Analytical Report 470077

for

Terranext

Project Manager: Chuck Gordon

WVBA

3154-25

26-SEP-13

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)

26-SEP-13

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

Reference: TWA Report No(s): **470077**
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) 470077. 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. 470077 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

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CASE NARRATIVE

Client Name: Terranext
Project Name: WVBA

Project ID: *3154-25*
Work Order Number(s): *470077*

Report Date: *26-SEP-13*
Date Received: *09/11/2013*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-923029 VOCs by EPA 8260B
N1:
Chloroethane recovered below acceptance criteria in the LCS/LCSD and MS/MSD. This equates to a potential low bias. Since Chloroethane has historically been non-detect for the associated field samples, no further action was taken.

R2:
The RPD for Chloroethane was outside of criteria in the MS/MSD pair. Since the RPD for Chloroethane was within criteria in the LCS/LCSD pair, no further action was required.

Batch: LBA-923075 VOCs by EPA 8260B
V1,V3:
Control limits have not been established on this instrument yet for the CCVs. All results for the CCVs would have been within the acceptable range on the other instruments in house.

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.

L2 The associated blank spike recovery was below laboratory acceptance limits.

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

M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.

N1 See case narrative.

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

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

Sample Cross Reference 470077

Terranext, Phoenix, AZ

WVBA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
43A Canal	W	09-11-13 07:15		470077-001
67A Canal	W	09-11-13 08:01		470077-002
83A Canal	W	09-11-13 08:29		470077-003
Salt Canal	W	09-11-13 08:51		470077-004
RID-114	W	09-11-13 09:33		470077-005
RID-104	W	09-11-13 09:49		470077-006
RID-102	W	09-11-13 10:04		470077-007
RID-103	W	09-11-13 10:19		470077-008
RID-115	W	09-11-13 10:26		470077-009
RID-101	W	09-11-13 10:30		470077-010
RID-95	W	09-11-13 10:59		470077-011
RID-93	W	09-11-13 11:16		470077-012
RID-91	W	09-11-13 11:28		470077-013
RID-92	W	09-11-13 11:39		470077-014
RID-90	W	09-11-13 11:57		470077-015
RID-89	W	09-11-13 12:06		470077-016
EQB	W	09-11-13 12:15		470077-017
Trip Blank	W	09-11-13 12:15		470077-018

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **43A Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-001 Date Collected: 09.11.13 07.15

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 13.15	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 13.15		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 13.15		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 13.15		1
Bromodichloromethane	75-27-4	**5.81**	0.500	ug/L	09.16.13 13.15		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 13.15		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 13.15		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 13.15	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 13.15		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 13.15		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 13.15		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 13.15		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 13.15		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 13.15		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 13.15		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 13.15	N1	1
Chloroform	67-66-3	**7.96**	0.500	ug/L	09.16.13 13.15		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 13.15		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 13.15		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 13.15		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 13.15		1
Dibromochloromethane	124-48-1	**3.36**	0.500	ug/L	09.16.13 13.15		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 13.15	M1	1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 13.15		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 13.15		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 13.15		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 13.15		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 13.15		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 13.15		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 13.15		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 13.15		1
1,1-Dichloroethene	75-35-4	**0.510**	0.500	ug/L	09.16.13 13.15		1
cis-1,2-Dichloroethene	156-59-2	**0.670**	0.500	ug/L	09.16.13 13.15		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 13.15		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 13.15		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 13.15		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 13.15		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 13.15		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 13.15		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **43A Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-001 Date Collected: 09.11.13 07.15

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 13.15		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 13.15		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 13.15	M2	1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 13.15		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 13.15		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 13.15		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 13.15		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 13.15		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 13.15		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 13.15		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 13.15		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 13.15		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 13.15	M1	1
Tetrachloroethylene	127-18-4	**0.900**	0.500	ug/L	09.16.13 13.15		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 13.15		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 13.15		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 13.15		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 13.15		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 13.15		1
Trichloroethene	79-01-6	**3.85**	0.500	ug/L	09.16.13 13.15		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 13.15		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 13.15	M1	1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 13.15		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 13.15		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 13.15		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 13.15		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 13.15		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 13.15		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 13.15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	95	%	69-133	09.16.13 13.15	
1,2-Dichloroethane-D4	17060-07-0	99	%	66-139	09.16.13 13.15	
Toluene-D8	2037-26-5	98	%	70-130	09.16.13 13.15	
4-Bromofluorobenzene	460-00-4	93	%	70-135	09.16.13 13.15	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **67A Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-002 Date Collected: 09.11.13 08.01

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 14.30	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 14.30		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 14.30		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 14.30		1
Bromodichloromethane	75-27-4	**3.15**	0.500	ug/L	09.16.13 14.30		1
Bromoform	75-25-2	**2.10**	1.00	ug/L	09.16.13 14.30		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 14.30		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 14.30	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 14.30		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 14.30		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 14.30		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 14.30		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 14.30		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 14.30		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 14.30		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 14.30	N1	1
Chloroform	67-66-3	**8.32**	0.500	ug/L	09.16.13 14.30		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 14.30		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 14.30		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 14.30		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 14.30		1
Dibromochloromethane	124-48-1	**3.15**	0.500	ug/L	09.16.13 14.30		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 14.30		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 14.30		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 14.30		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 14.30		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 14.30		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 14.30		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 14.30		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 14.30		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 14.30		1
1,1-Dichloroethene	75-35-4	**0.550**	0.500	ug/L	09.16.13 14.30		1
cis-1,2-Dichloroethene	156-59-2	**0.630**	0.500	ug/L	09.16.13 14.30		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 14.30		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 14.30		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 14.30		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 14.30		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 14.30		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 14.30		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **67A Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-002 Date Collected: 09.11.13 08.01

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 14.30		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 14.30		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 14.30		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 14.30		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 14.30		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 14.30		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 14.30		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 14.30		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 14.30		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 14.30		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 14.30		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 14.30		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 14.30		1
Tetrachloroethylene	127-18-4	**1.10**	0.500	ug/L	09.16.13 14.30		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 14.30		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 14.30		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 14.30		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 14.30		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 14.30		1
Trichloroethene	79-01-6	**4.29**	0.500	ug/L	09.16.13 14.30		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 14.30		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 14.30		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 14.30		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 14.30		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 14.30		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 14.30		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 14.30		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 14.30		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 14.30		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	69-133	09.16.13 14.30	
1,2-Dichloroethane-D4	17060-07-0	104	%	66-139	09.16.13 14.30	
Toluene-D8	2037-26-5	99	%	70-130	09.16.13 14.30	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.16.13 14.30	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **83A Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-003 Date Collected: 09.11.13 08.29

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 14.56	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 14.56		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 14.56		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 14.56		1
Bromodichloromethane	75-27-4	**4.41**	0.500	ug/L	09.16.13 14.56		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 14.56		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 14.56		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 14.56	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 14.56		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 14.56		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 14.56		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 14.56		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 14.56		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 14.56		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 14.56		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 14.56	N1	1
Chloroform	67-66-3	**6.80**	0.500	ug/L	09.16.13 14.56		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 14.56		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 14.56		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 14.56		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 14.56		1
Dibromochloromethane	124-48-1	**2.74**	0.500	ug/L	09.16.13 14.56		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 14.56		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 14.56		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 14.56		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 14.56		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 14.56		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 14.56		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 14.56		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 14.56		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 14.56		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	09.16.13 14.56		1
cis-1,2-Dichloroethene	156-59-2	**0.720**	0.500	ug/L	09.16.13 14.56		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 14.56		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 14.56		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 14.56		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 14.56		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 14.56		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 14.56		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **83A Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-003 Date Collected: 09.11.13 08.29

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 14.56		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 14.56		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 14.56		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 14.56		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 14.56		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 14.56		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 14.56		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 14.56		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 14.56		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 14.56		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 14.56		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 14.56		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 14.56		1
Tetrachloroethylene	127-18-4	**0.920**	0.500	ug/L	09.16.13 14.56		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 14.56		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 14.56		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 14.56		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 14.56		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 14.56		1
Trichloroethene	79-01-6	**3.86**	0.500	ug/L	09.16.13 14.56		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 14.56		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 14.56		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 14.56		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 14.56		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 14.56		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 14.56		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 14.56		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 14.56		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 14.56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	96	%	69-133	09.16.13 14.56	
1,2-Dichloroethane-D4	17060-07-0	103	%	66-139	09.16.13 14.56	
Toluene-D8	2037-26-5	95	%	70-130	09.16.13 14.56	
4-Bromofluorobenzene	460-00-4	96	%	70-135	09.16.13 14.56	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **Salt Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-004 Date Collected: 09.11.13 08.51

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 15.21	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 15.21		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 15.21		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 15.21		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 15.21		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 15.21		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 15.21		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 15.21	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 15.21		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 15.21		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 15.21		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 15.21		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 15.21		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 15.21		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 15.21		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 15.21	N1	1
Chloroform	67-66-3	**1.18**	0.500	ug/L	09.16.13 15.21		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 15.21		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 15.21		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 15.21		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 15.21		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 15.21		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 15.21		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 15.21		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 15.21		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 15.21		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 15.21		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 15.21		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 15.21		1
1,1-Dichloroethane	75-34-3	**0.980**	0.500	ug/L	09.16.13 15.21		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 15.21		1
1,1-Dichloroethene	75-35-4	**0.710**	0.500	ug/L	09.16.13 15.21		1
cis-1,2-Dichloroethene	156-59-2	**3.98**	0.500	ug/L	09.16.13 15.21		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 15.21		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 15.21		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 15.21		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 15.21		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 15.21		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 15.21		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **Salt Canal** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-004 Date Collected: 09.11.13 08.51

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 15.21		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 15.21		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 15.21		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 15.21		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 15.21		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 15.21		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 15.21		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 15.21		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 15.21		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 15.21		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 15.21		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 15.21		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 15.21		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 15.21		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 15.21		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 15.21		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 15.21		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 15.21		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 15.21		1
Trichloroethene	79-01-6	**2.41**	0.500	ug/L	09.16.13 15.21		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 15.21		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 15.21		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 15.21		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 15.21		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 15.21		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 15.21		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 15.21		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 15.21		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 15.21		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	69-133	09.16.13 15.21	
1,2-Dichloroethane-D4	17060-07-0	105	%	66-139	09.16.13 15.21	
Toluene-D8	2037-26-5	98	%	70-130	09.16.13 15.21	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.16.13 15.21	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-114**
Lab Sample Id: 470077-005

Matrix: Water
Date Collected: 09.11.13 09.33

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 15.46	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 15.46		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 15.46		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 15.46		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 15.46		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 15.46		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 15.46		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 15.46	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 15.46		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 15.46		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 15.46		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 15.46		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 15.46		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 15.46		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 15.46		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 15.46	N1	1
Chloroform	67-66-3	**1.95**	0.500	ug/L	09.16.13 15.46		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 15.46		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 15.46		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 15.46		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 15.46		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 15.46		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 15.46		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 15.46		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 15.46		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 15.46		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 15.46		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 15.46		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 15.46		1
1,1-Dichloroethane	75-34-3	**1.66**	0.500	ug/L	09.16.13 15.46		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 15.46		1
1,1-Dichloroethene	75-35-4	**2.50**	0.500	ug/L	09.16.13 15.46		1
cis-1,2-Dichloroethene	156-59-2	**6.17**	0.500	ug/L	09.16.13 15.46		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 15.46		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 15.46		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 15.46		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 15.46		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 15.46		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 15.46		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-114**
Lab Sample Id: 470077-005

Matrix: Water
Date Collected: 09.11.13 09.33

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

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	09.16.13 15.46		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 15.46		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 15.46		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 15.46		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 15.46		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 15.46		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 15.46		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 15.46		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 15.46		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 15.46		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 15.46		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 15.46		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 15.46		1
Tetrachloroethylene	127-18-4	**2.63**	0.500	ug/L	09.16.13 15.46		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 15.46		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 15.46		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 15.46		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 15.46		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 15.46		1
Trichloroethene	79-01-6	**39.0**	0.500	ug/L	09.16.13 15.46		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 15.46		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 15.46		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 15.46		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 15.46		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 15.46		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 15.46		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 15.46		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 15.46		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 15.46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	69-133	09.16.13 15.46	
1,2-Dichloroethane-D4	17060-07-0	107	%	66-139	09.16.13 15.46	
Toluene-D8	2037-26-5	100	%	70-130	09.16.13 15.46	
4-Bromofluorobenzene	460-00-4	101	%	70-135	09.16.13 15.46	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-104** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-006 Date Collected: 09.11.13 09.49

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 16.12	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 16.12		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 16.12		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 16.12		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 16.12		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 16.12		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 16.12		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 16.12	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 16.12		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 16.12		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 16.12		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 16.12		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 16.12		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 16.12		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 16.12		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 16.12	N1	1
Chloroform	67-66-3	**1.20**	0.500	ug/L	09.16.13 16.12		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 16.12		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 16.12		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 16.12		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 16.12		1
Dibromochloromethane	124-48-1	**1.32**	0.500	ug/L	09.16.13 16.12		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 16.12		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 16.12		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 16.12		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 16.12		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 16.12		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 16.12		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 16.12		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 16.12		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 16.12		1
1,1-Dichloroethene	75-35-4	**0.560**	0.500	ug/L	09.16.13 16.12		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 16.12		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 16.12		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 16.12		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 16.12		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 16.12		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 16.12		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 16.12		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-104**
Lab Sample Id: 470077-006

Matrix: Water
Date Collected: 09.11.13 09.49

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

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	09.16.13 16.12		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 16.12		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 16.12		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 16.12		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 16.12		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 16.12		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 16.12		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 16.12		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 16.12		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 16.12		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 16.12		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 16.12		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 16.12		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 16.12		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 16.12		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 16.12		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 16.12		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 16.12		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 16.12		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 16.12		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 16.12		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 16.12		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 16.12		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 16.12		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 16.12		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 16.12		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 16.12		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 16.12		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 16.12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	108	%	69-133	09.16.13 16.12	
1,2-Dichloroethane-D4	17060-07-0	117	%	66-139	09.16.13 16.12	
Toluene-D8	2037-26-5	102	%	70-130	09.16.13 16.12	
4-Bromofluorobenzene	460-00-4	102	%	70-135	09.16.13 16.12	

Final 1.000

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-102** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-007 Date Collected: 09.11.13 10.04

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 16.37	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 16.37		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 16.37		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 16.37		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 16.37		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 16.37		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 16.37		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 16.37	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 16.37		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 16.37		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 16.37		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 16.37		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 16.37		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 16.37		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 16.37		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 16.37	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 16.37		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 16.37		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 16.37		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 16.37		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 16.37		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 16.37		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 16.37		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 16.37		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 16.37		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 16.37		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 16.37		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 16.37		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 16.37		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 16.37		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 16.37		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	09.16.13 16.37		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 16.37		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 16.37		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 16.37		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 16.37		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 16.37		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 16.37		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 16.37		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-102** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-007 Date Collected: 09.11.13 10.04

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 16.37		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 16.37		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 16.37		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 16.37		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 16.37		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 16.37		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 16.37		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 16.37		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 16.37		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 16.37		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 16.37		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 16.37		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 16.37		1
Tetrachloroethylene	127-18-4	**4.01**	0.500	ug/L	09.16.13 16.37		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 16.37		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 16.37		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 16.37		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 16.37		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 16.37		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 16.37		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 16.37		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 16.37		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 16.37		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 16.37		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 16.37		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 16.37		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 16.37		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 16.37		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 16.37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	69-133	09.16.13 16.37	
1,2-Dichloroethane-D4	17060-07-0	108	%	66-139	09.16.13 16.37	
Toluene-D8	2037-26-5	100	%	70-130	09.16.13 16.37	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.16.13 16.37	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-103** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-008 Date Collected: 09.11.13 10.19

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 17.03	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 17.03		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 17.03		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 17.03		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 17.03		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 17.03		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 17.03		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 17.03	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 17.03		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 17.03		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 17.03		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 17.03		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 17.03		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 17.03		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 17.03		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 17.03	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 17.03		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 17.03		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 17.03		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 17.03		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 17.03		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 17.03		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 17.03		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 17.03		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 17.03		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 17.03		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 17.03		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 17.03		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 17.03		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 17.03		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 17.03		1
1,1-Dichloroethene	75-35-4	**0.640**	0.500	ug/L	09.16.13 17.03		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 17.03		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 17.03		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 17.03		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 17.03		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 17.03		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 17.03		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 17.03		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-103**
Lab Sample Id: 470077-008

Matrix: Water
Date Collected: 09.11.13 10.19

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

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	09.16.13 17.03		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 17.03		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 17.03		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 17.03		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 17.03		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 17.03		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 17.03		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 17.03		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 17.03		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 17.03		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 17.03		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 17.03		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 17.03		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 17.03		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 17.03		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 17.03		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 17.03		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 17.03		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 17.03		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 17.03		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 17.03		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 17.03		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 17.03		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 17.03		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 17.03		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 17.03		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 17.03		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 17.03		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 17.03		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	69-133	09.16.13 17.03	
1,2-Dichloroethane-D4	17060-07-0	108	%	66-139	09.16.13 17.03	
Toluene-D8	2037-26-5	93	%	70-130	09.16.13 17.03	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.16.13 17.03	

Final 1.000

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-115** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-009 Date Collected: 09.11.13 10.26

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 17.28	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 17.28		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 17.28		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 17.28		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 17.28		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 17.28		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 17.28		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 17.28	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 17.28		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 17.28		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 17.28		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 17.28		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 17.28		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 17.28		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 17.28		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 17.28	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 17.28		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 17.28		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 17.28		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 17.28		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 17.28		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 17.28		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 17.28		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 17.28		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 17.28		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 17.28		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 17.28		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 17.28		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 17.28		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 17.28		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 17.28		1
1,1-Dichloroethene	75-35-4	**1.28**	0.500	ug/L	09.16.13 17.28		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 17.28		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 17.28		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 17.28		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 17.28		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 17.28		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 17.28		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 17.28		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-115** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-009 Date Collected: 09.11.13 10.26

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 17.28		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 17.28		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 17.28		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 17.28		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 17.28		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 17.28		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 17.28		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 17.28		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 17.28		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 17.28		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 17.28		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 17.28		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 17.28		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 17.28		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 17.28		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 17.28		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 17.28		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 17.28		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 17.28		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 17.28		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 17.28		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 17.28		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 17.28		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 17.28		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 17.28		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 17.28		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 17.28		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 17.28		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 17.28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	107	%	69-133	09.16.13 17.28	
1,2-Dichloroethane-D4	17060-07-0	121	%	66-139	09.16.13 17.28	
Toluene-D8	2037-26-5	99	%	70-130	09.16.13 17.28	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.16.13 17.28	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-101** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-010 Date Collected: 09.11.13 10.30

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 17.53	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 17.53		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 17.53		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 17.53		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 17.53		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 17.53		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 17.53		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 17.53	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 17.53		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 17.53		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 17.53		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 17.53		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 17.53		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 17.53		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 17.53		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 17.53	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 17.53		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 17.53		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 17.53		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 17.53		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 17.53		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 17.53		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 17.53		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 17.53		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 17.53		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 17.53		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 17.53		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 17.53		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 17.53		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 17.53		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 17.53		1
1,1-Dichloroethene	75-35-4	**1.04**	0.500	ug/L	09.16.13 17.53		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 17.53		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 17.53		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 17.53		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 17.53		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 17.53		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 17.53		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 17.53		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-101**
Lab Sample Id: 470077-010

Matrix: Water
Date Collected: 09.11.13 10.30

Date Received:09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

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	09.16.13 17.53		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 17.53		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 17.53		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 17.53		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 17.53		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 17.53		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 17.53		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 17.53		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 17.53		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 17.53		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 17.53		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 17.53		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 17.53		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 17.53		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 17.53		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 17.53		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 17.53		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 17.53		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 17.53		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 17.53		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 17.53		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 17.53		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 17.53		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 17.53		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 17.53		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 17.53		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 17.53		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 17.53		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 17.53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	101	%	69-133	09.16.13 17.53	
1,2-Dichloroethane-D4	17060-07-0	108	%	66-139	09.16.13 17.53	
Toluene-D8	2037-26-5	99	%	70-130	09.16.13 17.53	
4-Bromofluorobenzene	460-00-4	101	%	70-135	09.16.13 17.53	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-95** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-011 Date Collected: 09.11.13 10.59

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 18.18	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 18.18		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 18.18		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 18.18		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 18.18		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 18.18		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 18.18		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 18.18	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 18.18		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 18.18		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 18.18		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 18.18		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 18.18		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 18.18		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 18.18		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 18.18	N1	1
Chloroform	67-66-3	**1.06**	0.500	ug/L	09.16.13 18.18		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 18.18		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 18.18		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 18.18		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 18.18		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 18.18		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 18.18		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 18.18		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 18.18		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 18.18		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 18.18		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 18.18		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 18.18		1
1,1-Dichloroethane	75-34-3	**4.24**	0.500	ug/L	09.16.13 18.18		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 18.18		1
1,1-Dichloroethene	75-35-4	**7.52**	0.500	ug/L	09.16.13 18.18		1
cis-1,2-Dichloroethene	156-59-2	**10.1**	0.500	ug/L	09.16.13 18.18		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 18.18		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 18.18		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 18.18		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 18.18		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 18.18		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 18.18		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-95**
Lab Sample Id: 470077-011

Matrix: Water
Date Collected: 09.11.13 10.59

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

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	09.16.13 18.18		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 18.18		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 18.18		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 18.18		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 18.18		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 18.18		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 18.18		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 18.18		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 18.18		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 18.18		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 18.18		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 18.18		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 18.18		1
Tetrachloroethylene	127-18-4	**3.71**	0.500	ug/L	09.16.13 18.18		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 18.18		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 18.18		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 18.18		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 18.18		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 18.18		1
Trichloroethene	79-01-6	**59.6**	0.500	ug/L	09.16.13 18.18		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 18.18		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 18.18		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 18.18		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 18.18		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 18.18		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 18.18		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 18.18		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 18.18		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 18.18		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	97	%	69-133	09.16.13 18.18	
1,2-Dichloroethane-D4	17060-07-0	104	%	66-139	09.16.13 18.18	
Toluene-D8	2037-26-5	97	%	70-130	09.16.13 18.18	
4-Bromofluorobenzene	460-00-4	97	%	70-135	09.16.13 18.18	

Final 1.000

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-93** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-012 Date Collected: 09.11.13 11.16

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 18.44	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 18.44		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 18.44		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 18.44		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 18.44		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 18.44		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 18.44		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 18.44	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 18.44		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 18.44		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 18.44		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 18.44		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 18.44		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 18.44		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 18.44		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 18.44	N1	1
Chloroform	67-66-3	**0.550**	0.500	ug/L	09.16.13 18.44		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 18.44		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 18.44		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 18.44		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 18.44		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 18.44		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 18.44		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 18.44		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 18.44		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 18.44		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 18.44		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 18.44		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 18.44		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 18.44		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 18.44		1
1,1-Dichloroethene	75-35-4	**0.510**	0.500	ug/L	09.16.13 18.44		1
cis-1,2-Dichloroethene	156-59-2	**0.520**	0.500	ug/L	09.16.13 18.44		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 18.44		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 18.44		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 18.44		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 18.44		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 18.44		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 18.44		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-93**
Lab Sample Id: 470077-012

