Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

December 10, 2014

Julie Sharp-Dahl
Bristol Environmental Remediation Services, LLC
111 W. 16th Avenue
Third Floor
Anchorage, AK 995015109

RE: Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Dear Julie Sharp-Dahl:
Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Timothy Sandager
timothy.sandager@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10288974001	Tower-01-1114	Water	11/13/14 09:45	11/17/14 10:00
10288974002	Tower-02-1114	Water	11/13/14 10:30	11/17/14 10:00
10288974003	Tower-03-1114 Haskell Lake Lodge	Water	11/13/14 11:15	11/17/14 10:00
10288974004	Tower-04-1114	Water	11/13/14 00:00	11/17/14 10:00
10288974005	Tower-05-1114	Water	11/13/14 11:50	11/17/14 10:00
10288974006	Tower-06-1114	Water	11/13/14 12:55	11/17/14 10:00
10288974007	TRIP BLANK	Water	11/13/14 00:00	11/17/14 10:00

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SAMPLE ANALYTE COUNT

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10288974001	Tower-01-1114	EPA 8011	XV1	2
		EPA 6020A	TT3	1
		EPA 524.2	SH2	75
10288974002	Tower-02-1114	EPA 8011	XV1	2
		EPA 6020A	TT3	1
		EPA 524.2	SH2	75
10288974003	Tower-03-1114	EPA 8011	XV1	2
		EPA 6020A	TT3	1
		EPA 524.2	SH2	75
10288974004	Tower-04-1114	EPA 8011	XV1	2
		EPA 6020A	TT3	1
		EPA 524.2	SH2	75
10288974005	Tower-05-1114	EPA 8011	XV1	2
		EPA 6020A	TT3	1
		EPA 524.2	SH2	75
10288974006	Tower-06-1114	EPA 8011	XV1	2
		EPA 6020A	TT3	1
		EPA 524.2	SH2	75
10288974007	TRIP BLANK	EPA 8011	XV1	2
		EPA 524.2	SH2	75

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SUMMARY OF DETECTION

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10288974001	**Tower-01-1114**					
EPA 6020A	Lead	0.26	ug/L	0.10	11/24/14 13:16	
10288974002	**Tower-02-1114**					
EPA 6020A	Lead	118	ug/L	0.10	11/24/14 13:41	
10288974003	**Tower-03-1114** Haskell Lake Lodge					
EPA 6020A	Lead	0.14	ug/L	0.10	11/24/14 13:19	
10288974004	**Tower-04-1114**					
EPA 6020A	Lead	0.16	ug/L	0.10	11/24/14 13:22	
10288974005	**Tower-05-1114**					
EPA 6020A	Lead	0.069J	ug/L	0.10	11/24/14 13:25	
10288974006	**Tower-06-1114**					
EPA 6020A	Lead	0.78	ug/L	0.10	11/24/14 13:27	
10288974007	**TRIP BLANK**					
EPA 524.2	Acetone	271	ug/L	20.0	11/26/14 16:21	
EPA 524.2	Benzene	0.11J	ug/L	0.50	11/26/14 16:21	
EPA 524.2	Ethylbenzene	0.099J	ug/L	0.50	11/26/14 16:21	B
EPA 524.2	Toluene	0.28J	ug/L	0.50	11/26/14 16:21	B
EPA 524.2	m&p-Xylene	0.23J	ug/L	1.0	11/26/14 16:21	B

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 8011**
Description: 8011 GCS EDB and DBCP
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

General Information:
7 samples were analyzed for EPA 8011. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 8011 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: OEXT/27310

S0: Surrogate recovery outside laboratory control limits.
- MS (Lab ID: 1846733)
  - 4-Bromofluorobenzene (S)
- MSD (Lab ID: 1846734)
  - 4-Bromofluorobenzene (S)

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
- Tower-03-1114 (Lab ID: 10288974003)
  - 4-Bromofluorobenzene (S)
- Tower-04-1114 (Lab ID: 10288974004)
  - 4-Bromofluorobenzene (S)

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- BLANK (Lab ID: 1846731)
  - 4-Bromofluorobenzene (S)
- TRIP BLANK (Lab ID: 10288974007)
  - 4-Bromofluorobenzene (S)
- Tower-01-1114 (Lab ID: 10288974001)
  - 4-Bromofluorobenzene (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 8011**
Description: 8011 GCS EDB and DBCP
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: OEXT/27310

C0: Result confirmed by second analysis.

