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Samples received same day of collection?	Yes ☒	No ☐	Temp: 2.8	Wet Ice Present ☒
Where was the temperature reading taken at?	Sample ☒	Temp Blank ☐	Other:	
VOA Water – VOA vials have zero headspace?	Yes ☒	No ☐	N/A ☐	
Water – Microbiological bottles have ≤ 2.5 cm headspace?	Yes ☐	No ☐	N/A ☒	
Water – All sample pH's acceptable upon receipt?	Yes ☒	No ☐	N/A ☐	Checked by: [illegible]

If **No**, list all samples and bottle types that are not acceptable in Additional Comments section. Also state any correction actions.

Sulfide Water – Bottles have zero headspace?	Yes ☐	No ☐	N/A ☒	(zero headspace ≤ than neck of bottle)
Dissolved Water Analytes – Field Filtered?	Yes ☐	No ☒	N/A ☐	

Are samples received deemed acceptable? Yes ☒ No ☐ If **No** then complete section below

PM Notified Date: _____ Init: _____ PM Init: _____

Client Notified Date: _____ Init: _____ L/M ☐ Date: _____ L/M ☐ Date: _____

Contact Name: _____ Action to take: Analyze ☐ Cancel ☐ Hold ☐ Other:

Changes/Comments made on original COC? Yes ☐ N/A ☐ Init: _____ Date: _____

Changes made in LIMS? Yes ☐ N/A ☐ Init: _____ Date: _____

Additional Comments: _____

CS-002-SRChecklist RV8