Matrix: Water
Date Collected: 09.11.13 11.16

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923029

Date Prep: 09.16.13 09.48

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	09.16.13 18.44		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 18.44		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 18.44		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 18.44		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 18.44		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 18.44		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 18.44		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 18.44		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 18.44		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 18.44		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 18.44		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 18.44		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 18.44		1
Tetrachloroethylene	127-18-4	**1.01**	0.500	ug/L	09.16.13 18.44		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 18.44		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 18.44		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 18.44		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 18.44		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 18.44		1
Trichloroethene	79-01-6	**2.14**	0.500	ug/L	09.16.13 18.44		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 18.44		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 18.44		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 18.44		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 18.44		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 18.44		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 18.44		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 18.44		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 18.44		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 18.44		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	69-133	09.16.13 18.44	
1,2-Dichloroethane-D4	17060-07-0	115	%	66-139	09.16.13 18.44	
Toluene-D8	2037-26-5	97	%	70-130	09.16.13 18.44	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.16.13 18.44	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-91** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-013 Date Collected: 09.11.13 11.28

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 19.09	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 19.09		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 19.09		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 19.09		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 19.09		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 19.09		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 19.09		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 19.09	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 19.09		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 19.09		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 19.09		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 19.09		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 19.09		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 19.09		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 19.09		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 19.09	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 19.09		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 19.09		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 19.09		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 19.09		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 19.09		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 19.09		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 19.09		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 19.09		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 19.09		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 19.09		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 19.09		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 19.09		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 19.09		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 19.09		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 19.09		1
1,1-Dichloroethene	75-35-4	**0.800**	0.500	ug/L	09.16.13 19.09		1
cis-1,2-Dichloroethene	156-59-2	**0.810**	0.500	ug/L	09.16.13 19.09		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 19.09		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 19.09		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 19.09		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 19.09		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 19.09		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 19.09		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-91** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-013 Date Collected: 09.11.13 11.28

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 19.09		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 19.09		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 19.09		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 19.09		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 19.09		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 19.09		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 19.09		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 19.09		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 19.09		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 19.09		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 19.09		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 19.09		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 19.09		1
Tetrachloroethylene	127-18-4	**1.36**	0.500	ug/L	09.16.13 19.09		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 19.09		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 19.09		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 19.09		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 19.09		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 19.09		1
Trichloroethene	79-01-6	**4.13**	0.500	ug/L	09.16.13 19.09		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 19.09		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 19.09		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 19.09		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 19.09		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 19.09		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 19.09		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 19.09		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 19.09		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 19.09		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	69-133	09.16.13 19.09	
1,2-Dichloroethane-D4	17060-07-0	110	%	66-139	09.16.13 19.09	
Toluene-D8	2037-26-5	94	%	70-130	09.16.13 19.09	
4-Bromofluorobenzene	460-00-4	95	%	70-135	09.16.13 19.09	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-92** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-014 Date Collected: 09.11.13 11.39

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.17.13 08.07

Seq Number: 923075

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.17.13 19.12		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.17.13 19.12		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.17.13 19.12		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.17.13 19.12		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.17.13 19.12		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.17.13 19.12		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.17.13 19.12		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.17.13 19.12		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.17.13 19.12	L1V1	1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.17.13 19.12		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.17.13 19.12		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.17.13 19.12		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.17.13 19.12		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.17.13 19.12		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.17.13 19.12		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.17.13 19.12	L2	1
Chloroform	67-66-3	**3.21**	0.500	ug/L	09.17.13 19.12		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.17.13 19.12		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.17.13 19.12		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.17.13 19.12		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.17.13 19.12		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.17.13 19.12		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.17.13 19.12		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.17.13 19.12		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.17.13 19.12		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.17.13 19.12		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.17.13 19.12		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.17.13 19.12		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.17.13 19.12		1
1,1-Dichloroethane	75-34-3	**2.34**	0.500	ug/L	09.17.13 19.12		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.17.13 19.12		1
1,1-Dichloroethene	75-35-4	**6.22**	0.500	ug/L	09.17.13 19.12		1
cis-1,2-Dichloroethene	156-59-2	**8.71**	0.500	ug/L	09.17.13 19.12		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.17.13 19.12		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.17.13 19.12		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.17.13 19.12		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.17.13 19.12		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.17.13 19.12		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.17.13 19.12		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-92**
Lab Sample Id: 470077-014

Matrix: Water
Date Collected: 09.11.13 11.39

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923075

Date Prep: 09.17.13 08.07

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	09.17.13 19.12	V1	1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.17.13 19.12		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.17.13 19.12		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.17.13 19.12	L1V1	1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.17.13 19.12		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.17.13 19.12		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.17.13 19.12		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.17.13 19.12	L1V1	1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.17.13 19.12		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.17.13 19.12		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.17.13 19.12		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.17.13 19.12		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.17.13 19.12		1
Tetrachloroethylene	127-18-4	**14.5**	0.500	ug/L	09.17.13 19.12		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.17.13 19.12		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.17.13 19.12		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.17.13 19.12		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.17.13 19.12		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.17.13 19.12		1
Trichloroethene	79-01-6	**86.4**	0.500	ug/L	09.17.13 19.12		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.17.13 19.12		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.17.13 19.12		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.17.13 19.12		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.17.13 19.12		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.17.13 19.12		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.17.13 19.12		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.17.13 19.12	L1V1	1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.17.13 19.12		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.17.13 19.12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	97	%	69-133	09.17.13 19.12	
1,2-Dichloroethane-D4	17060-07-0	100	%	66-139	09.17.13 19.12	
Toluene-D8	2037-26-5	96	%	70-130	09.17.13 19.12	
4-Bromofluorobenzene	460-00-4	100	%	70-135	09.17.13 19.12	

Final 1.000

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-90** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-015 Date Collected: 09.11.13 11.57

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 19.59	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 19.59		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 19.59		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 19.59		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 19.59		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 19.59		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 19.59		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 19.59	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 19.59		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 19.59		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 19.59		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 19.59		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 19.59		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 19.59		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 19.59		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 19.59	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 19.59		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 19.59		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 19.59		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 19.59		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 19.59		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 19.59		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 19.59		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 19.59		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 19.59		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 19.59		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 19.59		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 19.59		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 19.59		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 19.59		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 19.59		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	09.16.13 19.59		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 19.59		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 19.59		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 19.59		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 19.59		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 19.59		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 19.59		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 19.59		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-90** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-015 Date Collected: 09.11.13 11.57

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 19.59		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 19.59		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 19.59		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 19.59		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 19.59		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 19.59		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 19.59		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 19.59		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 19.59		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 19.59		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 19.59		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 19.59		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 19.59		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 19.59		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 19.59		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 19.59		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 19.59		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 19.59		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 19.59		1
Trichloroethene	79-01-6	**0.740**	0.500	ug/L	09.16.13 19.59		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 19.59		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 19.59		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 19.59		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 19.59		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 19.59		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 19.59		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 19.59		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 19.59		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 19.59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	106	%	69-133	09.16.13 19.59	
1,2-Dichloroethane-D4	17060-07-0	116	%	66-139	09.16.13 19.59	
Toluene-D8	2037-26-5	101	%	70-130	09.16.13 19.59	
4-Bromofluorobenzene	460-00-4	99	%	70-135	09.16.13 19.59	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-89** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-016 Date Collected: 09.11.13 12.06

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.17.13 08.07

Seq Number: 923075

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.17.13 19.36		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.17.13 19.36		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.17.13 19.36		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.17.13 19.36		1
Bromodichloromethane	75-27-4	**1.02**	0.500	ug/L	09.17.13 19.36		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.17.13 19.36		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.17.13 19.36		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.17.13 19.36		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.17.13 19.36	L1V1	1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.17.13 19.36		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.17.13 19.36		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.17.13 19.36		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.17.13 19.36		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.17.13 19.36		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.17.13 19.36		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.17.13 19.36	L2	1
Chloroform	67-66-3	**4.17**	0.500	ug/L	09.17.13 19.36		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.17.13 19.36		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.17.13 19.36		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.17.13 19.36		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.17.13 19.36		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.17.13 19.36		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.17.13 19.36		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.17.13 19.36		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.17.13 19.36		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.17.13 19.36		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.17.13 19.36		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.17.13 19.36		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.17.13 19.36		1
1,1-Dichloroethane	75-34-3	**0.990**	0.500	ug/L	09.17.13 19.36		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.17.13 19.36		1
1,1-Dichloroethene	75-35-4	**3.14**	0.500	ug/L	09.17.13 19.36		1
cis-1,2-Dichloroethene	156-59-2	**3.14**	0.500	ug/L	09.17.13 19.36		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.17.13 19.36		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.17.13 19.36		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.17.13 19.36		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.17.13 19.36		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.17.13 19.36		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.17.13 19.36		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-89**
Lab Sample Id: 470077-016

Matrix: Water
Date Collected: 09.11.13 12.06

Date Received: 09.11.13 13.30

Analytical Method: VOCs by EPA 8260B
Tech: BLK
Analyst: BLK
Seq Number: 923075

Date Prep: 09.17.13 08.07

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	09.17.13 19.36	V1	1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.17.13 19.36		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.17.13 19.36		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.17.13 19.36	L1V1	1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.17.13 19.36		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.17.13 19.36		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.17.13 19.36		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.17.13 19.36	L1V1	1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.17.13 19.36		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.17.13 19.36		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.17.13 19.36		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.17.13 19.36		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.17.13 19.36		1
Tetrachloroethylene	127-18-4	**11.7**	0.500	ug/L	09.17.13 19.36		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.17.13 19.36		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.17.13 19.36		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.17.13 19.36		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.17.13 19.36		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.17.13 19.36		1
Trichloroethene	79-01-6	**37.5**	0.500	ug/L	09.17.13 19.36		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.17.13 19.36		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.17.13 19.36		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.17.13 19.36		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.17.13 19.36		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.17.13 19.36		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.17.13 19.36		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.17.13 19.36	L1V1	1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.17.13 19.36		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.17.13 19.36		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	104	%	69-133	09.17.13 19.36	
1,2-Dichloroethane-D4	17060-07-0	108	%	66-139	09.17.13 19.36	
Toluene-D8	2037-26-5	100	%	70-130	09.17.13 19.36	
4-Bromofluorobenzene	460-00-4	99	%	70-135	09.17.13 19.36	

Final 1.000

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **EQB** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-017 Date Collected: 09.11.13 12.15

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 20.49	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 20.49		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 20.49		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 20.49		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 20.49		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 20.49		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 20.49		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 20.49	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 20.49		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 20.49		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 20.49		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 20.49		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 20.49		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 20.49		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 20.49		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 20.49	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 20.49		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 20.49		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 20.49		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 20.49		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 20.49		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 20.49		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 20.49		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 20.49		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 20.49		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 20.49		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 20.49		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 20.49		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 20.49		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 20.49		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 20.49		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	09.16.13 20.49		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 20.49		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 20.49		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 20.49		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 20.49		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 20.49		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 20.49		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 20.49		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **EQB** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-017 Date Collected: 09.11.13 12.15

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 20.49		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 20.49		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 20.49		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 20.49		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 20.49		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 20.49		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 20.49		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 20.49		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 20.49		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 20.49		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 20.49		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 20.49		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 20.49		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 20.49		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 20.49		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 20.49		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 20.49		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 20.49		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 20.49		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 20.49		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 20.49		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 20.49		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 20.49		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 20.49		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 20.49		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 20.49		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 20.49		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 20.49		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 20.49		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	69-133	09.16.13 20.49	
1,2-Dichloroethane-D4	17060-07-0	107	%	66-139	09.16.13 20.49	
Toluene-D8	2037-26-5	100	%	70-130	09.16.13 20.49	
4-Bromofluorobenzene	460-00-4	101	%	70-135	09.16.13 20.49	

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **Trip Blank** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-018 Date Collected: 09.11.13 12.15

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.16.13 21.14	L2	1
Benzene	71-43-2	<0.500	0.500	ug/L	09.16.13 21.14		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.16.13 21.14		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.16.13 21.14		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.16.13 21.14		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.16.13 21.14		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.16.13 21.14		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.16.13 21.14	L2	1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.16.13 21.14		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.16.13 21.14		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.16.13 21.14		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.16.13 21.14		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.16.13 21.14		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.16.13 21.14		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.16.13 21.14		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.16.13 21.14	N1	1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.16.13 21.14		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.16.13 21.14		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.16.13 21.14		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.16.13 21.14		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.16.13 21.14		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.16.13 21.14		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.16.13 21.14		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.16.13 21.14		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.16.13 21.14		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.16.13 21.14		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.16.13 21.14		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.16.13 21.14		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.16.13 21.14		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.16.13 21.14		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.16.13 21.14		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	09.16.13 21.14		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.16.13 21.14		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.16.13 21.14		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.16.13 21.14		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.16.13 21.14		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.16.13 21.14		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.16.13 21.14		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.16.13 21.14		1

Certificate of Analytical Results 470077

Terranext, Phoenix, AZ

WVBA

Sample Id: **Trip Blank** Matrix: Water Date Received:09.11.13 13.30

Lab Sample Id: 470077-018 Date Collected: 09.11.13 12.15

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: BLK % Moisture:

Analyst: BLK Date Prep: 09.16.13 09.48

Seq Number: 923029

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.16.13 21.14		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.16.13 21.14		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.16.13 21.14		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.16.13 21.14		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.16.13 21.14		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.16.13 21.14		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.16.13 21.14		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.16.13 21.14		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.16.13 21.14		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.16.13 21.14		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.16.13 21.14		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.16.13 21.14		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.16.13 21.14		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	09.16.13 21.14		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.16.13 21.14		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.16.13 21.14		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.16.13 21.14		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.16.13 21.14		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.16.13 21.14		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	09.16.13 21.14		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.16.13 21.14		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.16.13 21.14		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.16.13 21.14		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.16.13 21.14		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.16.13 21.14		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.16.13 21.14		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.16.13 21.14		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.16.13 21.14		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.16.13 21.14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	103	%	69-133	09.16.13 21.14	
1,2-Dichloroethane-D4	17060-07-0	111	%	66-139	09.16.13 21.14	
Toluene-D8	2037-26-5	103	%	70-130	09.16.13 21.14	
4-Bromofluorobenzene	460-00-4	103	%	70-135	09.16.13 21.14	

QC Summary 470077

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 923029 Matrix: Water Date Prep: 09.16.13
MB Sample Id: 643934-1-BLK LCS Sample Id: 643934-1-BKS LCSD Sample Id: 643934-1-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	<20.0	40	<20.0	45	55-165	12	28	ug/L	09.16.13 12:24	L2
Benzene	<0.500	20.0	16.3	82	18.5	93	70-130	13	20	ug/L	09.16.13 12:24	
Bromobenzene	<1.50	20.0	17.4	87	19.5	98	70-130	11	20	ug/L	09.16.13 12:24	
Bromochloromethane	<0.500	20.0	16.1	81	18.4	92	67-125	13	24	ug/L	09.16.13 12:24	
Bromodichloromethane	<0.500	20.0	15.2	76	17.6	88	70-130	15	20	ug/L	09.16.13 12:24	
Bromoform	<1.00	20.0	17.0	85	19.8	99	69-130	15	20	ug/L	09.16.13 12:24	
Bromomethane	<5.00	20.0	15.3	77	17.3	87	58-138	12	25	ug/L	09.16.13 12:24	
2-Butanone	<5.00	40.0	22.3	56	24.7	62	58-146	10	27	ug/L	09.16.13 12:24	L2
MTBE	<2.00	20.0	18.7	94	21.8	109	70-130	15	21	ug/L	09.16.13 12:24	
n-Butylbenzene	<2.50	20.0	15.4	77	16.4	82	58-128	6	20	ug/L	09.16.13 12:24	
Sec-Butylbenzene	<1.50	20.0	16.3	82	17.4	87	61-133	7	20	ug/L	09.16.13 12:24	
tert-Butylbenzene	<2.50	20.0	16.4	82	17.7	89	65-128	8	20	ug/L	09.16.13 12:24	
Carbon Disulfide	<0.500	20.0	16.6	83	19.0	95	59-138	13	22	ug/L	09.16.13 12:24	
Carbon Tetrachloride	<0.500	20.0	14.6	73	17.4	87	57-140	18	21	ug/L	09.16.13 12:24	
Chlorobenzene	<0.500	20.0	17.0	85	18.9	95	70-130	11	20	ug/L	09.16.13 12:24	
Chloroethane	<4.00	20.0	8.55	43	9.81	49	60-146	14	24	ug/L	09.16.13 12:24	N1
Chloroform	<0.500	20.0	15.4	77	17.6	88	66-128	13	24	ug/L	09.16.13 12:24	
Chloromethane	<5.00	20.0	19.5	98	22.8	114	47-144	16	26	ug/L	09.16.13 12:24	
2-Chlorotoluene	<1.50	20.0	16.7	84	18.3	92	70-130	9	20	ug/L	09.16.13 12:24	
4-Chlorotoluene	<2.00	20.0	16.2	81	17.8	89	70-130	9	28	ug/L	09.16.13 12:24	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	16.0	80	17.1	86	67-135	7	20	ug/L	09.16.13 12:24	
Dibromochloromethane	<0.500	20.0	17.1	86	19.3	97	70-130	12	20	ug/L	09.16.13 12:24	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	20.6	103	23.5	118	60-128	13	21	ug/L	09.16.13 12:24	
1,2-Dibromoethane	<0.500	20.0	18.6	93	20.8	104	70-130	11	20	ug/L	09.16.13 12:24	
Dibromomethane	<0.500	20.0	17.1	86	19.7	99	70-130	14	23	ug/L	09.16.13 12:24	
1,2-Dichlorobenzene	<1.50	20.0	17.0	85	18.9	95	70-130	11	20	ug/L	09.16.13 12:24	
1,3-Dichlorobenzene	<1.50	20.0	16.5	83	18.1	91	70-130	9	20	ug/L	09.16.13 12:24	
1,4-Dichlorobenzene	<1.50	20.0	16.4	82	18.0	90	70-130	9	20	ug/L	09.16.13 12:24	
Dichlorodifluoromethane	<2.00	20.0	21.1	106	24.2	121	9-134	14	27	ug/L	09.16.13 12:24	
1,1-Dichloroethane	<0.500	20.0	16.0	80	18.5	93	66-132	14	20	ug/L	09.16.13 12:24	
1,2-Dichloroethane	<0.500	20.0	15.9	80	18.2	91	70-130	13	20	ug/L	09.16.13 12:24	
1,1-Dichloroethene	<0.500	20.0	16.0	80	18.3	92	58-144	13	21	ug/L	09.16.13 12:24	
cis-1,2-Dichloroethene	<0.500	20.0	16.1	81	18.4	92	67-129	13	24	ug/L	09.16.13 12:24	
trans-1,2-dichloroethene	<0.500	20.0	16.4	82	18.9	95	63-137	14	21	ug/L	09.16.13 12:24	
1,2-Dichloropropane	<0.500	20.0	16.2	81	18.4	92	70-130	13	20	ug/L	09.16.13 12:24	
1,3-Dichloropropane	<1.00	20.0	18.3	92	20.8	104	70-130	13	20	ug/L	09.16.13 12:24	
2,2-Dichloropropane	<0.500	20.0	16.4	82	18.8	94	60-141	14	24	ug/L	09.16.13 12:24	
1,1-Dichloropropene	<1.00	20.0	16.5	83	18.8	94	64-135	13	20	ug/L	09.16.13 12:24	
cis-1,3-Dichloropropene	<1.00	20.0	16.5	83	18.7	94	70-130	13	20	ug/L	09.16.13 12:24	
trans-1,3-dichloropropene	<0.500	20.0	17.0	85	19.0	95	70-130	11	20	ug/L	09.16.13 12:24	
Ethylbenzene	<2.00	20.0	16.8	84	18.6	93	70-130	10	20	ug/L	09.16.13 12:24	
Hexachlorobutadiene	<5.00	20.0	14.1	71	15.1	76	54-145	7	22	ug/L	09.16.13 12:24	
2-Hexanone	<5.00	40.0	37.9	95	44.0	110	65-129	15	20	ug/L	09.16.13 12:24	
isopropylbenzene	<2.50	20.0	17.0	85	18.5	93	70-130	8	20	ug/L	09.16.13 12:24	
Methylene Chloride	<3.00	20.0	15.6	78	17.8	89	61-127	13	20	ug/L	09.16.13 12:24	
Iodomethane (Methyl Iodide)	<2.00	20.0	15.4	77	18.3	92	68-128	17	22	ug/L	09.16.13 12:24	
4-Methyl-2-Pentanone	<5.00	40.0	35.2	88	40.1	100	67-131	13	21	ug/L	09.16.13 12:24	
Naphthalene	<5.00	20.0	18.1	91	21.8	109	64-133	19	27	ug/L	09.16.13 12:24	
n-Propylbenzene	<2.00	20.0	16.4	82	17.6	88	65-128	7	20	ug/L	09.16.13 12:24	
Styrene	<1.00	20.0	17.1	86	19.3	97	70-130	12	20	ug/L	09.16.13 12:24	
1,1,1,2-Tetrachloroethane	<0.500	20.0	16.2	81	18.7	94	70-130	14	20	ug/L	09.16.13 12:24	
1,1,2,2-Tetrachloroethane	<0.500	20.0	19.9	100	22.4	112	70-130	12	20	ug/L	09.16.13 12:24	

QC Summary 470077

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 923029 Matrix: Water Date Prep: 09.16.13
MB Sample Id: 643934-1-BLK LCS Sample Id: 643934-1-BKS LCSD Sample Id: 643934-1-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	16.1	81	18.0	90	63-127	11	20	ug/L	09.16.13 12:24	
Toluene	<2.00	20.0	17.2	86	19.4	97	70-130	12	20	ug/L	09.16.13 12:24	
1,2,3-Trichlorobenzene	<5.00	20.0	16.0	80	18.7	94	66-131	16	27	ug/L	09.16.13 12:24	
1,2,4-Trichlorobenzene	<5.00	20.0	16.0	80	18.2	91	69-127	13	20	ug/L	09.16.13 12:24	
1,1,1-Trichloroethane	<0.500	20.0	16.4	82	18.8	94	62-133	14	20	ug/L	09.16.13 12:24	
1,1,2-Trichloroethane	<0.500	20.0	16.4	82	19.0	95	70-130	15	20	ug/L	09.16.13 12:24	
Trichloroethene	<0.500	20.0	16.5	83	18.5	93	70-130	11	20	ug/L	09.16.13 12:24	
Trichlorofluoromethane	<2.00	20.0	16.2	81	18.6	93	45-151	14	22	ug/L	09.16.13 12:24	
1,2,3-Trichloropropane	<1.00	20.0	19.0	95	21.6	108	70-130	13	20	ug/L	09.16.13 12:24	
1,2,4-Trimethylbenzene	<2.00	20.0	16.4	82	17.9	90	70-130	9	20	ug/L	09.16.13 12:24	
1,3,5-Trimethylbenzene	<1.50	20.0	16.5	83	18.0	90	70-130	9	20	ug/L	09.16.13 12:24	
o-Xylene	<1.00	20.0	16.1	81	18.0	90	70-130	11	20	ug/L	09.16.13 12:24	
m,p-Xylenes	<2.00	40.0	33.0	83	36.6	92	70-130	10	20	ug/L	09.16.13 12:24	
Vinyl Acetate	<5.00	20.0	16.6	83	20.7	104	52-142	22	22	ug/L	09.16.13 12:24	
Vinyl Chloride	<0.500	20.0	16.7	84	18.9	95	43-120	12	25	ug/L	09.16.13 12:24	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	99		89		94		69-133	%	09.16.13 12:24
1,2-Dichloroethane-D4	102		91		98		66-139	%	09.16.13 12:24
Toluene-D8	99		96		97		70-130	%	09.16.13 12:24
4-Bromofluorobenzene	88		91		93		70-135	%	09.16.13 12:24