- Tower-03-1114 (Lab ID: 10288974003)
  - 4-Bromofluorobenzene (S)
- Tower-04-1114 (Lab ID: 10288974004)
  - 4-Bromofluorobenzene (S)

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 6020A**
Description: 6020A MET ICPMS
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

General Information:
6 samples were analyzed for EPA 6020A. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3020 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 524.2**
Description: 524.2 MSV
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

General Information:
7 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- Tower-01-1114 (Lab ID: 10288974001)
- Tower-04-1114 (Lab ID: 10288974004)
- Tower-06-1114 (Lab ID: 10288974006)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: MSV/29551

B: Analyte was detected in the associated method blank.
- BLANK for HBN 330969 [MSV/2955 (Lab ID: 1853561)
  - Ethylbenzene
  - Toluene
  - m&p-Xylene

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/29551

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCSD (Lab ID: 1853563)
  - Hexachloro-1,3-butadiene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 524.2**
Description: 524.2 MSV
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

QC Batch: MSV/29475

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10288974002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1850876)
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 2,2-Dichloropropane
  - Carbon disulfide
  - Naphthalene
  - Trichloroethene
  - Trichlorofluoromethane
  - p-Isopropyltoluene
- MSD (Lab ID: 1850877)
  - 1,1,1,2-Tetrachloroethane
  - 1,1,1-Trichloroethane
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2,3-Trichlorobenzene
  - 1,2,3-Trichloropropane
  - 1,2,4-Trichlorobenzene
  - 1,2,4-Trimethylbenzene
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - 1,3,5-Trimethylbenzene
  - 1,3-Dichlorobenzene
  - 1,3-Dichloropropane
  - 1,4-Dichlorobenzene
  - 2,2-Dichloropropane
  - 2-Butanone (MEK)
  - 2-Chlorotoluene
  - 2-Hexanone
  - 2-Nitropropane
  - 4-Chlorotoluene
  - 4-Methyl-2-pentanone (MIBK)
  - Acetone
  - Acrylonitrile
  - Benzene
  - Bromobenzene
  - Bromochloromethane
  - Bromodichloromethane

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 524.2**
Description: 524.2 MSV
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

QC Batch: MSV/29475

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10288974002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Bromoform
- Carbon disulfide
- Carbon tetrachloride
- Chlorobenzene
- Chloroform
- Dibromochloromethane
- Dibromomethane
- Ethyl methacrylate
- Ethylbenzene
- Isopropylbenzene (Cumene)
- Methyl methacrylate
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- n-Butylbenzene
- n-Propylbenzene
- o-Xylene
- p-Isopropyltoluene
- tert-Butylbenzene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene
- trans-1,4-Dichloro-2-butene

R1: RPD value was outside control limits.

- MSD (Lab ID: 1850877)
  - 1,1,1,2-Tetrachloroethane
  - 1,1,1-Trichloroethane
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2,3-Trichloropropane
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dibromoethane (EDB)
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 524.2**
Description: 524.2 MSV
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

QC Batch: MSV/29475

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10288974002

R1: RPD value was outside control limits.

- 1,3-Dichloropropane
- 2,2-Dichloropropane
- 2-Butanone (MEK)
- 2-Hexanone
- 2-Nitropropane
- 4-Methyl-2-pentanone (MIBK)
- Acetone
- Acrylonitrile
- Benzene
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Carbon disulfide
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Ethyl methacrylate
- Methyl methacrylate
- Methyl-tert-butyl ether
- Naphthalene
- Styrene
- Toluene
- Trichlorofluoromethane
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene
- trans-1,4-Dichloro-2-butene

QC Batch: MSV/29551

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

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PROJECT NARRATIVE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Method: **EPA 524.2**
Description: 524.2 MSV
Client: Bristol Environmental Remediation Services, LLC
Date: December 10, 2014

Analyte Comments:

QC Batch: MSV/29551

P2: Re-extraction or re-analysis could not be performed due to insufficient sample amount.