QC Summary 470077

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 923075 Matrix: Water Date Prep: 09.17.13
MB Sample Id: 643963-1-BLK LCS Sample Id: 643963-1-BKS LCSD Sample Id: 643963-1-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	52.4	131	47.1	118	55-165	11	28	ug/L	09.17.13 10:06	
Benzene	<0.500	20.0	23.8	119	22.3	112	70-130	7	20	ug/L	09.17.13 10:06	
Bromobenzene	<1.50	20.0	22.4	112	22.2	111	70-130	1	20	ug/L	09.17.13 10:06	
Bromochloromethane	<0.500	20.0	23.7	119	22.6	113	67-125	5	24	ug/L	09.17.13 10:06	
Bromodichloromethane	<0.500	20.0	21.9	110	21.1	106	70-130	4	20	ug/L	09.17.13 10:06	
Bromoform	<1.00	20.0	22.8	114	22.6	113	69-130	1	20	ug/L	09.17.13 10:06	
Bromomethane	<5.00	20.0	19.2	96	17.2	86	58-138	11	25	ug/L	09.17.13 10:06	
2-Butanone	<5.00	40.0	53.4	134	48.7	122	58-146	9	27	ug/L	09.17.13 10:06	
MTBE	<2.00	20.0	27.7	139	25.0	125	70-130	10	21	ug/L	09.17.13 10:06	L1V1
n-Butylbenzene	<2.50	20.0	23.0	115	22.2	111	58-128	4	20	ug/L	09.17.13 10:06	
Sec-Butylbenzene	<1.50	20.0	22.4	112	21.8	109	61-133	3	20	ug/L	09.17.13 10:06	
tert-Butylbenzene	<2.50	20.0	22.3	112	21.7	109	65-128	3	20	ug/L	09.17.13 10:06	
Carbon Disulfide	<0.500	20.0	23.7	119	22.3	112	59-138	6	22	ug/L	09.17.13 10:06	
Carbon Tetrachloride	<0.500	20.0	18.8	94	18.7	94	57-140	1	21	ug/L	09.17.13 10:06	
Chlorobenzene	<0.500	20.0	24.0	120	23.2	116	70-130	3	20	ug/L	09.17.13 10:06	
Chloroethane	<4.00	20.0	8.19	41	6.62	33	60-146	22	24	ug/L	09.17.13 10:06	L2
Chloroform	<0.500	20.0	23.4	117	21.4	107	66-128	9	24	ug/L	09.17.13 10:06	
Chloromethane	<5.00	20.0	26.3	132	27.1	136	47-144	3	26	ug/L	09.17.13 10:06	
2-Chlorotoluene	<1.50	20.0	22.1	111	21.8	109	70-130	1	20	ug/L	09.17.13 10:06	
4-Chlorotoluene	<2.00	20.0	22.2	111	21.5	108	70-130	3	28	ug/L	09.17.13 10:06	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	22.8	114	22.0	110	67-135	4	20	ug/L	09.17.13 10:06	
Dibromochloromethane	<0.500	20.0	22.3	112	21.8	109	70-130	2	20	ug/L	09.17.13 10:06	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	25.4	127	24.1	121	60-128	5	21	ug/L	09.17.13 10:06	
1,2-Dibromoethane	<0.500	20.0	24.8	124	23.6	118	70-130	5	20	ug/L	09.17.13 10:06	
Dibromomethane	<0.500	20.0	25.0	125	23.8	119	70-130	5	23	ug/L	09.17.13 10:06	
1,2-Dichlorobenzene	<1.50	20.0	23.4	117	22.6	113	70-130	3	20	ug/L	09.17.13 10:06	
1,3-Dichlorobenzene	<1.50	20.0	22.9	115	22.0	110	70-130	4	20	ug/L	09.17.13 10:06	
1,4-Dichlorobenzene	<1.50	20.0	22.9	115	22.1	111	70-130	4	20	ug/L	09.17.13 10:06	
Dichlorodifluoromethane	<2.00	20.0	24.9	125	23.9	120	9-134	4	27	ug/L	09.17.13 10:06	
1,1-Dichloroethane	<0.500	20.0	23.7	119	21.6	108	66-132	9	20	ug/L	09.17.13 10:06	
1,2-Dichloroethane	<0.500	20.0	23.5	118	21.1	106	70-130	11	20	ug/L	09.17.13 10:06	
1,1-Dichloroethene	<0.500	20.0	22.9	115	21.3	107	58-144	7	21	ug/L	09.17.13 10:06	
cis-1,2-Dichloroethene	<0.500	20.0	23.9	120	22.3	112	67-129	7	24	ug/L	09.17.13 10:06	
trans-1,2-dichloroethene	<0.500	20.0	23.9	120	22.0	110	63-137	8	21	ug/L	09.17.13 10:06	
1,2-Dichloropropane	<0.500	20.0	24.0	120	22.3	112	70-130	7	20	ug/L	09.17.13 10:06	
1,3-Dichloropropane	<1.00	20.0	24.3	122	23.0	115	70-130	5	20	ug/L	09.17.13 10:06	
2,2-Dichloropropane	<0.500	20.0	24.5	123	21.8	109	60-141	12	24	ug/L	09.17.13 10:06	
1,1-Dichloropropene	<1.00	20.0	23.5	118	21.9	110	64-135	7	20	ug/L	09.17.13 10:06	
cis-1,3-Dichloropropene	<1.00	20.0	25.1	126	23.6	118	70-130	6	20	ug/L	09.17.13 10:06	
trans-1,3-dichloropropene	<0.500	20.0	26.0	130	24.4	122	70-130	6	20	ug/L	09.17.13 10:06	V1
Ethylbenzene	<2.00	20.0	24.4	122	23.2	116	70-130	5	20	ug/L	09.17.13 10:06	
Hexachlorobutadiene	<5.00	20.0	22.7	114	21.0	105	54-145	8	22	ug/L	09.17.13 10:06	
2-Hexanone	<5.00	40.0	59.6	149	54.0	135	65-129	10	20	ug/L	09.17.13 10:06	L1V1
isopropylbenzene	<2.50	20.0	21.7	109	21.6	108	70-130	0	20	ug/L	09.17.13 10:06	
Methylene Chloride	<3.00	20.0	23.2	116	22.1	111	61-127	5	20	ug/L	09.17.13 10:06	
Iodomethane (Methyl Iodide)	<2.00	20.0	19.1	96	21.5	108	68-128	12	22	ug/L	09.17.13 10:06	
4-Methyl-2-Pentanone	<5.00	40.0	52.8	132	48.8	122	67-131	8	21	ug/L	09.17.13 10:06	L1V1
Naphthalene	<5.00	20.0	22.4	112	21.5	108	64-133	4	27	ug/L	09.17.13 10:06	
n-Propylbenzene	<2.00	20.0	22.0	110	21.6	108	65-128	2	20	ug/L	09.17.13 10:06	
Styrene	<1.00	20.0	25.8	129	24.7	124	70-130	4	20	ug/L	09.17.13 10:06	
1,1,1,2-Tetrachloroethane	<0.500	20.0	23.0	115	22.1	111	70-130	4	20	ug/L	09.17.13 10:06	
1,1,2,2-Tetrachloroethane	<0.500	20.0	23.4	117	22.6	113	70-130	3	20	ug/L	09.17.13 10:06	

QC Summary 470077

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 923075 Matrix: Water Date Prep: 09.17.13
MB Sample Id: 643963-1-BLK LCS Sample Id: 643963-1-BKS LCSD Sample Id: 643963-1-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	20.7	104	63-127	6	20	ug/L	09.17.13 10:06	
Toluene	<2.00	20.0	23.5	118	22.2	111	70-130	6	20	ug/L	09.17.13 10:06	
1,2,3-Trichlorobenzene	<5.00	20.0	20.4	102	17.8	89	66-131	14	27	ug/L	09.17.13 10:06	
1,2,4-Trichlorobenzene	<5.00	20.0	23.5	118	21.4	107	69-127	9	20	ug/L	09.17.13 10:06	
1,1,1-Trichloroethane	<0.500	20.0	24.2	121	21.9	110	62-133	10	20	ug/L	09.17.13 10:06	
1,1,2-Trichloroethane	<0.500	20.0	24.4	122	23.6	118	70-130	3	20	ug/L	09.17.13 10:06	
Trichloroethene	<0.500	20.0	24.3	122	22.7	114	70-130	7	20	ug/L	09.17.13 10:06	
Trichlorofluoromethane	<2.00	20.0	21.6	108	20.8	104	45-151	4	22	ug/L	09.17.13 10:06	
1,2,3-Trichloropropane	<1.00	20.0	22.5	113	21.8	109	70-130	3	20	ug/L	09.17.13 10:06	
1,2,4-Trimethylbenzene	<2.00	20.0	22.7	114	22.2	111	70-130	2	20	ug/L	09.17.13 10:06	
1,3,5-Trimethylbenzene	<1.50	20.0	22.6	113	22.0	110	70-130	3	20	ug/L	09.17.13 10:06	
o-Xylene	<1.00	20.0	23.8	119	22.8	114	70-130	4	20	ug/L	09.17.13 10:06	
m,p-Xylenes	<2.00	40.0	48.3	121	46.0	115	70-130	5	20	ug/L	09.17.13 10:06	
Vinyl Acetate	<5.00	20.0	30.0	150	25.5	128	52-142	16	22	ug/L	09.17.13 10:06	L1V1
Vinyl Chloride	<0.500	20.0	23.3	117	22.7	114	43-120	3	25	ug/L	09.17.13 10:06	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	101		114		103		69-133	%	09.17.13 10:06
1,2-Dichloroethane-D4	103		115		103		66-139	%	09.17.13 10:06
Toluene-D8	103		110		101		70-130	%	09.17.13 10:06
4-Bromofluorobenzene	101		99		97		70-135	%	09.17.13 10:06

QC Summary 470077

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 923029 Matrix: Water Date Prep: 09.16.13
Parent Sample Id: 470077-001 MS Sample Id: 470077-001 S MSD Sample Id: 470077-001 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	18.6	47	20	50	35-160	7	20	ug/L	09.16.13 13:40	
Benzene	<0.500	20.0	17.5	88	17.6	88	69-130	1	20	ug/L	09.16.13 13:40	
Bromobenzene	<1.50	20.0	19.2	96	20.1	101	70-130	5	20	ug/L	09.16.13 13:40	
Bromochloromethane	<0.500	20.0	17.8	89	18.6	93	63-119	4	22	ug/L	09.16.13 13:40	
Bromodichloromethane	5.81	20.0	23.9	90	24.2	92	70-130	1	20	ug/L	09.16.13 13:40	
Bromoform	<1.00	20.0	19.8	99	20.7	104	57-121	4	20	ug/L	09.16.13 13:40	
Bromomethane	<5.00	20.0	14.7	74	15.1	76	53-141	3	22	ug/L	09.16.13 13:40	
2-Butanone	<5.00	40.0	25.2	63	27.4	69	46-136	8	22	ug/L	09.16.13 13:40	
MTBE	<2.00	20.0	22.4	112	23.6	118	65-127	5	20	ug/L	09.16.13 13:40	
n-Butylbenzene	<2.50	20.0	15.4	77	15.1	76	65-127	2	20	ug/L	09.16.13 13:40	
Sec-Butylbenzene	<1.50	20.0	16.5	83	16.7	84	70-130	1	20	ug/L	09.16.13 13:40	
tert-Butylbenzene	<2.50	20.0	16.8	84	17.3	87	70-130	3	20	ug/L	09.16.13 13:40	
Carbon Disulfide	<0.500	20.0	17.3	87	17.6	88	58-145	2	28	ug/L	09.16.13 13:40	
Carbon Tetrachloride	<0.500	20.0	16.6	83	17.7	89	60-152	6	20	ug/L	09.16.13 13:40	
Chlorobenzene	<0.500	20.0	18.2	91	18.0	90	70-130	1	20	ug/L	09.16.13 13:40	
Chloroethane	<4.00	20.0	8.79	44	3.29	16	59-153	46	20	ug/L	09.16.13 13:40	N1R2
Chloroform	7.96	20.0	24.8	84	25.2	86	65-123	2	22	ug/L	09.16.13 13:40	
Chloromethane	<5.00	20.0	20.9	105	21.4	107	47-148	2	22	ug/L	09.16.13 13:40	
2-Chlorotoluene	<1.50	20.0	17.6	88	18.1	91	70-130	3	20	ug/L	09.16.13 13:40	
4-Chlorotoluene	<2.00	20.0	17.3	87	17.5	88	70-130	1	20	ug/L	09.16.13 13:40	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	16.1	81	16.0	80	70-130	1	20	ug/L	09.16.13 13:40	
Dibromochloromethane	3.36	20.0	22.3	95	22.8	97	70-130	2	20	ug/L	09.16.13 13:40	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	23.8	119	24.4	122	50-117	2	22	ug/L	09.16.13 13:40	M1
1,2-Dibromoethane	<0.500	20.0	20.7	104	21.2	106	67-117	2	20	ug/L	09.16.13 13:40	
Dibromomethane	<0.500	20.0	19.3	97	19.6	98	66-115	2	20	ug/L	09.16.13 13:40	
1,2-Dichlorobenzene	<1.50	20.0	18.5	93	18.7	94	70-130	1	20	ug/L	09.16.13 13:40	
1,3-Dichlorobenzene	<1.50	20.0	17.5	88	17.6	88	70-130	1	20	ug/L	09.16.13 13:40	
1,4-Dichlorobenzene	<1.50	20.0	17.7	89	17.7	89	70-130	0	20	ug/L	09.16.13 13:40	
Dichlorodifluoromethane	<2.00	20.0	21.2	106	20.8	104	16-151	2	33	ug/L	09.16.13 13:40	
1,1-Dichloroethane	<0.500	20.0	17.5	88	18.0	90	66-129	3	20	ug/L	09.16.13 13:40	
1,2-Dichloroethane	<0.500	20.0	18.3	92	19.0	95	64-126	4	20	ug/L	09.16.13 13:40	
1,1-Dichloroethene	0.510	20.0	17.0	82	17.4	84	65-152	2	20	ug/L	09.16.13 13:40	
cis-1,2-Dichloroethene	0.670	20.0	18.0	87	18.5	89	66-126	3	20	ug/L	09.16.13 13:40	
trans-1,2-dichloroethene	<0.500	20.0	17.5	88	17.8	89	66-135	2	20	ug/L	09.16.13 13:40	
1,2-Dichloropropane	<0.500	20.0	18.0	90	18.1	91	70-130	1	20	ug/L	09.16.13 13:40	
1,3-Dichloropropane	<1.00	20.0	20.4	102	20.8	104	67-115	2	20	ug/L	09.16.13 13:40	
2,2-Dichloropropane	<0.500	20.0	17.4	87	17.7	89	62-145	2	20	ug/L	09.16.13 13:40	
1,1-Dichloropropene	<1.00	20.0	17.1	86	17.4	87	72-140	2	20	ug/L	09.16.13 13:40	
cis-1,3-Dichloropropene	<1.00	20.0	18.7	94	18.7	94	67-122	0	20	ug/L	09.16.13 13:40	
trans-1,3-dichloropropene	<0.500	20.0	19.5	98	19.5	98	70-130	0	20	ug/L	09.16.13 13:40	
Ethylbenzene	<2.00	20.0	17.6	88	17.4	87	70-130	1	20	ug/L	09.16.13 13:40	
Hexachlorobutadiene	<5.00	20.0	14.5	73	12.5	63	68-143	15	20	ug/L	09.16.13 13:40	M2
2-Hexanone	<5.00	40.0	43.5	109	45.9	115	52-122	5	33	ug/L	09.16.13 13:40	
isopropylbenzene	<2.50	20.0	17.5	88	18.5	93	70-130	6	20	ug/L	09.16.13 13:40	
Methylene Chloride	<3.00	20.0	17.1	86	17.7	89	59-121	3	20	ug/L	09.16.13 13:40	
Iodomethane (Methyl Iodide)	<2.00	20.0	16.7	84	17.1	86	66-127	2	20	ug/L	09.16.13 13:40	
4-Methyl-2-Pentanone	<5.00	40.0	41.9	105	43.9	110	53-125	5	20	ug/L	09.16.13 13:40	
Naphthalene	<5.00	20.0	20.9	105	19.8	99	54-129	5	26	ug/L	09.16.13 13:40	
n-Propylbenzene	<2.00	20.0	16.6	83	17.1	86	69-126	3	20	ug/L	09.16.13 13:40	
Styrene	<1.00	20.0	18.5	93	18.3	92	49-142	1	37	ug/L	09.16.13 13:40	
1,1,1,2-Tetrachloroethane	<0.500	20.0	18.1	91	18.6	93	70-130	3	20	ug/L	09.16.13 13:40	
1,1,2,2-Tetrachloroethane	<0.500	20.0	22.3	112	24.5	123	64-122	9	20	ug/L	09.16.13 13:40	M1

QC Summary 470077

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 923029 Matrix: Water Date Prep: 09.16.13
Parent Sample Id: 470077-001 MS Sample Id: 470077-001 S MSD Sample Id: 470077-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	0.900	20.0	17.0	81	16.9	80	69-130	1	20	ug/L	09.16.13 13:40	
Toluene	<2.00	20.0	18.2	91	18.1	91	70-130	1	20	ug/L	09.16.13 13:40	
1,2,3-Trichlorobenzene	<5.00	20.0	18.7	94	16.6	83	61-126	12	24	ug/L	09.16.13 13:40	
1,2,4-Trichlorobenzene	<5.00	20.0	18.1	91	15.9	80	64-123	13	20	ug/L	09.16.13 13:40	
1,1,1-Trichloroethane	<0.500	20.0	17.5	88	17.9	90	68-136	2	20	ug/L	09.16.13 13:40	
1,1,2-Trichloroethane	<0.500	20.0	18.8	94	19.4	97	65-112	3	20	ug/L	09.16.13 13:40	
Trichloroethene	3.85	20.0	20.9	85	21.1	86	70-130	1	20	ug/L	09.16.13 13:40	
Trichlorofluoromethane	<2.00	20.0	16.8	84	17.4	87	53-171	4	20	ug/L	09.16.13 13:40	
1,2,3-Trichloropropane	<1.00	20.0	21.5	108	24.8	124	58-116	14	20	ug/L	09.16.13 13:40	M1
1,2,4-Trimethylbenzene	<2.00	20.0	17.3	87	17.4	87	67-128	1	22	ug/L	09.16.13 13:40	
1,3,5-Trimethylbenzene	<1.50	20.0	17.3	87	17.7	89	70-130	2	20	ug/L	09.16.13 13:40	
o-Xylene	<1.00	20.0	17.2	86	17.0	85	70-130	1	20	ug/L	09.16.13 13:40	
m,p-Xylenes	<2.00	40.0	34.5	86	34.0	85	70-130	1	20	ug/L	09.16.13 13:40	
Vinyl Acetate	<5.00	20.0	23.1	116	24.3	122	43-133	5	23	ug/L	09.16.13 13:40	
Vinyl Chloride	<0.500	20.0	16.9	85	17.3	87	46-132	2	21	ug/L	09.16.13 13:40	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	99		101		69-133	%	09.16.13 13:40
1,2-Dichloroethane-D4	103		106		66-139	%	09.16.13 13:40
Toluene-D8	103		100		70-130	%	09.16.13 13:40
4-Bromofluorobenzene	99		101		70-135	%	09.16.13 13:40

Chain of Custody

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Work Order No: 470077

Page 1 of 2

Project Manager:	Chuck Gordon	Bill to: (if different)	
Company Name:	Terranext	Company Name:	
Address:	4050 E. Cotton Center Blvd #73	Address:	
City, State ZIP:	Phoenix, AZ 85040	City, State ZIP:	
Phone:	480-496-4100	Email:	cgordon@terranext.net

SAME

Work Order Comments

Project Name:	WVBA
Project Number:	3154-25
P.O. Number:	ANDY MACHUGH
Sampler's Name:	BYRON SCHNEID

SAMPLE RECEIPT

Temperature (°C):	5.8	Temp Blank Present:	Y
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: 7-day

Final Due Date: 10-day

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics 8260B [x] / 624 [ ] / 524.2 [ ]	Acrylonitrile [ ] / 2-CEVE [ ] / Acrolein [ ] / 8260B [ ] / 624 [ ]	Semi-Volatile Organics 8270C [ ] / 625 [ ]	Organochlorine Pesticides 8081A [ ] / 608 [ ]	Oil & Grease (1664-HEM) [ ] / TPH (1664-HEM-SGT) [ ]	Metals (See Below) Total [ ] Hardness [ ] Ca Hardness [ ]	Metals (See Below) Dissolved [ ] TCLP [ ]	Total Hexavalent Cr [ ] / Dissolved Hexavalent Cr [ ]	Total Cyanide [ ] / Amenable (Free) Cyanide [ ]	BOD [ ]	pH [ ] Cond. [ ] Alk [ ] TDS [ ] / Cl [ ] SO4 [ ] F [ ] Ortho-P [ ]	NO2 [ ] NO3 (300.0) [ ]	NO2+NO3 (353.2) [ ]	TKN [ ] NH3 [ ] / COD [ ] Total-P [ ]	Colilert [ ] E. Coli (CFU/MPN) / HPC [ ] Fecal (CFU/MPN)				Sample Comments
43A Cond	H2O	9/11/13	7:15	1	3	X																		
67A Cond			801	2																				
83A Cond			829	3																				
Salt Cond			851	4																				
RID-114			933	5																				
RID-104			949	6																				
RID-102			1004	7																				
RID-103			1019	8																				
RID-115			1026	9																				
RID-101			1030	10																				

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
[signature]	[signature]	9/11/13@ 1253
[signature]	[signature]	9/11/13@ 1330

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C.O.C. Serial # 16901

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Work Order No: 470077

Page 2 of 2

Project Manager:	Chuck Gordon	Bill to: (if different)	
Company Name:	Terranext	Company Name:	
Address:	4050 E. Cotton Center Blvd, #77	Address:	
City, State ZIP:	Phoenix AZ 85040	City, State ZIP:	
Phone:	480-496-4100	Email:	cgordon@terranext.net

Work Order Comments

Project Name:	WVBA
Project Number:	3154-25
P.O. Number:	ANDY MACHUGH
Sampler's Name:	BYRON SCHMEID

SAMPLE RECEIPT

Temperature (°C):	5.8	Temp Blank Present:	Y
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: ☑ Routine ☐ Rush - Prelim ☐ Rush - Final

Prelim Due Date: 7-day

Final Due Date: 10-day

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics 624 ☐ 524.2 ☐ 8260B ☒	Acrolein ☐ Acrylonitrile ☐ 2-CEVE ☐ 8260B ☐ 624 ☐	Semi-Volatile Organics 8270C ☐ 625 ☐	Organochlorine Pesticides 8081A ☐ 608 ☐	Oil & Grease (1664-HEM) ☐ TPH (1664-HEM-SGT) ☐	Metals (See Below) Total ☐ Hardness ☐ Ca Hardness ☐	Metals (See Below) Dissolved ☐ TCLP ☐	Total Hexavalent Cr ☐ Dissolved Hexavalent Cr ☐	Total Cyanide ☐ Amenable (Free) Cyanide ☐	BOD ☐	pH ☐ Cond. ☐ Alk ☐ TDS ☐ TSS ☐ Cl ☐ SO4 ☐ F ☐ Ortho-P ☐	NO2 ☐ NO3 (300.0) ☐	NO2+NO3 (353.2) ☐	TKN ☐ NH3 ☐ COD ☐ Total-P ☐	Coliform ☐ E. Coli (CFU/MPN) ☐ HPC ☐ Fecal (CFU/MPN) ☐				Sample Comments
RID-95	H_2O	9/11/13	1059	11	3	X																		
RID-93			1116	12																				
RID-91			1128	13																				
RID-92			1139	14																				
RID-90			1157	15																				
RID-89			1206	16																				
EQB			1215	17																				
Trip Blank			—	18	1																			

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	[signature]	[signature]	9/11/13 @ 1253
2	[signature]	[signature]	9/11/13 @ 1330
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 # 17946

TRANS WEST ANALYTICAL

Sample Receipt Checklist

Client Name: Terranext

Date and Time Received: 9-11-13 1330

Work Order Number: 470077

Checked by: CL

Checklist completed by: CL Date: 9-11-13

Logged In by: BLH Date: 9/11/13

Matrix: Water Courier Name: Client Xenco _____

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: 5-8 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: _____

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: _____

Radiological Screening: ____ Yes ____ No

If yes, indicate results greater than 2x background _____

Analytical Report 470705

for

Terranext

Project Manager: Chuck Gordon

WVBA

03103154

08-OCT-13

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)

08-OCT-13

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

Reference: TWA Report No(s): **470705**
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) 470705. 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. 470705 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.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Odessa - San Antonio - Tampa - Lakeland - Atlanta - Phoenix - Oklahoma - Latin America

CASE NARRATIVE

Client Name: Terranext
Project Name: WVBA

Project ID: *03103154*
Work Order Number(s): *470705*

Report Date: *08-OCT-13*
Date Received: *09/23/2013*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-924152 VOCs by EPA 8260B
N1:
Bromomethane recovered above accpetance criteria in the LCS/LCSD and MS/MSD. This equates to a potential high bias. Since the associated field samples were non-detect for Bromomethane, 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.