- TRIP BLANK (Lab ID: 10288974007)
  - 4-Bromofluorobenzene (S)

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-01-1114 **Lab ID: 10288974001** Collected: 11/13/14 09:45 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.0098	0.0044	1	11/18/14 01:48	11/22/14 00:13	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	135	%.	70-130		1	11/18/14 01:48	11/22/14 00:13	460-00-4	S3
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3020								
Lead	**0.26**	ug/L	0.10	0.046	1	11/22/14 16:50	11/24/14 13:16	7439-92-1	
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	ND	ug/L	20.0	10.0	1		11/23/14 22:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/23/14 22:22	107-13-1	
Benzene	ND	ug/L	0.50	0.073	1		11/23/14 22:22	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.18	1		11/23/14 22:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/23/14 22:22	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/23/14 22:22	75-27-4	
Bromoform	ND	ug/L	4.0	2.0	1		11/23/14 22:22	75-25-2	
Bromomethane	ND	ug/L	4.0	2.0	1		11/23/14 22:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/23/14 22:22	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.12	1		11/23/14 22:22	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	98-06-6	
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/23/14 22:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/23/14 22:22	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/23/14 22:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		11/23/14 22:22	75-00-3	
Chloroform	ND	ug/L	0.50	0.20	1		11/23/14 22:22	67-66-3	
Chloromethane	ND	ug/L	4.0	0.34	1		11/23/14 22:22	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/23/14 22:22	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/23/14 22:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2.0	1		11/23/14 22:22	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.25	1		11/23/14 22:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/23/14 22:22	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.25	1		11/23/14 22:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/23/14 22:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/23/14 22:22	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/23/14 22:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/23/14 22:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/23/14 22:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/23/14 22:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/23/14 22:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/23/14 22:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/23/14 22:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/23/14 22:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/23/14 22:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/23/14 22:22	563-58-6	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-01-1114 **Lab ID: 10288974001** Collected: 11/13/14 09:45 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/23/14 22:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	10061-02-6	
Ethylbenzene	ND	ug/L	0.50	0.096	1		11/23/14 22:22	100-41-4	
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/23/14 22:22	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/23/14 22:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	2.5	1		11/23/14 22:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/23/14 22:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.25	1		11/23/14 22:22	99-87-6	
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/23/14 22:22	75-09-2	
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/23/14 22:22	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/23/14 22:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/23/14 22:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.50	1		11/23/14 22:22	91-20-3	
2-Nitropropane	ND	ug/L	10.0	5.5	1		11/23/14 22:22	79-46-9	
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/23/14 22:22	103-65-1	
Styrene	ND	ug/L	0.50	0.069	1		11/23/14 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/23/14 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/23/14 22:22	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/23/14 22:22	127-18-4	
Toluene	ND	ug/L	0.50	0.11	1		11/23/14 22:22	108-88-3	
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/23/14 22:22		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/23/14 22:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/23/14 22:22	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.084	1		11/23/14 22:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.12	1		11/23/14 22:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/23/14 22:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:22	108-67-8	
Vinyl chloride	ND	ug/L	0.20	0.082	1		11/23/14 22:22	75-01-4	
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/23/14 22:22	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.12	1		11/23/14 22:22	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.091	1		11/23/14 22:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	75-125		1		11/23/14 22:22	460-00-4	pH
Toluene-d8 (S)	108	%.	75-125		1		11/23/14 22:22	2037-26-5	
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		11/23/14 22:22	17060-07-0	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-02-1114 **Lab ID: 10288974002** Collected: 11/13/14 10:30 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.0096	0.0043	1	11/18/14 01:48	11/22/14 00:39	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	106	%.	70-130		1	11/18/14 01:48	11/22/14 00:39	460-00-4	
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3020								
Lead	**118**	ug/L	0.10	0.046	1	11/22/14 16:50	11/24/14 13:41	7439-92-1	
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	ND	ug/L	20.0	10.0	1		11/23/14 20:25	67-64-1	M1,R1
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/23/14 20:25	107-13-1	M1,R1
Benzene	ND	ug/L	0.50	0.073	1		11/23/14 20:25	71-43-2	M1,R1
Bromobenzene	ND	ug/L	0.50	0.18	1		11/23/14 20:25	108-86-1	M1,R1
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/23/14 20:25	74-97-5	M1,R1
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/23/14 20:25	75-27-4	M1,R1
Bromoform	ND	ug/L	4.0	2.0	1		11/23/14 20:25	75-25-2	M1,R1
Bromomethane	ND	ug/L	4.0	2.0	1		11/23/14 20:25	74-83-9	R1
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/23/14 20:25	78-93-3	M1,R1
n-Butylbenzene	ND	ug/L	1.0	0.12	1		11/23/14 20:25	104-51-8	M1
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	98-06-6	M1
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/23/14 20:25	75-15-0	M1,R1
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/23/14 20:25	56-23-5	M1,R1
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/23/14 20:25	108-90-7	M1,R1
Chloroethane	ND	ug/L	1.0	0.27	1		11/23/14 20:25	75-00-3	R1
Chloroform	ND	ug/L	0.50	0.20	1		11/23/14 20:25	67-66-3	M1,R1
Chloromethane	ND	ug/L	4.0	0.34	1		11/23/14 20:25	74-87-3	R1
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/23/14 20:25	95-49-8	M1
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/23/14 20:25	106-43-4	M1
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2.0	1		11/23/14 20:25	96-12-8	M1,R1
Dibromochloromethane	ND	ug/L	0.50	0.25	1		11/23/14 20:25	124-48-1	M1,R1
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/23/14 20:25	106-93-4	M1,R1
Dibromomethane	ND	ug/L	0.50	0.25	1		11/23/14 20:25	74-95-3	M1,R1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/23/14 20:25	95-50-1	M1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	541-73-1	M1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	106-46-7	M1
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/23/14 20:25	110-57-6	M1,R1
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/23/14 20:25	75-71-8	R1
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/23/14 20:25	75-34-3	M1,R1
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/23/14 20:25	107-06-2	M1,R1
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/23/14 20:25	75-35-4	M1,R1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/23/14 20:25	156-59-2	M1,R1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/23/14 20:25	156-60-5	M1,R1
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/23/14 20:25	78-87-5	M1,R1
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/23/14 20:25	142-28-9	M1,R1
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/23/14 20:25	594-20-7	M1,R1
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/23/14 20:25	563-58-6	M1,R1

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-02-1114 **Lab ID: 10288974002** Collected: 11/13/14 10:30 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/23/14 20:25	10061-01-5	M1,R1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	10061-02-6	M1,R1
Ethylbenzene	ND	ug/L	0.50	0.096	1		11/23/14 20:25	100-41-4	M1
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/23/14 20:25	97-63-2	M1,R1
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/23/14 20:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	2.5	1		11/23/14 20:25	591-78-6	M1,R1
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/23/14 20:25	98-82-8	M1
p-Isopropyltoluene	ND	ug/L	1.0	0.25	1		11/23/14 20:25	99-87-6	M1
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/23/14 20:25	75-09-2	M1
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/23/14 20:25	80-62-6	M1,R1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/23/14 20:25	108-10-1	M1,R1
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/23/14 20:25	1634-04-4	M1,R1
Naphthalene	ND	ug/L	1.0	0.50	1		11/23/14 20:25	91-20-3	M1,R1
2-Nitropropane	ND	ug/L	10.0	5.5	1		11/23/14 20:25	79-46-9	M1,R1
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/23/14 20:25	103-65-1	M1
Styrene	ND	ug/L	0.50	0.069	1		11/23/14 20:25	100-42-5	M1,R1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/23/14 20:25	630-20-6	M1,R1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/23/14 20:25	79-34-5	M1,R1
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/23/14 20:25	127-18-4	M1
Toluene	ND	ug/L	0.50	0.11	1		11/23/14 20:25	108-88-3	M1,R1
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/23/14 20:25		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	87-61-6	M1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	120-82-1	M1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/23/14 20:25	71-55-6	M1,R1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/23/14 20:25	79-00-5	M1,R1
Trichloroethene	ND	ug/L	0.50	0.084	1		11/23/14 20:25	79-01-6	M1
Trichlorofluoromethane	ND	ug/L	1.0	0.12	1		11/23/14 20:25	75-69-4	M1,R1
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/23/14 20:25	96-18-4	M1,R1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	95-63-6	M1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 20:25	108-67-8	M1
Vinyl chloride	ND	ug/L	0.20	0.082	1		11/23/14 20:25	75-01-4	R1
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/23/14 20:25	1330-20-7	MS,RS
m&p-Xylene	ND	ug/L	1.0	0.12	1		11/23/14 20:25	179601-23-1	M1,R1
o-Xylene	ND	ug/L	0.50	0.091	1		11/23/14 20:25	95-47-6	M1,R1
Surrogates									
4-Bromofluorobenzene (S)	104	%.	75-125		1		11/23/14 20:25	460-00-4	
Toluene-d8 (S)	105	%.	75-125		1		11/23/14 20:25	2037-26-5	
1,2-Dichloroethane-d4 (S)	101	%.	75-125		1		11/23/14 20:25	17060-07-0	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST Haskell Lake Lodge
Pace Project No.: 10288974