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

N1 See case narrative.

Sample Cross Reference 470705

Terranext, Phoenix, AZ

WVBA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TB	W	09-23-13 07:00		470705-001
RID-105	W	09-23-13 07:50		470705-002
RID-105D	W	09-23-13 07:55		470705-003
RID-106	W	09-23-13 08:16		470705-004
RID-107	W	09-23-13 08:56		470705-005
RID-108	W	09-23-13 09:07		470705-006
RID-109	W	09-23-13 09:18		470705-007
RID-110	W	09-23-13 09:27		470705-008
RID-111R	W	09-23-13 09:43		470705-009
RID-112	W	09-23-13 09:53		470705-010
RID-113	W	09-23-13 10:03		470705-011
RID-100	W	09-23-13 10:20		470705-012
RID-99	W	09-23-13 10:32		470705-013
RID-94	W	09-23-13 10:50		470705-014
RID-88	W	09-23-13 11:07		470705-015
RID-87	W	09-23-13 11:20		470705-016
RID-86	W	09-23-13 11:36		470705-017
RID-85	W	09-23-13 11:50		470705-018
RID-84	W	09-23-13 12:04		470705-019
RID-82	W	09-23-13 12:25		470705-020
RID-82EB	W	09-23-13 12:35		470705-021

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **TB**
Lab Sample Id: 470705-001

Matrix: Water
Date Collected: 09.23.13 07.00

Date Received: 09.23.13 15.30

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 924515

Date Prep: 10.02.13 17.29

Prep Method: SW5030C
% Moisture:

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 19.42		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 19.42		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 19.42		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 19.42		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 19.42		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 19.42		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 19.42		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 19.42		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 19.42		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 19.42		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 19.42		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 19.42		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 19.42		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 19.42		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 19.42		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 19.42		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 19.42		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 19.42		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 19.42		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 19.42		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 19.42		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 19.42		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 19.42		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 19.42		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 19.42		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 19.42		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 19.42		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 19.42		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 19.42		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 19.42		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 19.42		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.02.13 19.42		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 19.42		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 19.42		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 19.42		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 19.42		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 19.42		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 19.42		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 19.42		1

Final 1.000

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **TB**
Lab Sample Id: 470705-001

Matrix: Water
Date Collected: 09.23.13 07.00

Date Received: 09.23.13 15.30

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 924515

Date Prep: 10.02.13 17.29

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	10.02.13 19.42		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 19.42		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 19.42		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 19.42		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 19.42		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 19.42		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 19.42		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 19.42		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 19.42		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 19.42		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 19.42		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 19.42		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 19.42		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	10.02.13 19.42		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 19.42		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 19.42		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 19.42		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 19.42		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 19.42		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.02.13 19.42		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 19.42		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 19.42		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 19.42		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 19.42		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 19.42		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 19.42		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 19.42		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 19.42		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 19.42		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	96	%	69-133	10.02.13 19.42	
1,2-Dichloroethane-D4	17060-07-0	97	%	66-139	10.02.13 19.42	
Toluene-D8	2037-26-5	96	%	70-130	10.02.13 19.42	
4-Bromofluorobenzene	460-00-4	91	%	70-135	10.02.13 19.42	

Final 1.000

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-105** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-002 Date Collected: 09.23.13 07.50

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 19.02		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 19.02		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 19.02		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 19.02		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 19.02		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 19.02		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 19.02	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 19.02		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 19.02		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 19.02		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 19.02		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 19.02		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.25.13 19.02		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 19.02		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 19.02		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 19.02		1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.25.13 19.02		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 19.02		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 19.02		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 19.02		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 19.02		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 19.02		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 19.02		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 19.02		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 19.02		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 19.02		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 19.02		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 19.02		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 19.02		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 19.02		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 19.02		1
1,1-Dichloroethene	75-35-4	**0.680**	0.500	ug/L	09.25.13 19.02		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.25.13 19.02		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 19.02		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 19.02		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 19.02		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 19.02		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 19.02		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 19.02		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-105** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-002 Date Collected: 09.23.13 07.50

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 19.02		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 19.02		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 19.02		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 19.02		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 19.02		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 19.02		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 19.02		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 19.02		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 19.02		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 19.02		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 19.02		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 19.02		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 19.02		1
Tetrachloroethylene	127-18-4	**2.54**	0.500	ug/L	09.25.13 19.02		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 19.02		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 19.02		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 19.02		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 19.02		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 19.02		1
Trichloroethene	79-01-6	**0.540**	0.500	ug/L	09.25.13 19.02		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 19.02		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 19.02		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 19.02		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 19.02		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 19.02		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 19.02		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 19.02		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 19.02		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 19.02		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	116	%	69-133	09.25.13 19.02	
1,2-Dichloroethane-D4	17060-07-0	110	%	66-139	09.25.13 19.02	
Toluene-D8	2037-26-5	102	%	70-130	09.25.13 19.02	
4-Bromofluorobenzene	460-00-4	100	%	70-135	09.25.13 19.02	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-105D** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-003 Date Collected: 09.23.13 07.55

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 19.27		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 19.27		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 19.27		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 19.27		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 19.27		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 19.27		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 19.27	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 19.27		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 19.27		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 19.27		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 19.27		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 19.27		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.25.13 19.27		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 19.27		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 19.27		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 19.27		1
Chloroform	67-66-3	<0.500	0.500	ug/L	09.25.13 19.27		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 19.27		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 19.27		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 19.27		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 19.27		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 19.27		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 19.27		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 19.27		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 19.27		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 19.27		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 19.27		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 19.27		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 19.27		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 19.27		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 19.27		1
1,1-Dichloroethene	75-35-4	**0.690**	0.500	ug/L	09.25.13 19.27		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.25.13 19.27		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 19.27		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 19.27		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 19.27		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 19.27		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 19.27		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 19.27		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-105D** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-003 Date Collected: 09.23.13 07.55

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 19.27		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 19.27		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 19.27		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 19.27		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 19.27		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 19.27		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 19.27		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 19.27		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 19.27		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 19.27		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 19.27		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 19.27		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 19.27		1
Tetrachloroethylene	127-18-4	**2.72**	0.500	ug/L	09.25.13 19.27		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 19.27		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 19.27		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 19.27		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 19.27		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 19.27		1
Trichloroethene	79-01-6	**0.570**	0.500	ug/L	09.25.13 19.27		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 19.27		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 19.27		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 19.27		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 19.27		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 19.27		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 19.27		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 19.27		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 19.27		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 19.27		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	118	%	69-133	09.25.13 19.27	
1,2-Dichloroethane-D4	17060-07-0	108	%	66-139	09.25.13 19.27	
Toluene-D8	2037-26-5	100	%	70-130	09.25.13 19.27	
4-Bromofluorobenzene	460-00-4	99	%	70-135	09.25.13 19.27	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-106** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-004 Date Collected: 09.23.13 08.16

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 19.52		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 19.52		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 19.52		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 19.52		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 19.52		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 19.52		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 19.52	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 19.52		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 19.52		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 19.52		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 19.52		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 19.52		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.25.13 19.52		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 19.52		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 19.52		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 19.52		1
Chloroform	67-66-3	**1.66**	0.500	ug/L	09.25.13 19.52		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 19.52		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 19.52		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 19.52		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 19.52		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 19.52		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 19.52		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 19.52		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 19.52		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 19.52		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 19.52		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 19.52		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 19.52		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 19.52		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 19.52		1
1,1-Dichloroethene	75-35-4	**5.63**	0.500	ug/L	09.25.13 19.52		1
cis-1,2-Dichloroethene	156-59-2	**0.970**	0.500	ug/L	09.25.13 19.52		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 19.52		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 19.52		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 19.52		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 19.52		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 19.52		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 19.52		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-106** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-004 Date Collected: 09.23.13 08.16

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 19.52		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 19.52		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 19.52		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 19.52		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 19.52		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 19.52		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 19.52		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 19.52		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 19.52		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 19.52		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 19.52		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 19.52		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 19.52		1
Tetrachloroethylene	127-18-4	**22.1**	0.500	ug/L	09.25.13 19.52		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 19.52		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 19.52		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 19.52		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 19.52		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 19.52		1
Trichloroethene	79-01-6	**8.43**	0.500	ug/L	09.25.13 19.52		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 19.52		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 19.52		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 19.52		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 19.52		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 19.52		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 19.52		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 19.52		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 19.52		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 19.52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	116	%	69-133	09.25.13 19.52	
1,2-Dichloroethane-D4	17060-07-0	110	%	66-139	09.25.13 19.52	
Toluene-D8	2037-26-5	99	%	70-130	09.25.13 19.52	
4-Bromofluorobenzene	460-00-4	97	%	70-135	09.25.13 19.52	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-107** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-005 Date Collected: 09.23.13 08.56

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 20.17		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 20.17		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 20.17		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 20.17		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 20.17		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 20.17		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 20.17	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 20.17		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 20.17		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 20.17		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 20.17		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 20.17		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.25.13 20.17		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 20.17		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 20.17		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 20.17		1
Chloroform	67-66-3	**1.22**	0.500	ug/L	09.25.13 20.17		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 20.17		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 20.17		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 20.17		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 20.17		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 20.17		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 20.17		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 20.17		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 20.17		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 20.17		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 20.17		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 20.17		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 20.17		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 20.17		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 20.17		1
1,1-Dichloroethene	75-35-4	**2.45**	0.500	ug/L	09.25.13 20.17		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.25.13 20.17		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 20.17		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 20.17		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 20.17		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 20.17		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 20.17		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 20.17		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-107** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-005 Date Collected: 09.23.13 08.56

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 20.17		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 20.17		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 20.17		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 20.17		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 20.17		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 20.17		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 20.17		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 20.17		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 20.17		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 20.17		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 20.17		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 20.17		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 20.17		1
Tetrachloroethylene	127-18-4	**5.31**	0.500	ug/L	09.25.13 20.17		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 20.17		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 20.17		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 20.17		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 20.17		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 20.17		1
Trichloroethene	79-01-6	**6.73**	0.500	ug/L	09.25.13 20.17		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 20.17		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 20.17		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 20.17		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 20.17		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 20.17		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 20.17		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 20.17		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 20.17		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 20.17		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	126	%	69-133	09.25.13 20.17	
1,2-Dichloroethane-D4	17060-07-0	122	%	66-139	09.25.13 20.17	
Toluene-D8	2037-26-5	99	%	70-130	09.25.13 20.17	
4-Bromofluorobenzene	460-00-4	95	%	70-135	09.25.13 20.17	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-108** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-006 Date Collected: 09.23.13 09.07

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 21.07		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 21.07		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 21.07		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 21.07		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 21.07		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 21.07		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 21.07	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 21.07		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 21.07		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 21.07		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 21.07		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 21.07		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.25.13 21.07		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 21.07		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 21.07		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 21.07		1
Chloroform	67-66-3	**0.810**	0.500	ug/L	09.25.13 21.07		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 21.07		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 21.07		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 21.07		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 21.07		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 21.07		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 21.07		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 21.07		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 21.07		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 21.07		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 21.07		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 21.07		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 21.07		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 21.07		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 21.07		1
1,1-Dichloroethene	75-35-4	**0.650**	0.500	ug/L	09.25.13 21.07		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.25.13 21.07		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 21.07		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 21.07		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 21.07		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 21.07		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 21.07		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 21.07		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-108** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-006 Date Collected: 09.23.13 09.07

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 21.07		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 21.07		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 21.07		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 21.07		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 21.07		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 21.07		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 21.07		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 21.07		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 21.07		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 21.07		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 21.07		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 21.07		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 21.07		1
Tetrachloroethylene	127-18-4	**3.92**	0.500	ug/L	09.25.13 21.07		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 21.07		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 21.07		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 21.07		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 21.07		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 21.07		1
Trichloroethene	79-01-6	**3.94**	0.500	ug/L	09.25.13 21.07		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 21.07		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 21.07		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 21.07		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 21.07		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 21.07		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 21.07		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 21.07		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 21.07		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 21.07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	117	%	69-133	09.25.13 21.07	
1,2-Dichloroethane-D4	17060-07-0	109	%	66-139	09.25.13 21.07	
Toluene-D8	2037-26-5	99	%	70-130	09.25.13 21.07	
4-Bromofluorobenzene	460-00-4	96	%	70-135	09.25.13 21.07	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-109** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-007 Date Collected: 09.23.13 09.18

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 21.32		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 21.32		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 21.32		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 21.32		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 21.32		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 21.32		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 21.32	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 21.32		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 21.32		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 21.32		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 21.32		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 21.32		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	09.25.13 21.32		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 21.32		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 21.32		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 21.32		1
Chloroform	67-66-3	**2.17**	0.500	ug/L	09.25.13 21.32		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 21.32		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 21.32		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 21.32		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 21.32		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 21.32		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 21.32		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 21.32		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 21.32		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 21.32		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 21.32		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 21.32		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 21.32		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 21.32		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 21.32		1
1,1-Dichloroethene	75-35-4	**1.93**	0.500	ug/L	09.25.13 21.32		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.25.13 21.32		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 21.32		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 21.32		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 21.32		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 21.32		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 21.32		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 21.32		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-109** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-007 Date Collected: 09.23.13 09.18

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 21.32		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 21.32		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 21.32		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 21.32		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 21.32		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 21.32		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 21.32		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 21.32		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 21.32		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 21.32		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 21.32		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 21.32		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 21.32		1
Tetrachloroethylene	127-18-4	**9.41**	0.500	ug/L	09.25.13 21.32		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 21.32		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 21.32		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 21.32		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 21.32		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 21.32		1
Trichloroethene	79-01-6	**5.93**	0.500	ug/L	09.25.13 21.32		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 21.32		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 21.32		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 21.32		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 21.32		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 21.32		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 21.32		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 21.32		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 21.32		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 21.32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	117	%	69-133	09.25.13 21.32	
1,2-Dichloroethane-D4	17060-07-0	111	%	66-139	09.25.13 21.32	
Toluene-D8	2037-26-5	99	%	70-130	09.25.13 21.32	
4-Bromofluorobenzene	460-00-4	98	%	70-135	09.25.13 21.32	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-110** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-008 Date Collected: 09.23.13 09.27

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	09.25.13 21.57		1
Benzene	71-43-2	<0.500	0.500	ug/L	09.25.13 21.57		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	09.25.13 21.57		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	09.25.13 21.57		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	09.25.13 21.57		1
Bromoform	75-25-2	<1.00	1.00	ug/L	09.25.13 21.57		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	09.25.13 21.57	N1	1
2-Butanone	78-93-3	<5.00	5.00	ug/L	09.25.13 21.57		1
MTBE	1634-04-4	<2.00	2.00	ug/L	09.25.13 21.57		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	09.25.13 21.57		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	09.25.13 21.57		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	09.25.13 21.57		1
Carbon Disulfide	75-15-0	**0.820**	0.500	ug/L	09.25.13 21.57		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	09.25.13 21.57		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	09.25.13 21.57		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	09.25.13 21.57		1
Chloroform	67-66-3	**2.80**	0.500	ug/L	09.25.13 21.57		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	09.25.13 21.57		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	09.25.13 21.57		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	09.25.13 21.57		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	09.25.13 21.57		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	09.25.13 21.57		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	09.25.13 21.57		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	09.25.13 21.57		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	09.25.13 21.57		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	09.25.13 21.57		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	09.25.13 21.57		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	09.25.13 21.57		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	09.25.13 21.57		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	09.25.13 21.57		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	09.25.13 21.57		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	09.25.13 21.57		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	09.25.13 21.57		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	09.25.13 21.57		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	09.25.13 21.57		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	09.25.13 21.57		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	09.25.13 21.57		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	09.25.13 21.57		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	09.25.13 21.57		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-110** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-008 Date Collected: 09.23.13 09.27

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 09.25.13 11.34

Seq Number: 924152

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	09.25.13 21.57		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	09.25.13 21.57		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	09.25.13 21.57		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	09.25.13 21.57		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	09.25.13 21.57		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	09.25.13 21.57		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	09.25.13 21.57		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	09.25.13 21.57		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	09.25.13 21.57		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	09.25.13 21.57		1
Styrene	100-42-5	<1.00	1.00	ug/L	09.25.13 21.57		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	09.25.13 21.57		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	09.25.13 21.57		1
Tetrachloroethylene	127-18-4	**5.72**	0.500	ug/L	09.25.13 21.57		1
Toluene	108-88-3	<2.00	2.00	ug/L	09.25.13 21.57		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	09.25.13 21.57		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	09.25.13 21.57		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	09.25.13 21.57		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	09.25.13 21.57		1
Trichloroethene	79-01-6	**1.10**	0.500	ug/L	09.25.13 21.57		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	09.25.13 21.57		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	09.25.13 21.57		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	09.25.13 21.57		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	09.25.13 21.57		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	09.25.13 21.57		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	09.25.13 21.57		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	09.25.13 21.57		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	09.25.13 21.57		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	09.25.13 21.57		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	119	%	69-133	09.25.13 21.57	
1,2-Dichloroethane-D4	17060-07-0	110	%	66-139	09.25.13 21.57	
Toluene-D8	2037-26-5	99	%	70-130	09.25.13 21.57	
4-Bromofluorobenzene	460-00-4	100	%	70-135	09.25.13 21.57	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-111R** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-009 Date Collected: 09.23.13 09.43

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 20.07		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 20.07		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 20.07		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 20.07		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 20.07		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 20.07		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 20.07		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 20.07		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 20.07		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 20.07		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 20.07		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 20.07		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 20.07		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 20.07		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 20.07		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 20.07		1
Chloroform	67-66-3	**4.07**	0.500	ug/L	10.02.13 20.07		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 20.07		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 20.07		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 20.07		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 20.07		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 20.07		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 20.07	M1	1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 20.07		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 20.07		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 20.07		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 20.07		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 20.07		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 20.07		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 20.07		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 20.07		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.02.13 20.07		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 20.07		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 20.07		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 20.07		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 20.07		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 20.07		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 20.07		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 20.07		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-111R** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-009 Date Collected: 09.23.13 09.43

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 20.07		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 20.07		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 20.07		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 20.07		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 20.07		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 20.07		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 20.07		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 20.07		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 20.07		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 20.07		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 20.07		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 20.07		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 20.07		1
Tetrachloroethylene	127-18-4	**1.52**	0.500	ug/L	10.02.13 20.07		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 20.07		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 20.07		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 20.07		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 20.07		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 20.07		1
Trichloroethene	79-01-6	**0.600**	0.500	ug/L	10.02.13 20.07		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 20.07		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 20.07	M1	1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 20.07		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 20.07		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 20.07		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 20.07		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 20.07		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 20.07		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 20.07		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	69-133	10.02.13 20.07	
1,2-Dichloroethane-D4	17060-07-0	95	%	66-139	10.02.13 20.07	
Toluene-D8	2037-26-5	97	%	70-130	10.02.13 20.07	
4-Bromofluorobenzene	460-00-4	92	%	70-135	10.02.13 20.07	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-112** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-010 Date Collected: 09.23.13 09.53

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 20.32		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 20.32		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 20.32		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 20.32		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 20.32		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 20.32		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 20.32		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 20.32		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 20.32		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 20.32		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 20.32		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 20.32		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 20.32		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 20.32		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 20.32		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 20.32		1
Chloroform	67-66-3	**3.12**	0.500	ug/L	10.02.13 20.32		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 20.32		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 20.32		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 20.32		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 20.32		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 20.32		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 20.32		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 20.32		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 20.32		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 20.32		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 20.32		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 20.32		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 20.32		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 20.32		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 20.32		1
1,1-Dichloroethene	75-35-4	**0.510**	0.500	ug/L	10.02.13 20.32		1
cis-1,2-Dichloroethene	156-59-2	**0.970**	0.500	ug/L	10.02.13 20.32		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 20.32		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 20.32		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 20.32		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 20.32		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 20.32		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 20.32		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-112** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-010 Date Collected: 09.23.13 09.53

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 20.32		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 20.32		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 20.32		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 20.32		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 20.32		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 20.32		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 20.32		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 20.32		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 20.32		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 20.32		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 20.32		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 20.32		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 20.32		1
Tetrachloroethylene	127-18-4	**2.59**	0.500	ug/L	10.02.13 20.32		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 20.32		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 20.32		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 20.32		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 20.32		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 20.32		1
Trichloroethene	79-01-6	**6.39**	0.500	ug/L	10.02.13 20.32		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 20.32		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 20.32		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 20.32		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 20.32		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 20.32		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 20.32		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 20.32		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 20.32		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 20.32		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	101	%	69-133	10.02.13 20.32	
1,2-Dichloroethane-D4	17060-07-0	96	%	66-139	10.02.13 20.32	
Toluene-D8	2037-26-5	97	%	70-130	10.02.13 20.32	
4-Bromofluorobenzene	460-00-4	90	%	70-135	10.02.13 20.32	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-113** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-011 Date Collected: 09.23.13 10.03

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 20.57		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 20.57		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 20.57		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 20.57		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 20.57		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 20.57		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 20.57		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 20.57		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 20.57		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 20.57		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 20.57		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 20.57		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 20.57		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 20.57		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 20.57		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 20.57		1
Chloroform	67-66-3	**3.02**	0.500	ug/L	10.02.13 20.57		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 20.57		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 20.57		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 20.57		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 20.57		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 20.57		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 20.57		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 20.57		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 20.57		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 20.57		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 20.57		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 20.57		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 20.57		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 20.57		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 20.57		1
1,1-Dichloroethene	75-35-4	**0.500**	0.500	ug/L	10.02.13 20.57		1
cis-1,2-Dichloroethene	156-59-2	**0.890**	0.500	ug/L	10.02.13 20.57		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 20.57		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 20.57		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 20.57		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 20.57		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 20.57		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 20.57		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-113** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-011 Date Collected: 09.23.13 10.03

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 20.57		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 20.57		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 20.57		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 20.57		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 20.57		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 20.57		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 20.57		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 20.57		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 20.57		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 20.57		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 20.57		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 20.57		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 20.57		1
Tetrachloroethylene	127-18-4	**2.53**	0.500	ug/L	10.02.13 20.57		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 20.57		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 20.57		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 20.57		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 20.57		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 20.57		1
Trichloroethene	79-01-6	**5.86**	0.500	ug/L	10.02.13 20.57		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 20.57		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 20.57		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 20.57		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 20.57		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 20.57		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 20.57		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 20.57		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 20.57		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 20.57		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	69-133	10.02.13 20.57	
1,2-Dichloroethane-D4	17060-07-0	96	%	66-139	10.02.13 20.57	
Toluene-D8	2037-26-5	97	%	70-130	10.02.13 20.57	
4-Bromofluorobenzene	460-00-4	90	%	70-135	10.02.13 20.57	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-100** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-012 Date Collected: 09.23.13 10.20

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 21.23		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 21.23		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 21.23		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 21.23		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 21.23		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 21.23		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 21.23		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 21.23		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 21.23		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 21.23		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 21.23		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 21.23		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 21.23		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 21.23		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 21.23		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 21.23		1
Chloroform	67-66-3	**0.760**	0.500	ug/L	10.02.13 21.23		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 21.23		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 21.23		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 21.23		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 21.23		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 21.23		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 21.23		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 21.23		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 21.23		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 21.23		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 21.23		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 21.23		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 21.23		1
1,1-Dichloroethane	75-34-3	**2.09**	0.500	ug/L	10.02.13 21.23		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 21.23		1
1,1-Dichloroethene	75-35-4	**3.56**	0.500	ug/L	10.02.13 21.23		1
cis-1,2-Dichloroethene	156-59-2	**3.80**	0.500	ug/L	10.02.13 21.23		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 21.23		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 21.23		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 21.23		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 21.23		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 21.23		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 21.23		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-100** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-012 Date Collected: 09.23.13 10.20

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 21.23		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 21.23		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 21.23		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 21.23		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 21.23		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 21.23		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 21.23		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 21.23		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 21.23		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 21.23		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 21.23		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 21.23		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 21.23		1
Tetrachloroethylene	127-18-4	**3.11**	0.500	ug/L	10.02.13 21.23		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 21.23		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 21.23		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 21.23		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 21.23		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 21.23		1
Trichloroethene	79-01-6	**12.6**	0.500	ug/L	10.02.13 21.23		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 21.23		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 21.23		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 21.23		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 21.23		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 21.23		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 21.23		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 21.23		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 21.23		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 21.23		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	105	%	69-133	10.02.13 21.23	
1,2-Dichloroethane-D4	17060-07-0	99	%	66-139	10.02.13 21.23	
Toluene-D8	2037-26-5	98	%	70-130	10.02.13 21.23	
4-Bromofluorobenzene	460-00-4	88	%	70-135	10.02.13 21.23	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-99** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-013 Date Collected: 09.23.13 10.32

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 21.48		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 21.48		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 21.48		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 21.48		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 21.48		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 21.48		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 21.48		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 21.48		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 21.48		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 21.48		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 21.48		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 21.48		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 21.48		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 21.48		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 21.48		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 21.48		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 21.48		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 21.48		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 21.48		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 21.48		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 21.48		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 21.48		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 21.48		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 21.48		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 21.48		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 21.48		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 21.48		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 21.48		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 21.48		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 21.48		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 21.48		1
1,1-Dichloroethene	75-35-4	**0.560**	0.500	ug/L	10.02.13 21.48		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 21.48		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 21.48		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 21.48		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 21.48		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 21.48		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 21.48		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 21.48		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-99** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-013 Date Collected: 09.23.13 10.32

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 21.48		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 21.48		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 21.48		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 21.48		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 21.48		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 21.48		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 21.48		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 21.48		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 21.48		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 21.48		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 21.48		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 21.48		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 21.48		1
Tetrachloroethylene	127-18-4	**5.38**	0.500	ug/L	10.02.13 21.48		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 21.48		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 21.48		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 21.48		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 21.48		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 21.48		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.02.13 21.48		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 21.48		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 21.48		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 21.48		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 21.48		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 21.48		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 21.48		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 21.48		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 21.48		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 21.48		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	69-133	10.02.13 21.48	
1,2-Dichloroethane-D4	17060-07-0	96	%	66-139	10.02.13 21.48	
Toluene-D8	2037-26-5	98	%	70-130	10.02.13 21.48	
4-Bromofluorobenzene	460-00-4	89	%	70-135	10.02.13 21.48	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-94** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-014 Date Collected: 09.23.13 10.50

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 22.14		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 22.14		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 22.14		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 22.14		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 22.14		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 22.14		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 22.14		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 22.14		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 22.14		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 22.14		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 22.14		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 22.14		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 22.14		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 22.14		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 22.14		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 22.14		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 22.14		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 22.14		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 22.14		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 22.14		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 22.14		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 22.14		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 22.14		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 22.14		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 22.14		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 22.14		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 22.14		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 22.14		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 22.14		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 22.14		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 22.14		1
1,1-Dichloroethene	75-35-4	**1.04**	0.500	ug/L	10.02.13 22.14		1
cis-1,2-Dichloroethene	156-59-2	**0.560**	0.500	ug/L	10.02.13 22.14		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 22.14		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 22.14		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 22.14		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 22.14		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 22.14		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 22.14		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-94**
Lab Sample Id: 470705-014

Matrix: Water
Date Collected: 09.23.13 10.50

Date Received: 09.23.13 15.30

Analytical Method: VOCs by EPA 8260B
Tech: OEM
Analyst: OEM
Seq Number: 924515

Date Prep: 10.02.13 17.29

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	10.02.13 22.14		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 22.14		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 22.14		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 22.14		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 22.14		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 22.14		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 22.14		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 22.14		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 22.14		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 22.14		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 22.14		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 22.14		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 22.14		1
Tetrachloroethylene	127-18-4	**1.58**	0.500	ug/L	10.02.13 22.14		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 22.14		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 22.14		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 22.14		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 22.14		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 22.14		1
Trichloroethene	79-01-6	**1.24**	0.500	ug/L	10.02.13 22.14		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 22.14		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 22.14		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 22.14		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 22.14		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 22.14		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 22.14		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 22.14		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 22.14		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 22.14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	101	%	69-133	10.02.13 22.14	
1,2-Dichloroethane-D4	17060-07-0	95	%	66-139	10.02.13 22.14	
Toluene-D8	2037-26-5	95	%	70-130	10.02.13 22.14	
4-Bromofluorobenzene	460-00-4	90	%	70-135	10.02.13 22.14	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-88** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-015 Date Collected: 09.23.13 11.07

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 22.40		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 22.40		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 22.40		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 22.40		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 22.40		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 22.40		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 22.40		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 22.40		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 22.40		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 22.40		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 22.40		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 22.40		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 22.40		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 22.40		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 22.40		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 22.40		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 22.40		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 22.40		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 22.40		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 22.40		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 22.40		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 22.40		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 22.40		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 22.40		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 22.40		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 22.40		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 22.40		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 22.40		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 22.40		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 22.40		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 22.40		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.02.13 22.40		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 22.40		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 22.40		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 22.40		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 22.40		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 22.40		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 22.40		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 22.40		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-88** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-015 Date Collected: 09.23.13 11.07

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 22.40		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 22.40		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 22.40		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 22.40		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 22.40		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 22.40		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 22.40		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 22.40		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 22.40		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 22.40		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 22.40		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 22.40		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 22.40		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	10.02.13 22.40		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 22.40		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 22.40		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 22.40		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 22.40		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 22.40		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.02.13 22.40		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 22.40		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 22.40		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 22.40		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 22.40		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 22.40		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 22.40		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 22.40		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 22.40		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 22.40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	69-133	10.02.13 22.40	
1,2-Dichloroethane-D4	17060-07-0	95	%	66-139	10.02.13 22.40	
Toluene-D8	2037-26-5	96	%	70-130	10.02.13 22.40	
4-Bromofluorobenzene	460-00-4	87	%	70-135	10.02.13 22.40	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-87** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-016 Date Collected: 09.23.13 11.20

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 23.05		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 23.05		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 23.05		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 23.05		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 23.05		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 23.05		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 23.05		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 23.05		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 23.05		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 23.05		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 23.05		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 23.05		1
Carbon Disulfide	75-15-0	**1.03**	0.500	ug/L	10.02.13 23.05		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 23.05		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 23.05		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 23.05		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 23.05		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 23.05		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 23.05		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 23.05		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 23.05		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 23.05		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 23.05		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 23.05		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 23.05		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 23.05		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 23.05		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 23.05		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 23.05		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 23.05		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 23.05		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.02.13 23.05		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 23.05		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 23.05		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 23.05		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 23.05		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 23.05		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 23.05		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 23.05		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-87** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-016 Date Collected: 09.23.13 11.20

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 23.05		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 23.05		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 23.05		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 23.05		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 23.05		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 23.05		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 23.05		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 23.05		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 23.05		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 23.05		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 23.05		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 23.05		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 23.05		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	10.02.13 23.05		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 23.05		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 23.05		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 23.05		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 23.05		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 23.05		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.02.13 23.05		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 23.05		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 23.05		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 23.05		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 23.05		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 23.05		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 23.05		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 23.05		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 23.05		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 23.05		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	96	%	69-133	10.02.13 23.05	
1,2-Dichloroethane-D4	17060-07-0	95	%	66-139	10.02.13 23.05	
Toluene-D8	2037-26-5	96	%	70-130	10.02.13 23.05	
4-Bromofluorobenzene	460-00-4	88	%	70-135	10.02.13 23.05	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-86** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-017 Date Collected: 09.23.13 11.36

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 23.31		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 23.31		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 23.31		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 23.31		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 23.31		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 23.31		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 23.31		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 23.31		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 23.31		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 23.31		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 23.31		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 23.31		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 23.31		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 23.31		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 23.31		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 23.31		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 23.31		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 23.31		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 23.31		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 23.31		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 23.31		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 23.31		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 23.31		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 23.31		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 23.31		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 23.31		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 23.31		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 23.31		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 23.31		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 23.31		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 23.31		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.02.13 23.31		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 23.31		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 23.31		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 23.31		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 23.31		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 23.31		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 23.31		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 23.31		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-86** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-017 Date Collected: 09.23.13 11.36

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 23.31		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 23.31		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 23.31		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 23.31		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 23.31		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 23.31		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 23.31		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 23.31		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 23.31		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 23.31		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 23.31		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 23.31		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 23.31		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	10.02.13 23.31		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 23.31		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 23.31		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 23.31		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 23.31		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 23.31		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.02.13 23.31		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 23.31		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 23.31		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 23.31		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 23.31		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 23.31		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 23.31		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 23.31		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 23.31		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 23.31		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	98	%	69-133	10.02.13 23.31	
1,2-Dichloroethane-D4	17060-07-0	96	%	66-139	10.02.13 23.31	
Toluene-D8	2037-26-5	96	%	70-130	10.02.13 23.31	
4-Bromofluorobenzene	460-00-4	87	%	70-135	10.02.13 23.31	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-85** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-018 Date Collected: 09.23.13 11.50

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.02.13 23.56		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.02.13 23.56		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.02.13 23.56		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.02.13 23.56		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.02.13 23.56		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.02.13 23.56		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.02.13 23.56		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.02.13 23.56		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.02.13 23.56		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.02.13 23.56		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.02.13 23.56		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.02.13 23.56		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.02.13 23.56		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.02.13 23.56		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.02.13 23.56		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.02.13 23.56		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.02.13 23.56		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.02.13 23.56		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.02.13 23.56		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.02.13 23.56		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.02.13 23.56		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.02.13 23.56		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.02.13 23.56		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.02.13 23.56		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.02.13 23.56		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.02.13 23.56		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.02.13 23.56		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.02.13 23.56		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.02.13 23.56		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.02.13 23.56		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.02.13 23.56		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.02.13 23.56		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.02.13 23.56		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.02.13 23.56		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.02.13 23.56		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.02.13 23.56		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.02.13 23.56		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.02.13 23.56		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.02.13 23.56		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-85** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-018 Date Collected: 09.23.13 11.50

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.02.13 23.56		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.02.13 23.56		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.02.13 23.56		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.02.13 23.56		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.02.13 23.56		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.02.13 23.56		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.02.13 23.56		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.02.13 23.56		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.02.13 23.56		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.02.13 23.56		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.02.13 23.56		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.02.13 23.56		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.02.13 23.56		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	10.02.13 23.56		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.02.13 23.56		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.02.13 23.56		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.02.13 23.56		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.02.13 23.56		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.02.13 23.56		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.02.13 23.56		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.02.13 23.56		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.02.13 23.56		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.02.13 23.56		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.02.13 23.56		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.02.13 23.56		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.02.13 23.56		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.02.13 23.56		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.02.13 23.56		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.02.13 23.56		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	99	%	69-133	10.02.13 23.56	
1,2-Dichloroethane-D4	17060-07-0	99	%	66-139	10.02.13 23.56	
Toluene-D8	2037-26-5	96	%	70-130	10.02.13 23.56	
4-Bromofluorobenzene	460-00-4	91	%	70-135	10.02.13 23.56	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-84** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-019 Date Collected: 09.23.13 12.04

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.03.13 01.12		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.03.13 01.12		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.03.13 01.12		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.03.13 01.12		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.03.13 01.12		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.03.13 01.12		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.03.13 01.12		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.03.13 01.12		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.03.13 01.12		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.03.13 01.12		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.03.13 01.12		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.03.13 01.12		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.03.13 01.12		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.03.13 01.12		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.03.13 01.12		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.03.13 01.12		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.03.13 01.12		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.03.13 01.12		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.03.13 01.12		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.03.13 01.12		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.03.13 01.12		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.03.13 01.12		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.03.13 01.12		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.03.13 01.12		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.03.13 01.12		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.03.13 01.12		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.03.13 01.12		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.03.13 01.12		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.03.13 01.12		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.03.13 01.12		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.03.13 01.12		1
1,1-Dichloroethene	75-35-4	**1.14**	0.500	ug/L	10.03.13 01.12		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.03.13 01.12		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.03.13 01.12		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.03.13 01.12		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.03.13 01.12		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.03.13 01.12		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.03.13 01.12		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.03.13 01.12		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-84** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-019 Date Collected: 09.23.13 12.04

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.02.13 17.29

Seq Number: 924515

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.03.13 01.12		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.03.13 01.12		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.03.13 01.12		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.03.13 01.12		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.03.13 01.12		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.03.13 01.12		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.03.13 01.12		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.03.13 01.12		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.03.13 01.12		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.03.13 01.12		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.03.13 01.12		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.03.13 01.12		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.03.13 01.12		1
Tetrachloroethylene	127-18-4	**8.16**	0.500	ug/L	10.03.13 01.12		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.03.13 01.12		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.03.13 01.12		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.03.13 01.12		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.03.13 01.12		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.03.13 01.12		1
Trichloroethene	79-01-6	**1.38**	0.500	ug/L	10.03.13 01.12		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.03.13 01.12		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.03.13 01.12		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.03.13 01.12		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.03.13 01.12		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.03.13 01.12		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.03.13 01.12		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.03.13 01.12		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.03.13 01.12		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.03.13 01.12		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	102	%	69-133	10.03.13 01.12	
1,2-Dichloroethane-D4	17060-07-0	95	%	66-139	10.03.13 01.12	
Toluene-D8	2037-26-5	95	%	70-130	10.03.13 01.12	
4-Bromofluorobenzene	460-00-4	91	%	70-135	10.03.13 01.12	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-020 Date Collected: 09.23.13 12.25

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.03.13 10.58

Seq Number: 924520

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.03.13 13.28		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.03.13 13.28		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.03.13 13.28		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.03.13 13.28		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.03.13 13.28		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.03.13 13.28		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.03.13 13.28		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.03.13 13.28		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.03.13 13.28		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.03.13 13.28		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.03.13 13.28		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.03.13 13.28		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.03.13 13.28		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.03.13 13.28		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.03.13 13.28		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.03.13 13.28		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.03.13 13.28		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.03.13 13.28		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.03.13 13.28		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.03.13 13.28		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.03.13 13.28		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.03.13 13.28		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.03.13 13.28		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.03.13 13.28		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.03.13 13.28		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.03.13 13.28		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.03.13 13.28		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.03.13 13.28		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.03.13 13.28		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.03.13 13.28		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.03.13 13.28		1
1,1-Dichloroethene	75-35-4	**0.960**	0.500	ug/L	10.03.13 13.28		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.03.13 13.28		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.03.13 13.28		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.03.13 13.28		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.03.13 13.28		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.03.13 13.28		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.03.13 13.28		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.03.13 13.28		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-020 Date Collected: 09.23.13 12.25

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.03.13 10.58

Seq Number: 924520

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.03.13 13.28		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.03.13 13.28		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.03.13 13.28		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.03.13 13.28		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.03.13 13.28		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.03.13 13.28		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.03.13 13.28		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.03.13 13.28		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.03.13 13.28		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.03.13 13.28		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.03.13 13.28		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.03.13 13.28		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.03.13 13.28		1
Tetrachloroethylene	127-18-4	**2.95**	0.500	ug/L	10.03.13 13.28		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.03.13 13.28		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.03.13 13.28		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.03.13 13.28		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.03.13 13.28		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.03.13 13.28		1
Trichloroethene	79-01-6	**1.00**	0.500	ug/L	10.03.13 13.28		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.03.13 13.28		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.03.13 13.28		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.03.13 13.28		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.03.13 13.28		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.03.13 13.28		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.03.13 13.28		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.03.13 13.28		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.03.13 13.28		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.03.13 13.28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	100	%	69-133	10.03.13 13.28	
1,2-Dichloroethane-D4	17060-07-0	89	%	66-139	10.03.13 13.28	
Toluene-D8	2037-26-5	95	%	70-130	10.03.13 13.28	
4-Bromofluorobenzene	460-00-4	88	%	70-135	10.03.13 13.28	

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82EB** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-021 Date Collected: 09.23.13 12.35

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.03.13 10.58

Seq Number: 924520

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acetone	67-64-1	<20.0	20.0	ug/L	10.03.13 13.53		1
Benzene	71-43-2	<0.500	0.500	ug/L	10.03.13 13.53		1
Bromobenzene	108-86-1	<1.50	1.50	ug/L	10.03.13 13.53		1
Bromochloromethane	74-97-5	<0.500	0.500	ug/L	10.03.13 13.53		1
Bromodichloromethane	75-27-4	<0.500	0.500	ug/L	10.03.13 13.53		1
Bromoform	75-25-2	<1.00	1.00	ug/L	10.03.13 13.53		1
Bromomethane	74-83-9	<5.00	5.00	ug/L	10.03.13 13.53		1
2-Butanone	78-93-3	<5.00	5.00	ug/L	10.03.13 13.53		1
MTBE	1634-04-4	<2.00	2.00	ug/L	10.03.13 13.53		1
n-Butylbenzene	104-51-8	<2.50	2.50	ug/L	10.03.13 13.53		1
Sec-Butylbenzene	135-98-8	<1.50	1.50	ug/L	10.03.13 13.53		1
tert-Butylbenzene	98-06-6	<2.50	2.50	ug/L	10.03.13 13.53		1
Carbon Disulfide	75-15-0	<0.500	0.500	ug/L	10.03.13 13.53		1
Carbon Tetrachloride	56-23-5	<0.500	0.500	ug/L	10.03.13 13.53		1
Chlorobenzene	108-90-7	<0.500	0.500	ug/L	10.03.13 13.53		1
Chloroethane	75-00-3	<4.00	4.00	ug/L	10.03.13 13.53		1
Chloroform	67-66-3	<0.500	0.500	ug/L	10.03.13 13.53		1
Chloromethane	74-87-3	<5.00	5.00	ug/L	10.03.13 13.53		1
2-Chlorotoluene	95-49-8	<1.50	1.50	ug/L	10.03.13 13.53		1
4-Chlorotoluene	106-43-4	<2.00	2.00	ug/L	10.03.13 13.53		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<1.50	1.50	ug/L	10.03.13 13.53		1
Dibromochloromethane	124-48-1	<0.500	0.500	ug/L	10.03.13 13.53		1
1,2-Dibromo-3-Chloropropane	96-12-8	<2.00	2.00	ug/L	10.03.13 13.53		1
1,2-Dibromoethane	106-93-4	<0.500	0.500	ug/L	10.03.13 13.53		1
Dibromomethane	74-95-3	<0.500	0.500	ug/L	10.03.13 13.53		1
1,2-Dichlorobenzene	95-50-1	<1.50	1.50	ug/L	10.03.13 13.53		1
1,3-Dichlorobenzene	541-73-1	<1.50	1.50	ug/L	10.03.13 13.53		1
1,4-Dichlorobenzene	106-46-7	<1.50	1.50	ug/L	10.03.13 13.53		1
Dichlorodifluoromethane	75-71-8	<2.00	2.00	ug/L	10.03.13 13.53		1
1,1-Dichloroethane	75-34-3	<0.500	0.500	ug/L	10.03.13 13.53		1
1,2-Dichloroethane	107-06-2	<0.500	0.500	ug/L	10.03.13 13.53		1
1,1-Dichloroethene	75-35-4	<0.500	0.500	ug/L	10.03.13 13.53		1
cis-1,2-Dichloroethene	156-59-2	<0.500	0.500	ug/L	10.03.13 13.53		1
trans-1,2-dichloroethene	156-60-5	<0.500	0.500	ug/L	10.03.13 13.53		1
1,2-Dichloropropane	78-87-5	<0.500	0.500	ug/L	10.03.13 13.53		1
1,3-Dichloropropane	142-28-9	<1.00	1.00	ug/L	10.03.13 13.53		1
2,2-Dichloropropane	594-20-7	<0.500	0.500	ug/L	10.03.13 13.53		1
1,1-Dichloropropene	563-58-6	<1.00	1.00	ug/L	10.03.13 13.53		1
cis-1,3-Dichloropropene	10061-01-5	<1.00	1.00	ug/L	10.03.13 13.53		1