Sample: Tower-03-1114 **Lab ID: 10288974003** Collected: 11/13/14 11:15 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.0097	0.0044	1	11/18/14 01:48	11/22/14 01:05	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	5	%.	70-130		1	11/18/14 01:48	11/22/14 01:05	460-00-4	C0,S2
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3020								
Lead	**0.14**	ug/L	0.10	0.046	1	11/22/14 16:50	11/24/14 13:19	7439-92-1	
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	ND	ug/L	20.0	10.0	1		11/23/14 21:12	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/23/14 21:12	107-13-1	
Benzene	ND	ug/L	0.50	0.073	1		11/23/14 21:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.18	1		11/23/14 21:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/23/14 21:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/23/14 21:12	75-27-4	
Bromoform	ND	ug/L	4.0	2.0	1		11/23/14 21:12	75-25-2	
Bromomethane	ND	ug/L	4.0	2.0	1		11/23/14 21:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/23/14 21:12	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.12	1		11/23/14 21:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	98-06-6	
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/23/14 21:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/23/14 21:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/23/14 21:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		11/23/14 21:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.20	1		11/23/14 21:12	67-66-3	
Chloromethane	ND	ug/L	4.0	0.34	1		11/23/14 21:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/23/14 21:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/23/14 21:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2.0	1		11/23/14 21:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.25	1		11/23/14 21:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/23/14 21:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.25	1		11/23/14 21:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/23/14 21:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/23/14 21:12	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/23/14 21:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/23/14 21:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/23/14 21:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/23/14 21:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/23/14 21:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/23/14 21:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/23/14 21:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/23/14 21:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/23/14 21:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/23/14 21:12	563-58-6	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-03-1114 **Lab ID: 10288974003** Collected: 11/13/14 11:15 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/23/14 21:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	10061-02-6	
Ethylbenzene	ND	ug/L	0.50	0.096	1		11/23/14 21:12	100-41-4	
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/23/14 21:12	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/23/14 21:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	2.5	1		11/23/14 21:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/23/14 21:12	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.25	1		11/23/14 21:12	99-87-6	
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/23/14 21:12	75-09-2	
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/23/14 21:12	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/23/14 21:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/23/14 21:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.50	1		11/23/14 21:12	91-20-3	
2-Nitropropane	ND	ug/L	10.0	5.5	1		11/23/14 21:12	79-46-9	
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/23/14 21:12	103-65-1	
Styrene	ND	ug/L	0.50	0.069	1		11/23/14 21:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/23/14 21:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/23/14 21:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/23/14 21:12	127-18-4	
Toluene	ND	ug/L	0.50	0.11	1		11/23/14 21:12	108-88-3	
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/23/14 21:12		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/23/14 21:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/23/14 21:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.084	1		11/23/14 21:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.12	1		11/23/14 21:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/23/14 21:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:12	108-67-8	
Vinyl chloride	ND	ug/L	0.20	0.082	1		11/23/14 21:12	75-01-4	
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/23/14 21:12	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.12	1		11/23/14 21:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.091	1		11/23/14 21:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	75-125		1		11/23/14 21:12	460-00-4	