Certificate of Analytical Results 470705

Terranext, Phoenix, AZ

WVBA

Sample Id: **RID-82EB** Matrix: Water Date Received:09.23.13 15.30

Lab Sample Id: 470705-021 Date Collected: 09.23.13 12.35

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C

Tech: OEM % Moisture:

Analyst: OEM Date Prep: 10.03.13 10.58

Seq Number: 924520

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
trans-1,3-dichloropropene	10061-02-6	<0.500	0.500	ug/L	10.03.13 13.53		1
Ethylbenzene	100-41-4	<2.00	2.00	ug/L	10.03.13 13.53		1
Hexachlorobutadiene	87-68-3	<5.00	5.00	ug/L	10.03.13 13.53		1
2-Hexanone	591-78-6	<5.00	5.00	ug/L	10.03.13 13.53		1
isopropylbenzene	98-82-8	<2.50	2.50	ug/L	10.03.13 13.53		1
Methylene Chloride	75-09-2	<3.00	3.00	ug/L	10.03.13 13.53		1
Iodomethane (Methyl Iodide)	74-88-4	<2.00	2.00	ug/L	10.03.13 13.53		1
4-Methyl-2-Pentanone	108-10-1	<5.00	5.00	ug/L	10.03.13 13.53		1
Naphthalene	91-20-3	<5.00	5.00	ug/L	10.03.13 13.53		1
n-Propylbenzene	103-65-1	<2.00	2.00	ug/L	10.03.13 13.53		1
Styrene	100-42-5	<1.00	1.00	ug/L	10.03.13 13.53		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.500	0.500	ug/L	10.03.13 13.53		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.500	0.500	ug/L	10.03.13 13.53		1
Tetrachloroethylene	127-18-4	<0.500	0.500	ug/L	10.03.13 13.53		1
Toluene	108-88-3	<2.00	2.00	ug/L	10.03.13 13.53		1
1,2,3-Trichlorobenzene	87-61-6	<5.00	5.00	ug/L	10.03.13 13.53		1
1,2,4-Trichlorobenzene	120-82-1	<5.00	5.00	ug/L	10.03.13 13.53		1
1,1,1-Trichloroethane	71-55-6	<0.500	0.500	ug/L	10.03.13 13.53		1
1,1,2-Trichloroethane	79-00-5	<0.500	0.500	ug/L	10.03.13 13.53		1
Trichloroethene	79-01-6	<0.500	0.500	ug/L	10.03.13 13.53		1
Trichlorofluoromethane	75-69-4	<2.00	2.00	ug/L	10.03.13 13.53		1
1,2,3-Trichloropropane	96-18-4	<1.00	1.00	ug/L	10.03.13 13.53		1
1,2,4-Trimethylbenzene	95-63-6	<2.00	2.00	ug/L	10.03.13 13.53		1
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	ug/L	10.03.13 13.53		1
o-Xylene	95-47-6	<1.00	1.00	ug/L	10.03.13 13.53		1
m,p-Xylenes	179601-23-1	<2.00	2.00	ug/L	10.03.13 13.53		1
Vinyl Acetate	108-05-4	<5.00	5.00	ug/L	10.03.13 13.53		1
Vinyl Chloride	75-01-4	<0.500	0.500	ug/L	10.03.13 13.53		1
Total Xylenes	1330-20-7	<1.00	1.00	ug/L	10.03.13 13.53		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Dibromofluoromethane	1868-53-7	95	%	69-133	10.03.13 13.53	
1,2-Dichloroethane-D4	17060-07-0	91	%	66-139	10.03.13 13.53	
Toluene-D8	2037-26-5	92	%	70-130	10.03.13 13.53	
4-Bromofluorobenzene	460-00-4	87	%	70-135	10.03.13 13.53	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924152 Matrix: Water Date Prep: 09.25.13
MB Sample Id: 644438-1-BLK LCS Sample Id: 644438-1-BKS LCSD Sample Id: 644438-1-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	35.8	90	39.7	99	55-165	10	28	ug/L	09.25.13 13:06	
Benzene	<0.500	20.0	16.6	83	16.5	83	70-130	1	20	ug/L	09.25.13 13:06	
Bromobenzene	<1.50	20.0	19.7	99	19.1	96	70-130	3	20	ug/L	09.25.13 13:06	
Bromochloromethane	<0.500	20.0	19.3	97	19.0	95	67-125	2	24	ug/L	09.25.13 13:06	
Bromodichloromethane	<0.500	20.0	20.9	105	20.6	103	70-130	1	20	ug/L	09.25.13 13:06	
Bromoform	<1.00	20.0	18.2	91	19.1	96	69-130	5	20	ug/L	09.25.13 13:06	
Bromomethane	<5.00	20.0	31.4	157	30.4	152	58-138	3	25	ug/L	09.25.13 13:06	N1
2-Butanone	<5.00	40.0	35.2	88	30.9	77	58-146	13	27	ug/L	09.25.13 13:06	
MTBE	<2.00	20.0	17.1	86	17.4	87	70-130	2	21	ug/L	09.25.13 13:06	
n-Butylbenzene	<2.50	20.0	21.1	106	19.7	99	58-128	7	20	ug/L	09.25.13 13:06	
Sec-Butylbenzene	<1.50	20.0	23.6	118	23.0	115	61-133	3	20	ug/L	09.25.13 13:06	
tert-Butylbenzene	<2.50	20.0	23.7	119	23.1	116	65-128	3	20	ug/L	09.25.13 13:06	
Carbon Disulfide	<0.500	20.0	16.3	82	15.9	80	59-138	2	22	ug/L	09.25.13 13:06	
Carbon Tetrachloride	<0.500	20.0	23.1	116	22.7	114	57-140	2	21	ug/L	09.25.13 13:06	
Chlorobenzene	<0.500	20.0	20.2	101	19.8	99	70-130	2	20	ug/L	09.25.13 13:06	
Chloroethane	<4.00	20.0	21.2	106	19.7	99	60-146	7	24	ug/L	09.25.13 13:06	
Chloroform	<0.500	20.0	21.2	106	20.6	103	66-128	3	24	ug/L	09.25.13 13:06	
Chloromethane	<5.00	20.0	16.3	82	16.5	83	47-144	1	26	ug/L	09.25.13 13:06	
2-Chlorotoluene	<1.50	20.0	23.1	116	22.1	111	70-130	4	20	ug/L	09.25.13 13:06	
4-Chlorotoluene	<2.00	20.0	23.9	120	23.1	116	70-130	3	28	ug/L	09.25.13 13:06	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	24.1	121	22.9	115	67-135	5	20	ug/L	09.25.13 13:06	
Dibromochloromethane	<0.500	20.0	19.1	96	19.3	97	70-130	1	20	ug/L	09.25.13 13:06	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	17.0	85	15.7	79	60-128	8	21	ug/L	09.25.13 13:06	
1,2-Dibromoethane	<0.500	20.0	18.2	91	18.5	93	70-130	2	20	ug/L	09.25.13 13:06	
Dibromomethane	<0.500	20.0	18.4	92	18.9	95	70-130	3	23	ug/L	09.25.13 13:06	
1,2-Dichlorobenzene	<1.50	20.0	20.3	102	20.0	100	70-130	1	20	ug/L	09.25.13 13:06	
1,3-Dichlorobenzene	<1.50	20.0	20.1	101	20.5	103	70-130	2	20	ug/L	09.25.13 13:06	
1,4-Dichlorobenzene	<1.50	20.0	19.6	98	18.6	93	70-130	5	20	ug/L	09.25.13 13:06	
Dichlorodifluoromethane	<2.00	20.0	12.0	60	11.4	57	9-134	5	27	ug/L	09.25.13 13:06	
1,1-Dichloroethane	<0.500	20.0	20.7	104	19.8	99	66-132	4	20	ug/L	09.25.13 13:06	
1,2-Dichloroethane	<0.500	20.0	21.0	105	21.5	108	70-130	2	20	ug/L	09.25.13 13:06	
1,1-Dichloroethene	<0.500	20.0	19.7	99	19.3	97	58-144	2	21	ug/L	09.25.13 13:06	
cis-1,2-Dichloroethene	<0.500	20.0	18.8	94	18.3	92	67-129	3	24	ug/L	09.25.13 13:06	
trans-1,2-dichloroethene	<0.500	20.0	19.8	99	19.0	95	63-137	4	21	ug/L	09.25.13 13:06	
1,2-Dichloropropane	<0.500	20.0	16.9	85	16.5	83	70-130	2	20	ug/L	09.25.13 13:06	
1,3-Dichloropropane	<1.00	20.0	16.8	84	17.2	86	70-130	2	20	ug/L	09.25.13 13:06	
2,2-Dichloropropane	<0.500	20.0	21.5	108	20.4	102	60-141	5	24	ug/L	09.25.13 13:06	
1,1-Dichloropropene	<1.00	20.0	18.3	92	18.2	91	64-135	1	20	ug/L	09.25.13 13:06	
cis-1,3-Dichloropropene	<1.00	20.0	18.2	91	18.2	91	70-130	0	20	ug/L	09.25.13 13:06	
trans-1,3-dichloropropene	<0.500	20.0	19.0	95	19.5	98	70-130	3	20	ug/L	09.25.13 13:06	
Ethylbenzene	<2.00	20.0	19.3	97	18.8	94	70-130	3	20	ug/L	09.25.13 13:06	
Hexachlorobutadiene	<5.00	20.0	26.7	134	23.4	117	54-145	13	22	ug/L	09.25.13 13:06	
2-Hexanone	<5.00	40.0	30.6	77	31.6	79	65-129	3	20	ug/L	09.25.13 13:06	
isopropylbenzene	<2.50	20.0	21.0	105	20.5	103	70-130	2	20	ug/L	09.25.13 13:06	
Methylene Chloride	<3.00	20.0	16.9	85	16.5	83	61-127	2	20	ug/L	09.25.13 13:06	
Iodomethane (Methyl Iodide)	<2.00	20.0	18.4	92	16.5	83	68-128	11	22	ug/L	09.25.13 13:06	
4-Methyl-2-Pentanone	<5.00	40.0	30.8	77	33.6	84	67-131	9	21	ug/L	09.25.13 13:06	
Naphthalene	<5.00	20.0	17.8	89	16.8	84	64-133	6	27	ug/L	09.25.13 13:06	
n-Propylbenzene	<2.00	20.0	23.1	116	22.2	111	65-128	4	20	ug/L	09.25.13 13:06	
Styrene	<1.00	20.0	20.0	100	19.9	100	70-130	1	20	ug/L	09.25.13 13:06	
1,1,1,2-Tetrachloroethane	<0.500	20.0	19.7	99	19.7	99	70-130	0	20	ug/L	09.25.13 13:06	
1,1,2,2-Tetrachloroethane	<0.500	20.0	15.4	77	16.2	81	70-130	5	20	ug/L	09.25.13 13:06	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924152 Matrix: Water Date Prep: 09.25.13
MB Sample Id: 644438-1-BLK LCS Sample Id: 644438-1-BKS LCSD Sample Id: 644438-1-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	18.7	94	18.4	92	63-127	2	20	ug/L	09.25.13 13:06	
Toluene	<2.00	20.0	17.6	88	17.1	86	70-130	3	20	ug/L	09.25.13 13:06	
1,2,3-Trichlorobenzene	<5.00	20.0	19.6	98	16.9	85	66-131	15	27	ug/L	09.25.13 13:06	
1,2,4-Trichlorobenzene	<5.00	20.0	20.3	102	18.8	94	69-127	8	20	ug/L	09.25.13 13:06	
1,1,1-Trichloroethane	<0.500	20.0	23.5	118	22.2	111	62-133	6	20	ug/L	09.25.13 13:06	
1,1,2-Trichloroethane	<0.500	20.0	16.3	82	16.8	84	70-130	3	20	ug/L	09.25.13 13:06	
Trichloroethene	<0.500	20.0	19.9	100	19.8	99	70-130	1	20	ug/L	09.25.13 13:06	
Trichlorofluoromethane	<2.00	20.0	20.0	100	19.3	97	45-151	4	22	ug/L	09.25.13 13:06	
1,2,3-Trichloropropane	<1.00	20.0	20.3	102	20.3	102	70-130	0	20	ug/L	09.25.13 13:06	
1,2,4-Trimethylbenzene	<2.00	20.0	22.8	114	21.9	110	70-130	4	20	ug/L	09.25.13 13:06	
1,3,5-Trimethylbenzene	<1.50	20.0	22.4	112	21.4	107	70-130	5	20	ug/L	09.25.13 13:06	
o-Xylene	<1.00	20.0	20.8	104	20.6	103	70-130	1	20	ug/L	09.25.13 13:06	
m,p-Xylenes	<2.00	40.0	41.9	105	40.6	102	70-130	3	20	ug/L	09.25.13 13:06	
Vinyl Acetate	<5.00	20.0	12.8	64	13.3	67	52-142	4	22	ug/L	09.25.13 13:06	
Vinyl Chloride	<0.500	20.0	18.7	94	18.4	92	43-120	2	25	ug/L	09.25.13 13:06	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	109		107		110		69-133	%	09.25.13 13:06
1,2-Dichloroethane-D4	98		99		104		66-139	%	09.25.13 13:06
Toluene-D8	95		95		98		70-130	%	09.25.13 13:06
4-Bromofluorobenzene	99		99		103		70-135	%	09.25.13 13:06

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924515 Matrix: Water Date Prep: 10.02.13
MB Sample Id: 644806-1-BLK LCS Sample Id: 644806-1-BKS LCSD Sample Id: 644806-1-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	43.7	109	38.5	96	55-165	13	28	ug/L	10.02.13 18:51	
Benzene	<0.500	20.0	20.9	105	20.5	103	70-130	2	20	ug/L	10.02.13 18:51	
Bromobenzene	<1.50	20.0	19.9	100	20.5	103	70-130	3	20	ug/L	10.02.13 18:51	
Bromochloromethane	<0.500	20.0	21.7	109	21.6	108	67-125	0	24	ug/L	10.02.13 18:51	
Bromodichloromethane	<0.500	20.0	20.8	104	20.6	103	70-130	1	20	ug/L	10.02.13 18:51	
Bromoform	<1.00	20.0	21.4	107	20.6	103	69-130	4	20	ug/L	10.02.13 18:51	
Bromomethane	<5.00	20.0	21.6	108	21.8	109	58-138	1	25	ug/L	10.02.13 18:51	
2-Butanone	<5.00	40.0	43.3	108	42.2	106	58-146	3	27	ug/L	10.02.13 18:51	
MTBE	<2.00	20.0	21.4	107	21.5	108	70-130	0	21	ug/L	10.02.13 18:51	
n-Butylbenzene	<2.50	20.0	19.7	99	19.6	98	58-128	1	20	ug/L	10.02.13 18:51	
Sec-Butylbenzene	<1.50	20.0	21.9	110	22.3	112	61-133	2	20	ug/L	10.02.13 18:51	
tert-Butylbenzene	<2.50	20.0	21.1	106	21.2	106	65-128	0	20	ug/L	10.02.13 18:51	
Carbon Disulfide	<0.500	20.0	20.4	102	20.2	101	59-138	1	22	ug/L	10.02.13 18:51	
Carbon Tetrachloride	<0.500	20.0	21.4	107	21.3	107	57-140	0	21	ug/L	10.02.13 18:51	
Chlorobenzene	<0.500	20.0	22.5	113	22.2	111	70-130	1	20	ug/L	10.02.13 18:51	
Chloroethane	<4.00	20.0	18.0	90	17.6	88	60-146	2	24	ug/L	10.02.13 18:51	
Chloroform	<0.500	20.0	21.7	109	21.6	108	66-128	0	24	ug/L	10.02.13 18:51	
Chloromethane	<5.00	20.0	20.7	104	21.9	110	47-144	6	26	ug/L	10.02.13 18:51	
2-Chlorotoluene	<1.50	20.0	21.0	105	21.7	109	70-130	3	20	ug/L	10.02.13 18:51	
4-Chlorotoluene	<2.00	20.0	21.7	109	22.4	112	70-130	3	28	ug/L	10.02.13 18:51	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	21.0	105	21.5	108	67-135	2	20	ug/L	10.02.13 18:51	
Dibromochloromethane	<0.500	20.0	21.2	106	21.1	106	70-130	0	20	ug/L	10.02.13 18:51	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	21.2	106	21.2	106	60-128	0	21	ug/L	10.02.13 18:51	
1,2-Dibromoethane	<0.500	20.0	21.5	108	21.5	108	70-130	0	20	ug/L	10.02.13 18:51	
Dibromomethane	<0.500	20.0	21.0	105	21.1	106	70-130	0	23	ug/L	10.02.13 18:51	
1,2-Dichlorobenzene	<1.50	20.0	21.7	109	21.9	110	70-130	1	20	ug/L	10.02.13 18:51	
1,3-Dichlorobenzene	<1.50	20.0	22.2	111	22.0	110	70-130	1	20	ug/L	10.02.13 18:51	
1,4-Dichlorobenzene	<1.50	20.0	20.0	100	20.5	103	70-130	2	20	ug/L	10.02.13 18:51	
Dichlorodifluoromethane	<2.00	20.0	17.1	86	16.6	83	9-134	3	27	ug/L	10.02.13 18:51	
1,1-Dichloroethane	<0.500	20.0	21.7	109	21.2	106	66-132	2	20	ug/L	10.02.13 18:51	
1,2-Dichloroethane	<0.500	20.0	20.6	103	20.3	102	70-130	1	20	ug/L	10.02.13 18:51	
1,1-Dichloroethene	<0.500	20.0	20.6	103	20.0	100	58-144	3	21	ug/L	10.02.13 18:51	
cis-1,2-Dichloroethene	<0.500	20.0	21.4	107	20.8	104	67-129	3	24	ug/L	10.02.13 18:51	
trans-1,2-dichloroethene	<0.500	20.0	21.0	105	20.4	102	63-137	3	21	ug/L	10.02.13 18:51	
1,2-Dichloropropane	<0.500	20.0	20.3	102	20.3	102	70-130	0	20	ug/L	10.02.13 18:51	
1,3-Dichloropropane	<1.00	20.0	20.7	104	21.1	106	70-130	2	20	ug/L	10.02.13 18:51	
2,2-Dichloropropane	<0.500	20.0	20.7	104	20.7	104	60-141	0	24	ug/L	10.02.13 18:51	
1,1-Dichloropropene	<1.00	20.0	20.5	103	20.3	102	64-135	1	20	ug/L	10.02.13 18:51	
cis-1,3-Dichloropropene	<1.00	20.0	20.8	104	20.8	104	70-130	0	20	ug/L	10.02.13 18:51	
trans-1,3-dichloropropene	<0.500	20.0	21.4	107	21.4	107	70-130	0	20	ug/L	10.02.13 18:51	
Ethylbenzene	<2.00	20.0	20.6	103	20.4	102	70-130	1	20	ug/L	10.02.13 18:51	
Hexachlorobutadiene	<5.00	20.0	20.0	100	20.0	100	54-145	0	22	ug/L	10.02.13 18:51	
2-Hexanone	<5.00	40.0	44.4	111	43.5	109	65-129	2	20	ug/L	10.02.13 18:51	
isopropylbenzene	<2.50	20.0	20.8	104	20.5	103	70-130	1	20	ug/L	10.02.13 18:51	
Methylene Chloride	<3.00	20.0	19.9	100	19.3	97	61-127	3	20	ug/L	10.02.13 18:51	
Iodomethane (Methyl Iodide)	<2.00	20.0	21.4	107	20.6	103	68-128	4	22	ug/L	10.02.13 18:51	
4-Methyl-2-Pentanone	<5.00	40.0	41.2	103	41.3	103	67-131	0	21	ug/L	10.02.13 18:51	
Naphthalene	<5.00	20.0	20.5	103	22.0	110	64-133	7	27	ug/L	10.02.13 18:51	
n-Propylbenzene	<2.00	20.0	21.5	108	22.1	111	65-128	3	20	ug/L	10.02.13 18:51	
Styrene	<1.00	20.0	21.0	105	20.6	103	70-130	2	20	ug/L	10.02.13 18:51	
1,1,1,2-Tetrachloroethane	<0.500	20.0	20.7	104	20.3	102	70-130	2	20	ug/L	10.02.13 18:51	
1,1,2,2-Tetrachloroethane	0.510	20.0	22.1	111	20.8	104	70-130	6	20	ug/L	10.02.13 18:51	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924515 Matrix: Water Date Prep: 10.02.13
MB Sample Id: 644806-1-BLK LCS Sample Id: 644806-1-BKS LCSD Sample Id: 644806-1-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	21.1	106	20.6	103	63-127	2	20	ug/L	10.02.13 18:51	
Toluene	<2.00	20.0	20.1	101	19.8	99	70-130	2	20	ug/L	10.02.13 18:51	
1,2,3-Trichlorobenzene	<5.00	20.0	20.2	101	21.0	105	66-131	4	27	ug/L	10.02.13 18:51	
1,2,4-Trichlorobenzene	<5.00	20.0	20.5	103	21.0	105	69-127	2	20	ug/L	10.02.13 18:51	
1,1,1-Trichloroethane	<0.500	20.0	20.8	104	20.0	100	62-133	4	20	ug/L	10.02.13 18:51	
1,1,2-Trichloroethane	<0.500	20.0	20.7	104	20.9	105	70-130	1	20	ug/L	10.02.13 18:51	
Trichloroethene	<0.500	20.0	21.1	106	20.8	104	70-130	1	20	ug/L	10.02.13 18:51	
Trichlorofluoromethane	<2.00	20.0	18.5	93	18.0	90	45-151	3	22	ug/L	10.02.13 18:51	
1,2,3-Trichloropropane	<1.00	20.0	21.1	106	22.2	111	70-130	5	20	ug/L	10.02.13 18:51	
1,2,4-Trimethylbenzene	<2.00	20.0	19.8	99	19.8	99	70-130	0	20	ug/L	10.02.13 18:51	
1,3,5-Trimethylbenzene	<1.50	20.0	19.4	97	20.1	101	70-130	4	20	ug/L	10.02.13 18:51	
o-Xylene	<1.00	20.0	22.0	110	21.9	110	70-130	0	20	ug/L	10.02.13 18:51	
m,p-Xylenes	<2.00	40.0	42.6	107	42.7	107	70-130	0	20	ug/L	10.02.13 18:51	
Vinyl Acetate	<5.00	20.0	17.6	88	17.9	90	52-142	2	22	ug/L	10.02.13 18:51	
Vinyl Chloride	<0.500	20.0	17.4	87	17.3	87	43-120	1	25	ug/L	10.02.13 18:51	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	100		98		98		69-133	%	10.02.13 18:51
1,2-Dichloroethane-D4	96		99		97		66-139	%	10.02.13 18:51
Toluene-D8	96		97		97		70-130	%	10.02.13 18:51
4-Bromofluorobenzene	92		94		93		70-135	%	10.02.13 18:51

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924520 Matrix: Water Date Prep: 10.03.13
MB Sample Id: 644807-1-BLK LCS Sample Id: 644807-1-BKS LCSD Sample Id: 644807-1-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	40.5	101	41.5	104	55-165	2	28	ug/L	10.03.13 12:37	
Benzene	<0.500	20.0	21.0	105	20.6	103	70-130	2	20	ug/L	10.03.13 12:37	
Bromobenzene	<1.50	20.0	20.5	103	20.4	102	70-130	0	20	ug/L	10.03.13 12:37	
Bromochloromethane	<0.500	20.0	22.1	111	22.1	111	67-125	0	24	ug/L	10.03.13 12:37	
Bromodichloromethane	<0.500	20.0	20.5	103	20.0	100	70-130	2	20	ug/L	10.03.13 12:37	
Bromoform	<1.00	20.0	18.9	95	19.0	95	69-130	1	20	ug/L	10.03.13 12:37	
Bromomethane	<5.00	20.0	26.1	131	23.1	116	58-138	12	25	ug/L	10.03.13 12:37	
2-Butanone	<5.00	40.0	42.5	106	44.6	112	58-146	5	27	ug/L	10.03.13 12:37	
MTBE	<2.00	20.0	20.9	105	21.4	107	70-130	2	21	ug/L	10.03.13 12:37	
n-Butylbenzene	<2.50	20.0	20.8	104	19.9	100	58-128	4	20	ug/L	10.03.13 12:37	
Sec-Butylbenzene	<1.50	20.0	23.3	117	22.7	114	61-133	3	20	ug/L	10.03.13 12:37	
tert-Butylbenzene	<2.50	20.0	22.5	113	22.1	111	65-128	2	20	ug/L	10.03.13 12:37	
Carbon Disulfide	<0.500	20.0	21.6	108	21.2	106	59-138	2	22	ug/L	10.03.13 12:37	
Carbon Tetrachloride	<0.500	20.0	20.9	105	20.3	102	57-140	3	21	ug/L	10.03.13 12:37	
Chlorobenzene	<0.500	20.0	22.5	113	21.9	110	70-130	3	20	ug/L	10.03.13 12:37	
Chloroethane	<4.00	20.0	19.5	98	18.9	95	60-146	3	24	ug/L	10.03.13 12:37	
Chloroform	<0.500	20.0	22.8	114	22.4	112	66-128	2	24	ug/L	10.03.13 12:37	
Chloromethane	<5.00	20.0	22.7	114	23.7	119	47-144	4	26	ug/L	10.03.13 12:37	
2-Chlorotoluene	<1.50	20.0	22.1	111	22.2	111	70-130	0	20	ug/L	10.03.13 12:37	
4-Chlorotoluene	<2.00	20.0	23.0	115	22.0	110	70-130	4	28	ug/L	10.03.13 12:37	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	22.6	113	21.9	110	67-135	3	20	ug/L	10.03.13 12:37	
Dibromochloromethane	<0.500	20.0	20.1	101	20.1	101	70-130	0	20	ug/L	10.03.13 12:37	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	18.7	94	20.0	100	60-128	7	21	ug/L	10.03.13 12:37	
1,2-Dibromoethane	<0.500	20.0	20.3	102	20.5	103	70-130	1	20	ug/L	10.03.13 12:37	
Dibromomethane	<0.500	20.0	20.6	103	20.4	102	70-130	1	23	ug/L	10.03.13 12:37	
1,2-Dichlorobenzene	<1.50	20.0	21.8	109	21.6	108	70-130	1	20	ug/L	10.03.13 12:37	
1,3-Dichlorobenzene	<1.50	20.0	22.9	115	23.0	115	70-130	0	20	ug/L	10.03.13 12:37	
1,4-Dichlorobenzene	<1.50	20.0	20.4	102	20.1	101	70-130	1	20	ug/L	10.03.13 12:37	
Dichlorodifluoromethane	<2.00	20.0	16.9	85	16.8	84	9-134	1	27	ug/L	10.03.13 12:37	
1,1-Dichloroethane	<0.500	20.0	23.5	118	23.2	116	66-132	1	20	ug/L	10.03.13 12:37	
1,2-Dichloroethane	<0.500	20.0	20.3	102	20.4	102	70-130	0	20	ug/L	10.03.13 12:37	
1,1-Dichloroethene	<0.500	20.0	21.9	110	21.5	108	58-144	2	21	ug/L	10.03.13 12:37	
cis-1,2-Dichloroethene	<0.500	20.0	22.0	110	21.8	109	67-129	1	24	ug/L	10.03.13 12:37	
trans-1,2-dichloroethene	<0.500	20.0	22.7	114	22.0	110	63-137	3	21	ug/L	10.03.13 12:37	
1,2-Dichloropropane	<0.500	20.0	21.0	105	20.4	102	70-130	3	20	ug/L	10.03.13 12:37	
1,3-Dichloropropane	<1.00	20.0	20.4	102	20.7	104	70-130	1	20	ug/L	10.03.13 12:37	
2,2-Dichloropropane	<0.500	20.0	21.5	108	21.3	107	60-141	1	24	ug/L	10.03.13 12:37	
1,1-Dichloropropene	<1.00	20.0	20.7	104	20.3	102	64-135	2	20	ug/L	10.03.13 12:37	
cis-1,3-Dichloropropene	<1.00	20.0	20.9	105	20.5	103	70-130	2	20	ug/L	10.03.13 12:37	
trans-1,3-dichloropropene	<0.500	20.0	21.0	105	20.5	103	70-130	2	20	ug/L	10.03.13 12:37	
Ethylbenzene	<2.00	20.0	20.4	102	19.8	99	70-130	3	20	ug/L	10.03.13 12:37	
Hexachlorobutadiene	<5.00	20.0	20.8	104	20.2	101	54-145	3	22	ug/L	10.03.13 12:37	
2-Hexanone	<5.00	40.0	39.9	100	41.5	104	65-129	4	20	ug/L	10.03.13 12:37	
isopropylbenzene	<2.50	20.0	20.6	103	20.0	100	70-130	3	20	ug/L	10.03.13 12:37	
Methylene Chloride	<3.00	20.0	20.8	104	20.5	103	61-127	1	20	ug/L	10.03.13 12:37	
Iodomethane (Methyl Iodide)	<2.00	20.0	22.7	114	21.0	105	68-128	8	22	ug/L	10.03.13 12:37	
4-Methyl-2-Pentanone	<5.00	40.0	37.1	93	38.0	95	67-131	2	21	ug/L	10.03.13 12:37	
Naphthalene	<5.00	20.0	19.4	97	20.9	105	64-133	7	27	ug/L	10.03.13 12:37	
n-Propylbenzene	<2.00	20.0	23.0	115	22.5	113	65-128	2	20	ug/L	10.03.13 12:37	
Styrene	<1.00	20.0	20.5	103	19.9	100	70-130	3	20	ug/L	10.03.13 12:37	
1,1,1,2-Tetrachloroethane	<0.500	20.0	20.7	104	20.0	100	70-130	3	20	ug/L	10.03.13 12:37	
1,1,2,2-Tetrachloroethane	<0.500	20.0	19.6	98	20.1	101	70-130	3	20	ug/L	10.03.13 12:37	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924520 Matrix: Water Date Prep: 10.03.13
MB Sample Id: 644807-1-BLK LCS Sample Id: 644807-1-BKS LCSD Sample Id: 644807-1-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	20.2	101	20.0	100	63-127	1	20	ug/L	10.03.13 12:37	
Toluene	<2.00	20.0	19.7	99	19.3	97	70-130	2	20	ug/L	10.03.13 12:37	
1,2,3-Trichlorobenzene	<5.00	20.0	18.8	94	20.1	101	66-131	7	27	ug/L	10.03.13 12:37	
1,2,4-Trichlorobenzene	<5.00	20.0	19.9	100	20.4	102	69-127	2	20	ug/L	10.03.13 12:37	
1,1,1-Trichloroethane	<0.500	20.0	20.8	104	20.6	103	62-133	1	20	ug/L	10.03.13 12:37	
1,1,2-Trichloroethane	<0.500	20.0	20.0	100	20.4	102	70-130	2	20	ug/L	10.03.13 12:37	
Trichloroethene	<0.500	20.0	20.6	103	20.5	103	70-130	0	20	ug/L	10.03.13 12:37	
Trichlorofluoromethane	<2.00	20.0	19.2	96	18.9	95	45-151	2	22	ug/L	10.03.13 12:37	
1,2,3-Trichloropropane	<1.00	20.0	20.7	104	20.8	104	70-130	0	20	ug/L	10.03.13 12:37	
1,2,4-Trimethylbenzene	<2.00	20.0	21.0	105	20.6	103	70-130	2	20	ug/L	10.03.13 12:37	
1,3,5-Trimethylbenzene	<1.50	20.0	20.8	104	20.3	102	70-130	2	20	ug/L	10.03.13 12:37	
o-Xylene	<1.00	20.0	21.8	109	21.6	108	70-130	1	20	ug/L	10.03.13 12:37	
m,p-Xylenes	<2.00	40.0	42.7	107	41.7	104	70-130	2	20	ug/L	10.03.13 12:37	
Vinyl Acetate	<5.00	20.0	17.6	88	17.9	90	52-142	2	22	ug/L	10.03.13 12:37	
Vinyl Chloride	<0.500	20.0	19.6	98	18.5	93	43-120	6	25	ug/L	10.03.13 12:37	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	99		98		101		69-133	%	10.03.13 12:37
1,2-Dichloroethane-D4	94		91		92		66-139	%	10.03.13 12:37
Toluene-D8	93		91		94		70-130	%	10.03.13 12:37
4-Bromofluorobenzene	90		89		91		70-135	%	10.03.13 12:37

QC Summary 470705

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 924152 Matrix: Water Date Prep: 09.25.13
Parent Sample Id: 470704-005 MS Sample Id: 470704-005 S MSD Sample Id: 470704-005 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	38.8	97	38.4	96	35-160	1	20	ug/L	09.25.13 22:22	
Benzene	<0.500	20.0	17.9	90	18.0	90	69-130	1	20	ug/L	09.25.13 22:22	
Bromobenzene	<1.50	20.0	20.0	100	20.6	103	70-130	3	20	ug/L	09.25.13 22:22	
Bromochloromethane	<0.500	20.0	21.5	108	20.9	105	63-119	3	22	ug/L	09.25.13 22:22	
Bromodichloromethane	<0.500	20.0	23.2	116	23.3	117	70-130	0	20	ug/L	09.25.13 22:22	
Bromoform	<1.00	20.0	20.1	101	20.3	102	57-121	1	20	ug/L	09.25.13 22:22	
Bromomethane	<5.00	20.0	36.7	184	36.2	181	53-141	1	22	ug/L	09.25.13 22:22	N1
2-Butanone	<5.00	40.0	33.1	83	33.3	83	46-136	1	22	ug/L	09.25.13 22:22	
MTBE	<2.00	20.0	19.1	96	19.2	96	65-127	1	20	ug/L	09.25.13 22:22	
n-Butylbenzene	<2.50	20.0	20.0	100	20.8	104	65-127	4	20	ug/L	09.25.13 22:22	
Sec-Butylbenzene	<1.50	20.0	22.8	114	23.8	119	70-130	4	20	ug/L	09.25.13 22:22	
tert-Butylbenzene	<2.50	20.0	22.9	115	23.9	120	70-130	4	20	ug/L	09.25.13 22:22	
Carbon Disulfide	0.630	20.0	20.3	98	17.0	82	58-145	18	28	ug/L	09.25.13 22:22	
Carbon Tetrachloride	<0.500	20.0	25.5	128	25.9	130	60-152	2	20	ug/L	09.25.13 22:22	
Chlorobenzene	<0.500	20.0	21.0	105	21.1	106	70-130	0	20	ug/L	09.25.13 22:22	
Chloroethane	<4.00	20.0	24.2	121	22.8	114	59-153	6	20	ug/L	09.25.13 22:22	
Chloroform	<0.500	20.0	23.7	119	23.3	117	65-123	2	22	ug/L	09.25.13 22:22	
Chloromethane	<5.00	20.0	17.5	88	17.5	88	47-148	0	22	ug/L	09.25.13 22:22	
2-Chlorotoluene	<1.50	20.0	23.4	117	24.0	120	70-130	3	20	ug/L	09.25.13 22:22	
4-Chlorotoluene	<2.00	20.0	23.4	117	24.8	124	70-130	6	20	ug/L	09.25.13 22:22	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	23.3	117	23.9	120	70-130	3	20	ug/L	09.25.13 22:22	
Dibromochloromethane	<0.500	20.0	20.8	104	20.9	105	70-130	0	20	ug/L	09.25.13 22:22	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	16.9	85	18.0	90	50-117	6	22	ug/L	09.25.13 22:22	
1,2-Dibromoethane	<0.500	20.0	19.2	96	19.5	98	67-117	2	20	ug/L	09.25.13 22:22	
Dibromomethane	<0.500	20.0	21.1	106	21.1	106	66-115	0	20	ug/L	09.25.13 22:22	
1,2-Dichlorobenzene	<1.50	20.0	20.1	101	21.0	105	70-130	4	20	ug/L	09.25.13 22:22	
1,3-Dichlorobenzene	<1.50	20.0	20.5	103	20.4	102	70-130	0	20	ug/L	09.25.13 22:22	
1,4-Dichlorobenzene	<1.50	20.0	19.2	96	20.3	102	70-130	6	20	ug/L	09.25.13 22:22	
Dichlorodifluoromethane	<2.00	20.0	12.9	65	12.1	61	16-151	6	33	ug/L	09.25.13 22:22	
1,1-Dichloroethane	<0.500	20.0	22.6	113	22.3	112	66-129	1	20	ug/L	09.25.13 22:22	
1,2-Dichloroethane	<0.500	20.0	24.5	123	24.6	123	64-126	0	20	ug/L	09.25.13 22:22	
1,1-Dichloroethene	<0.500	20.0	22.0	110	21.5	108	65-152	2	20	ug/L	09.25.13 22:22	
cis-1,2-Dichloroethene	<0.500	20.0	20.2	101	19.6	98	66-126	3	20	ug/L	09.25.13 22:22	
trans-1,2-dichloroethene	<0.500	20.0	21.9	110	21.2	106	66-135	3	20	ug/L	09.25.13 22:22	
1,2-Dichloropropane	<0.500	20.0	17.9	90	18.5	93	70-130	3	20	ug/L	09.25.13 22:22	
1,3-Dichloropropane	<1.00	20.0	18.5	93	18.6	93	67-115	1	20	ug/L	09.25.13 22:22	
2,2-Dichloropropane	<0.500	20.0	23.3	117	22.9	115	62-145	2	20	ug/L	09.25.13 22:22	
1,1-Dichloropropene	<1.00	20.0	19.7	99	19.9	100	72-140	1	20	ug/L	09.25.13 22:22	
cis-1,3-Dichloropropene	<1.00	20.0	19.1	96	19.5	98	67-122	2	20	ug/L	09.25.13 22:22	
trans-1,3-dichloropropene	<0.500	20.0	20.8	104	21.2	106	70-130	2	20	ug/L	09.25.13 22:22	
Ethylbenzene	<2.00	20.0	19.7	99	20.2	101	70-130	3	20	ug/L	09.25.13 22:22	
Hexachlorobutadiene	<5.00	20.0	23.4	117	24.0	120	68-143	3	20	ug/L	09.25.13 22:22	
2-Hexanone	<5.00	40.0	31.1	78	32.6	82	52-122	5	33	ug/L	09.25.13 22:22	
isopropylbenzene	<2.50	20.0	21.2	106	21.8	109	70-130	3	20	ug/L	09.25.13 22:22	
Methylene Chloride	<3.00	20.0	18.7	94	18.4	92	59-121	2	20	ug/L	09.25.13 22:22	
Iodomethane (Methyl Iodide)	<2.00	20.0	21.6	108	19.3	97	66-127	11	20	ug/L	09.25.13 22:22	
4-Methyl-2-Pentanone	<5.00	40.0	33.9	85	35.7	89	53-125	5	20	ug/L	09.25.13 22:22	
Naphthalene	<5.00	20.0	16.8	84	18.5	93	54-129	10	26	ug/L	09.25.13 22:22	
n-Propylbenzene	<2.00	20.0	22.9	115	23.6	118	69-126	3	20	ug/L	09.25.13 22:22	
Styrene	<1.00	20.0	17.7	89	17.7	89	49-142	0	37	ug/L	09.25.13 22:22	
1,1,1,2-Tetrachloroethane	<0.500	20.0	21.0	105	21.1	106	70-130	0	20	ug/L	09.25.13 22:22	
1,1,2,2-Tetrachloroethane	<0.500	20.0	16.7	84	16.9	85	64-122	1	20	ug/L	09.25.13 22:22	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924152 Matrix: Water Date Prep: 09.25.13
Parent Sample Id: 470704-005 MS Sample Id: 470704-005 S MSD Sample Id: 470704-005 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	19.7	99	19.8	99	69-130	1	20	ug/L	09.25.13 22:22	
Toluene	<2.00	20.0	17.9	90	17.9	90	70-130	0	20	ug/L	09.25.13 22:22	
1,2,3-Trichlorobenzene	<5.00	20.0	17.7	89	19.4	97	61-126	9	24	ug/L	09.25.13 22:22	
1,2,4-Trichlorobenzene	<5.00	20.0	18.7	94	19.8	99	64-123	6	20	ug/L	09.25.13 22:22	
1,1,1-Trichloroethane	<0.500	20.0	26.1	131	25.5	128	68-136	2	20	ug/L	09.25.13 22:22	
1,1,2-Trichloroethane	<0.500	20.0	17.8	89	17.7	89	65-112	1	20	ug/L	09.25.13 22:22	
Trichloroethene	5.73	20.0	26.5	104	27.1	107	70-130	2	20	ug/L	09.25.13 22:22	
Trichlorofluoromethane	<2.00	20.0	23.0	115	22.3	112	53-171	3	20	ug/L	09.25.13 22:22	
1,2,3-Trichloropropane	<1.00	20.0	21.3	107	22.2	111	58-116	4	20	ug/L	09.25.13 22:22	
1,2,4-Trimethylbenzene	<2.00	20.0	22.4	112	23.1	116	67-128	3	22	ug/L	09.25.13 22:22	
1,3,5-Trimethylbenzene	<1.50	20.0	22.0	110	22.8	114	70-130	4	20	ug/L	09.25.13 22:22	
o-Xylene	<1.00	20.0	21.5	108	21.7	109	70-130	1	20	ug/L	09.25.13 22:22	
m,p-Xylenes	<2.00	40.0	42.0	105	42.8	107	70-130	2	20	ug/L	09.25.13 22:22	
Vinyl Acetate	<5.00	20.0	12.2	61	12.4	62	43-133	2	23	ug/L	09.25.13 22:22	
Vinyl Chloride	<0.500	20.0	21.9	110	20.9	105	46-132	5	21	ug/L	09.25.13 22:22	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	116		111		69-133	%	09.25.13 22:22
1,2-Dichloroethane-D4	112		111		66-139	%	09.25.13 22:22
Toluene-D8	97		98		70-130	%	09.25.13 22:22
4-Bromofluorobenzene	103		104		70-135	%	09.25.13 22:22

QC Summary 470705

Terranext
WVBA

Analytical Method: VOCs by EPA 8260B Prep Method: SW5030C
Seq Number: 924515 Matrix: Water Date Prep: 10.02.13
Parent Sample Id: 470705-009 MS Sample Id: 470705-009 S MSD Sample Id: 470705-009 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	50.6	127	44.8	112	35-160	12	20	ug/L	10.03.13 00:22	
Benzene	<0.500	20.0	21.1	106	21.1	106	69-130	0	20	ug/L	10.03.13 00:22	
Bromobenzene	<1.50	20.0	20.6	103	21.4	107	70-130	4	20	ug/L	10.03.13 00:22	
Bromochloromethane	<0.500	20.0	22.9	115	22.9	115	63-119	0	22	ug/L	10.03.13 00:22	
Bromodichloromethane	<0.500	20.0	21.4	107	21.4	107	70-130	0	20	ug/L	10.03.13 00:22	
Bromoform	<1.00	20.0	21.5	108	20.9	105	57-121	3	20	ug/L	10.03.13 00:22	
Bromomethane	<5.00	20.0	22.4	112	22.5	113	53-141	0	22	ug/L	10.03.13 00:22	
2-Butanone	<5.00	40.0	51.4	129	46.5	116	46-136	10	22	ug/L	10.03.13 00:22	
MTBE	<2.00	20.0	23.7	119	23.0	115	65-127	3	20	ug/L	10.03.13 00:22	
n-Butylbenzene	<2.50	20.0	19.5	98	20.1	101	65-127	3	20	ug/L	10.03.13 00:22	
Sec-Butylbenzene	<1.50	20.0	22.0	110	23.2	116	70-130	5	20	ug/L	10.03.13 00:22	
tert-Butylbenzene	<2.50	20.0	21.6	108	22.3	112	70-130	3	20	ug/L	10.03.13 00:22	
Carbon Disulfide	<0.500	20.0	21.3	107	21.3	107	58-145	0	28	ug/L	10.03.13 00:22	
Carbon Tetrachloride	<0.500	20.0	21.1	106	21.3	107	60-152	1	20	ug/L	10.03.13 00:22	
Chlorobenzene	<0.500	20.0	22.4	112	23.0	115	70-130	3	20	ug/L	10.03.13 00:22	
Chloroethane	<4.00	20.0	18.7	94	19.3	97	59-153	3	20	ug/L	10.03.13 00:22	
Chloroform	4.07	20.0	26.3	111	26.9	114	65-123	2	22	ug/L	10.03.13 00:22	
Chloromethane	<5.00	20.0	22.4	112	23.4	117	47-148	4	22	ug/L	10.03.13 00:22	
2-Chlorotoluene	<1.50	20.0	21.2	106	22.5	113	70-130	6	20	ug/L	10.03.13 00:22	
4-Chlorotoluene	<2.00	20.0	22.3	112	23.1	116	70-130	4	20	ug/L	10.03.13 00:22	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	21.5	108	22.1	111	70-130	3	20	ug/L	10.03.13 00:22	
Dibromochloromethane	<0.500	20.0	21.7	109	21.8	109	70-130	0	20	ug/L	10.03.13 00:22	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	24.1	121	23.4	117	50-117	3	22	ug/L	10.03.13 00:22	M1
1,2-Dibromoethane	<0.500	20.0	23.0	115	22.6	113	67-117	2	20	ug/L	10.03.13 00:22	
Dibromomethane	<0.500	20.0	22.1	111	21.7	109	66-115	2	20	ug/L	10.03.13 00:22	
1,2-Dichlorobenzene	<1.50	20.0	22.2	111	22.9	115	70-130	3	20	ug/L	10.03.13 00:22	
1,3-Dichlorobenzene	<1.50	20.0	22.3	112	23.1	116	70-130	4	20	ug/L	10.03.13 00:22	
1,4-Dichlorobenzene	<1.50	20.0	20.6	103	21.1	106	70-130	2	20	ug/L	10.03.13 00:22	
Dichlorodifluoromethane	<2.00	20.0	19.3	97	19.1	96	16-151	1	33	ug/L	10.03.13 00:22	
1,1-Dichloroethane	<0.500	20.0	23.2	116	22.9	115	66-129	1	20	ug/L	10.03.13 00:22	
1,2-Dichloroethane	<0.500	20.0	21.6	108	21.2	106	64-126	2	20	ug/L	10.03.13 00:22	
1,1-Dichloroethene	<0.500	20.0	21.1	106	21.0	105	65-152	0	20	ug/L	10.03.13 00:22	
cis-1,2-Dichloroethene	<0.500	20.0	21.9	110	22.1	111	66-126	1	20	ug/L	10.03.13 00:22	
trans-1,2-dichloroethene	<0.500	20.0	21.7	109	21.5	108	66-135	1	20	ug/L	10.03.13 00:22	
1,2-Dichloropropane	<0.500	20.0	21.4	107	21.0	105	70-130	2	20	ug/L	10.03.13 00:22	
1,3-Dichloropropane	<1.00	20.0	22.0	110	22.1	111	67-115	0	20	ug/L	10.03.13 00:22	
2,2-Dichloropropane	<0.500	20.0	20.3	102	20.4	102	62-145	0	20	ug/L	10.03.13 00:22	
1,1-Dichloropropene	<1.00	20.0	20.3	102	20.6	103	72-140	1	20	ug/L	10.03.13 00:22	
cis-1,3-Dichloropropene	<1.00	20.0	21.3	107	21.5	108	67-122	1	20	ug/L	10.03.13 00:22	
trans-1,3-dichloropropene	<0.500	20.0	21.5	108	21.6	108	70-130	0	20	ug/L	10.03.13 00:22	
Ethylbenzene	<2.00	20.0	20.2	101	20.7	104	70-130	2	20	ug/L	10.03.13 00:22	
Hexachlorobutadiene	<5.00	20.0	20.1	101	20.4	102	68-143	1	20	ug/L	10.03.13 00:22	
2-Hexanone	<5.00	40.0	48.8	122	47.7	119	52-122	2	33	ug/L	10.03.13 00:22	
isopropylbenzene	<2.50	20.0	20.5	103	21.0	105	70-130	2	20	ug/L	10.03.13 00:22	
Methylene Chloride	<3.00	20.0	21.0	105	20.5	103	59-121	2	20	ug/L	10.03.13 00:22	
Iodomethane (Methyl Iodide)	<2.00	20.0	24.3	122	21.1	106	66-127	14	20	ug/L	10.03.13 00:22	
4-Methyl-2-Pentanone	<5.00	40.0	45.2	113	43.3	108	53-125	4	20	ug/L	10.03.13 00:22	
Naphthalene	<5.00	20.0	24.6	123	24.8	124	54-129	1	26	ug/L	10.03.13 00:22	
n-Propylbenzene	<2.00	20.0	21.7	109	22.7	114	69-126	5	20	ug/L	10.03.13 00:22	
Styrene	<1.00	20.0	20.1	101	20.6	103	49-142	2	37	ug/L	10.03.13 00:22	
1,1,1,2-Tetrachloroethane	<0.500	20.0	20.7	104	21.1	106	70-130	2	20	ug/L	10.03.13 00:22	
1,1,2,2-Tetrachloroethane	<0.500	20.0	23.0	115	21.7	109	64-122	6	20	ug/L	10.03.13 00:22	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924515 Matrix: Water Date Prep: 10.02.13
Parent Sample Id: 470705-009 MS Sample Id: 470705-009 S MSD Sample Id: 470705-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	1.52	20.0	21.3	99	22.5	105	69-130	5	20	ug/L	10.03.13 00:22	
Toluene	<2.00	20.0	19.3	97	20.4	102	70-130	6	20	ug/L	10.03.13 00:22	
1,2,3-Trichlorobenzene	<5.00	20.0	22.6	113	22.9	115	61-126	1	24	ug/L	10.03.13 00:22	
1,2,4-Trichlorobenzene	<5.00	20.0	21.5	108	21.8	109	64-123	1	20	ug/L	10.03.13 00:22	
1,1,1-Trichloroethane	<0.500	20.0	21.0	105	20.9	105	68-136	0	20	ug/L	10.03.13 00:22	
1,1,2-Trichloroethane	<0.500	20.0	21.7	109	22.2	111	65-112	2	20	ug/L	10.03.13 00:22	
Trichloroethene	0.600	20.0	21.4	104	21.8	106	70-130	2	20	ug/L	10.03.13 00:22	
Trichlorofluoromethane	<2.00	20.0	18.2	91	18.3	92	53-171	1	20	ug/L	10.03.13 00:22	
1,2,3-Trichloropropane	<1.00	20.0	23.2	116	23.4	117	58-116	1	20	ug/L	10.03.13 00:22	M1
1,2,4-Trimethylbenzene	<2.00	20.0	20.1	101	20.8	104	67-128	3	22	ug/L	10.03.13 00:22	
1,3,5-Trimethylbenzene	<1.50	20.0	19.7	99	20.8	104	70-130	5	20	ug/L	10.03.13 00:22	
o-Xylene	<1.00	20.0	21.8	109	22.5	113	70-130	3	20	ug/L	10.03.13 00:22	
m,p-Xylenes	<2.00	40.0	42.4	106	43.2	108	70-130	2	20	ug/L	10.03.13 00:22	
Vinyl Acetate	<5.00	20.0	18.1	91	17.5	88	43-133	3	23	ug/L	10.03.13 00:22	
Vinyl Chloride	<0.500	20.0	19.9	100	19.5	98	46-132	2	21	ug/L	10.03.13 00:22	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	104		101		69-133	%	10.03.13 00:22
1,2-Dichloroethane-D4	101		99		66-139	%	10.03.13 00:22
Toluene-D8	95		97		70-130	%	10.03.13 00:22
4-Bromofluorobenzene	92		92		70-135	%	10.03.13 00:22

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924520 Matrix: Water Date Prep: 10.03.13
Parent Sample Id: 471232-006 MS Sample Id: 471232-006 S MSD Sample Id: 471232-006 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	44.0	110	45.3	113	35-160	3	20	ug/L	10.03.13 18:30	
Benzene	<0.500	20.0	20.8	104	20.9	105	69-130	0	20	ug/L	10.03.13 18:30	
Bromobenzene	<1.50	20.0	20.0	100	20.8	104	70-130	4	20	ug/L	10.03.13 18:30	
Bromochloromethane	<0.500	20.0	23.7	119	23.0	115	63-119	3	22	ug/L	10.03.13 18:30	
Bromodichloromethane	<0.500	20.0	19.6	98	19.7	99	70-130	1	20	ug/L	10.03.13 18:30	
Bromoform	<1.00	20.0	18.1	91	18.4	92	57-121	2	20	ug/L	10.03.13 18:30	
Bromomethane	<5.00	20.0	26.6	133	27.8	139	53-141	4	22	ug/L	10.03.13 18:30	
2-Butanone	<5.00	40.0	43.6	109	41.5	104	46-136	5	22	ug/L	10.03.13 18:30	
MTBE	<2.00	20.0	21.9	110	21.9	110	65-127	0	20	ug/L	10.03.13 18:30	
n-Butylbenzene	<2.50	20.0	20.4	102	20.7	104	65-127	1	20	ug/L	10.03.13 18:30	
Sec-Butylbenzene	<1.50	20.0	22.7	114	23.7	119	70-130	4	20	ug/L	10.03.13 18:30	
tert-Butylbenzene	<2.50	20.0	22.5	113	22.6	113	70-130	0	20	ug/L	10.03.13 18:30	
Carbon Disulfide	<0.500	20.0	26.2	131	22.2	111	58-145	17	28	ug/L	10.03.13 18:30	
Carbon Tetrachloride	<0.500	20.0	20.7	104	20.8	104	60-152	0	20	ug/L	10.03.13 18:30	
Chlorobenzene	<0.500	20.0	22.6	113	22.7	114	70-130	0	20	ug/L	10.03.13 18:30	
Chloroethane	<4.00	20.0	21.1	106	20.6	103	59-153	2	20	ug/L	10.03.13 18:30	
Chloroform	<0.500	20.0	23.3	117	23.0	115	65-123	1	22	ug/L	10.03.13 18:30	
Chloromethane	<5.00	20.0	24.2	121	25.5	128	47-148	5	22	ug/L	10.03.13 18:30	
2-Chlorotoluene	<1.50	20.0	21.9	110	22.6	113	70-130	3	20	ug/L	10.03.13 18:30	
4-Chlorotoluene	<2.00	20.0	22.5	113	23.1	116	70-130	3	20	ug/L	10.03.13 18:30	
p-Cymene (p-Isopropyltoluene)	<1.50	20.0	22.3	112	22.7	114	70-130	2	20	ug/L	10.03.13 18:30	
Dibromochloromethane	<0.500	20.0	19.6	98	19.9	100	70-130	2	20	ug/L	10.03.13 18:30	
1,2-Dibromo-3-Chloropropane	<2.00	20.0	18.4	92	19.7	99	50-117	7	22	ug/L	10.03.13 18:30	
1,2-Dibromoethane	<0.500	20.0	20.6	103	20.5	103	67-117	0	20	ug/L	10.03.13 18:30	
Dibromomethane	<0.500	20.0	20.5	103	20.3	102	66-115	1	20	ug/L	10.03.13 18:30	
1,2-Dichlorobenzene	<1.50	20.0	21.9	110	22.3	112	70-130	2	20	ug/L	10.03.13 18:30	
1,3-Dichlorobenzene	<1.50	20.0	22.3	112	23.0	115	70-130	3	20	ug/L	10.03.13 18:30	
1,4-Dichlorobenzene	<1.50	20.0	20.5	103	21.1	106	70-130	3	20	ug/L	10.03.13 18:30	
Dichlorodifluoromethane	<2.00	20.0	17.1	86	17.1	86	16-151	0	33	ug/L	10.03.13 18:30	
1,1-Dichloroethane	<0.500	20.0	25.2	126	25.0	125	66-129	1	20	ug/L	10.03.13 18:30	
1,2-Dichloroethane	<0.500	20.0	20.7	104	20.9	105	64-126	1	20	ug/L	10.03.13 18:30	
1,1-Dichloroethene	<0.500	20.0	22.9	115	23.0	115	65-152	0	20	ug/L	10.03.13 18:30	
cis-1,2-Dichloroethene	<0.500	20.0	22.9	115	22.7	114	66-126	1	20	ug/L	10.03.13 18:30	
trans-1,2-dichloroethene	<0.500	20.0	23.8	119	23.5	118	66-135	1	20	ug/L	10.03.13 18:30	
1,2-Dichloropropane	<0.500	20.0	21.3	107	21.4	107	70-130	0	20	ug/L	10.03.13 18:30	
1,3-Dichloropropane	<1.00	20.0	20.8	104	21.0	105	67-115	1	20	ug/L	10.03.13 18:30	
2,2-Dichloropropane	<0.500	20.0	21.7	109	21.9	110	62-145	1	20	ug/L	10.03.13 18:30	
1,1-Dichloropropene	<1.00	20.0	20.5	103	20.6	103	72-140	0	20	ug/L	10.03.13 18:30	
cis-1,3-Dichloropropene	<1.00	20.0	20.5	103	20.7	104	67-122	1	20	ug/L	10.03.13 18:30	
trans-1,3-dichloropropene	<0.500	20.0	20.6	103	21.1	106	70-130	2	20	ug/L	10.03.13 18:30	
Ethylbenzene	<2.00	20.0	20.1	101	20.5	103	70-130	2	20	ug/L	10.03.13 18:30	
Hexachlorobutadiene	<5.00	20.0	19.4	97	21.3	107	68-143	9	20	ug/L	10.03.13 18:30	
2-Hexanone	<5.00	40.0	40.5	101	40.5	101	52-122	0	33	ug/L	10.03.13 18:30	
isopropylbenzene	<2.50	20.0	20.7	104	21.2	106	70-130	2	20	ug/L	10.03.13 18:30	
Methylene Chloride	<3.00	20.0	21.8	109	21.5	108	59-121	1	20	ug/L	10.03.13 18:30	
Iodomethane (Methyl Iodide)	<2.00	20.0	25.7	129	23.0	115	66-127	11	20	ug/L	10.03.13 18:30	M1
4-Methyl-2-Pentanone	<5.00	40.0	37.3	93	37.7	94	53-125	1	20	ug/L	10.03.13 18:30	
Naphthalene	<5.00	20.0	20.2	101	22.5	113	54-129	11	26	ug/L	10.03.13 18:30	
n-Propylbenzene	<2.00	20.0	22.4	112	23.2	116	69-126	4	20	ug/L	10.03.13 18:30	
Styrene	<1.00	20.0	21.0	105	20.9	105	49-142	0	37	ug/L	10.03.13 18:30	
1,1,1,2-Tetrachloroethane	<0.500	20.0	20.3	102	20.6	103	70-130	1	20	ug/L	10.03.13 18:30	
1,1,2,2-Tetrachloroethane	<0.500	20.0	19.9	100	20.5	103	64-122	3	20	ug/L	10.03.13 18:30	

QC Summary 470705

Terranext
WVBA

Analytical Method: **VOCs by EPA 8260B** Prep Method: SW5030C
Seq Number: 924520 Matrix: Water Date Prep: 10.03.13
Parent Sample Id: 471232-006 MS Sample Id: 471232-006 S MSD Sample Id: 471232-006 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	20.5	103	69-130	1	20	ug/L	10.03.13 18:30	
Toluene	<2.00	20.0	19.4	97	20.0	100	70-130	3	20	ug/L	10.03.13 18:30	
1,2,3-Trichlorobenzene	<5.00	20.0	19.3	97	23.1	116	61-126	18	24	ug/L	10.03.13 18:30	
1,2,4-Trichlorobenzene	<5.00	20.0	19.9	100	22.2	111	64-123	11	20	ug/L	10.03.13 18:30	
1,1,1-Trichloroethane	<0.500	20.0	21.5	108	21.0	105	68-136	2	20	ug/L	10.03.13 18:30	
1,1,2-Trichloroethane	<0.500	20.0	20.1	101	20.4	102	65-112	1	20	ug/L	10.03.13 18:30	
Trichloroethene	<0.500	20.0	20.2	101	20.6	103	70-130	2	20	ug/L	10.03.13 18:30	
Trichlorofluoromethane	<2.00	20.0	19.6	98	19.9	100	53-171	2	20	ug/L	10.03.13 18:30	
1,2,3-Trichloropropane	<1.00	20.0	20.1	101	21.1	106	58-116	5	20	ug/L	10.03.13 18:30	
1,2,4-Trimethylbenzene	<2.00	20.0	20.7	104	21.1	106	67-128	2	22	ug/L	10.03.13 18:30	
1,3,5-Trimethylbenzene	<1.50	20.0	20.6	103	21.2	106	70-130	3	20	ug/L	10.03.13 18:30	
o-Xylene	<1.00	20.0	22.3	112	22.6	113	70-130	1	20	ug/L	10.03.13 18:30	
m,p-Xylenes	<2.00	40.0	43.2	108	43.9	110	70-130	2	20	ug/L	10.03.13 18:30	
Vinyl Acetate	<5.00	20.0	18.3	92	18.0	90	43-133	2	23	ug/L	10.03.13 18:30	
Vinyl Chloride	<0.500	20.0	22.7	114	21.7	109	46-132	5	21	ug/L	10.03.13 18:30	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	104		102		69-133	%	10.03.13 18:30
1,2-Dichloroethane-D4	93		91		66-139	%	10.03.13 18:30
Toluene-D8	92		92		70-130	%	10.03.13 18:30
4-Bromofluorobenzene	91		92		70-135	%	10.03.13 18:30

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Work Order No: 470705

Page 1 of 3

Project Manager:	Chuck Gordon	Bill to: (if different)	
Company Name:	Tetlanext	Company Name:	
Address:	4050 E Cotton Center Blvd #73	Address:	
City, State ZIP:	Phx AZ 85040	City, State ZIP:	
Phone:	480-496-4100	Email:	cgordon@tetlanext.net

Work Order Comments

Project Name:	WVBA
Project Number:	03103154
P.O. Number:	
Sampler's Name:	ANDREW MACHUGH

SAMPLE RECEIPT

Temperature (°C):	1.1	Temp Blank Present:	Y	
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	

TAT: ☒ Routine ☐ Rush - Prelim ☐ Rush - Final

Prelim Due Date:

Final Due Date:

ANALYSIS REQUEST (PLEASE CHECK METHOD NUMBER)

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics 8260B ☒ / 624 ☐ / 524.2 ☐	Acrolein ☐ / Acrylonitrile ☐ / 2-CEVE ☐ / 8260B ☐ / 624 ☐	Semi-Volatile Organics 8270C ☐ / 625 ☐	Organochlorine Pesticides 8081A ☐ / 608 ☐	Oil & Grease (1664-HEM) ☐ / TPH (1664-HEM-SGT) ☐	Metals (See Below) Total ☐ Hardness ☐ Ca Hardness ☐	Metals (See Below) Dissolved ☐ TCLP ☐	Total Hexavalent Cr ☐ / Dissolved Hexavalent Cr ☐	Total Cyanide ☐ / Amenable (Free) Cyanide ☐	BOD ☐	pH ☐ Cond. ☐ Alk ☐ TDS ☐ / Cl ☐ SO4 ☐ F ☐ Ortho-P ☐	NO2 ☐ / NO3 (300.0) ☐	NO2+NO3 (353.2) ☐	TKN ☐ / NH3 ☐ / COD ☐ / Total-P ☐	Coliform ☐ / E. Coli (CFU/MPN) ☐ / HPC ☐ / Fecal (CFU/MPN) ☐	Sample Comments
TB	W	9/23/13	0800	1	1	X															
RID-105	W		0750	2	3	X															
RID-105D	W		0755	3	3	X															
RID-106	W		0816	4	3	X															
RID-107	W		0856	5	3	X															
RID-108	W		0907	6	3	X															
RID-109	W		0918	7	3	X															
RID-110	W		0927	8	3	X															
RID-111R	W		0943	9	3	X															
RID-112	W		0953	10	3	X															

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 [signature]	[signature]	9/23/13 1140
2 [signature]	[signature]	9.23.13 1530
3		

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C.O.C. Serial # 10143

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Work Order No: 470705

Page 2 of 3

Project Manager:	Chuck Golden	Bill to: (if different)	
Company Name:	Tetra Tech	Company Name:	
Address:	4050 E Cotton Center Blvd	Address:	
City, State ZIP:	#73 PHX AZ 85040	City, State ZIP:	
Phone:	480-496-4100	Email:	cgolden@tetratech.net

Work Order Comments

Project Name:	WVBA
Project Number:	03103154
P.O. Number:	
Sampler's Name:	Andrew MacHugh

SAMPLE RECEIPT

Temperature (°C):	1.1	Temp Blank Present:	Y
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 624 / 524.2 / 8260B	Acrolein / Acrylonitrile / 8260B / 2-CEVE / 624	Semi-Volatile Organics 625 / 8270C	Organochlorine Pesticides 608 / 8081A	Oil & Grease (1664-HEM) / TPH (1664-HEM-SGT)	Metals (See Below) Total / Hardness / Ca Hardness	Metals (See Below) Dissolved / TCLP	Total Hexavalent Cr / Dissolved Hexavalent Cr	Total Cyanide / Amenable (Free) Cyanide	BOD	pH / Cl / Cond. / SO4 / Alk / F / TDS / Ortho-P / TSS	NO2 / NO3 (300.0)	NO2+NO3 (353.2)	TKN / COD / NH3 / Total-P	Coliliert / HPC / E. Coli (CFU/MPN) / Fecal (CFU/MPN)				Sample Comments
RID-113	W	9/23/13	1003	11	3	X																		
RID-100	W		1020	12	3	X																		
RID-99	W		1032	13	3	X																		
RID-91	W		1050	14	3	X																		
RID-88	W		1107	15	3	X																		
RID-87	W		1120	16	3	X																		
RID-86	W		1136	17	3	X																		
RID-85	W		1150	18	3	X																		
RID-84	W		204	19	3	X																		
RID-82	W		1225	20	3	X																		

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
[signature]	[signature]	9/23/13 1240
[signature]	[signature]	9-23-13 1830
3		

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C.O.C. Serial # 10146

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Work Order No: 470705

Page 3 of 3

Project Manager:	CHUCK Gordon	Bill to: (if different)	
Company Name:	Tetlanext	Company Name:	
Address:	4050 E cotton center Blvd #B	Address:	
City, State ZIP:	PHX AZ 85040	City, State ZIP:	
Phone:	480-496-4100	Email:	cgordon@tetlanext.net

Work Order Comments

Project Name:	WVBA
Project Number:	03103151
P.O. Number:	
Sampler's Name:	ANDREW MACTHUSH

SAMPLE RECEIPT

Temperature (°C):	4.1	Temp Blank Present:	Y	
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 [ ] / 2-CEVE [ ] / 8260B [ ] / 624 [ ]	Semi-Volatile Organics 8270C [ ] / 625 [ ]	Organochlorine Pesticides 8081A [ ] / 608 [ ]	Oil & Grease (1664-HEM) [ ] / TPH (1664-HEM-SGT) [ ]	Metals (See Below) Total [ ] / Hardness [ ] / Ca Hardness [ ]	Metals (See Below) Dissolved [ ] / TCLP [ ]	Total Hexavalent Cr [ ] / Dissolved Hexavalent Cr [ ]	Total Cyanide [ ] / Amenable (Free) Cyanide [ ]	BOD [ ]	pH [ ] / Cond. [ ] / Alk [ ] / TDS [ ] / TSS [ ] / Cl [ ] / SO4 [ ] / F [ ] / Ortho-P [ ]	NO2 [ ] / NO3 (300.0) [ ]	NO2+NO3 (353.2) [ ]	TKN [ ] / NH3 [ ] / COD [ ] / Total-P [ ]	Coliliert [ ] / HPC [ ] / E. Coli (CFU/MPN) [ ] / Fecal (CFU/MPN) [ ]				Sample Comments
RIO 02EB	W	9/23/13	1235	21	3	X																		

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 [signature]	[signature]	9/23/13 1240
2 [signature]	[signature]	9-23-13 15 Ro
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 # 10147

TRANS WEST ANALYTICAL

Sample Receipt Checklist

Client Name: Terramext

Date and Time Received: 9-23-13 1530

Work Order Number: 470705

Checked by: [signature]

Checklist completed by: [signature] Date: 9-23-13

Logged In by: BLH Date: 9/24/13

Matrix: Water Courier Name: Client Xenco _____

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: 1.1 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: _____

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: _____

Radiological Screening: ____ Yes ____ No

If yes, indicate results greater than 2x background _____

CS-002-SRChecklist RV7