Toluene-d8 (S)	105	%.	75-125		1		11/23/14 21:12	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		11/23/14 21:12	17060-07-0	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-04-1114 **Lab ID: 10288974004** Collected: 11/13/14 00:00 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.0098	0.0044	1	11/18/14 01:48	11/22/14 01:31	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	3	%.	70-130		1	11/18/14 01:48	11/22/14 01:31	460-00-4	C0,S2
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3020								
Lead	**0.16**	ug/L	0.10	0.046	1	11/22/14 16:50	11/24/14 13:22	7439-92-1	
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	ND	ug/L	20.0	10.0	1		11/23/14 22:46	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/23/14 22:46	107-13-1	
Benzene	ND	ug/L	0.50	0.073	1		11/23/14 22:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.18	1		11/23/14 22:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/23/14 22:46	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/23/14 22:46	75-27-4	
Bromoform	ND	ug/L	4.0	2.0	1		11/23/14 22:46	75-25-2	
Bromomethane	ND	ug/L	4.0	2.0	1		11/23/14 22:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/23/14 22:46	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.12	1		11/23/14 22:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	98-06-6	
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/23/14 22:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/23/14 22:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/23/14 22:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		11/23/14 22:46	75-00-3	
Chloroform	ND	ug/L	0.50	0.20	1		11/23/14 22:46	67-66-3	
Chloromethane	ND	ug/L	4.0	0.34	1		11/23/14 22:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/23/14 22:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/23/14 22:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2.0	1		11/23/14 22:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.25	1		11/23/14 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/23/14 22:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.25	1		11/23/14 22:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/23/14 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/23/14 22:46	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/23/14 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/23/14 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/23/14 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/23/14 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/23/14 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/23/14 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/23/14 22:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/23/14 22:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/23/14 22:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/23/14 22:46	563-58-6	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-04-1114 **Lab ID: 10288974004** Collected: 11/13/14 00:00 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/23/14 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	10061-02-6	
Ethylbenzene	ND	ug/L	0.50	0.096	1		11/23/14 22:46	100-41-4	
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/23/14 22:46	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/23/14 22:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	2.5	1		11/23/14 22:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/23/14 22:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.25	1		11/23/14 22:46	99-87-6	
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/23/14 22:46	75-09-2	
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/23/14 22:46	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/23/14 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/23/14 22:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.50	1		11/23/14 22:46	91-20-3	
2-Nitropropane	ND	ug/L	10.0	5.5	1		11/23/14 22:46	79-46-9	
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/23/14 22:46	103-65-1	
Styrene	ND	ug/L	0.50	0.069	1		11/23/14 22:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/23/14 22:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/23/14 22:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/23/14 22:46	127-18-4	
Toluene	ND	ug/L	0.50	0.11	1		11/23/14 22:46	108-88-3	
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/23/14 22:46		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/23/14 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/23/14 22:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.084	1		11/23/14 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.12	1		11/23/14 22:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/23/14 22:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 22:46	108-67-8	
Vinyl chloride	ND	ug/L	0.20	0.082	1		11/23/14 22:46	75-01-4	
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/23/14 22:46	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.12	1		11/23/14 22:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.091	1		11/23/14 22:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	75-125		1		11/23/14 22:46	460-00-4	pH
Toluene-d8 (S)	106	%.	75-125		1		11/23/14 22:46	2037-26-5	
1,2-Dichloroethane-d4 (S)	103	%.	75-125		1		11/23/14 22:46	17060-07-0	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-05-1114 **Lab ID: 10288974005** Collected: 11/13/14 11:50 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.0098	0.0044	1	11/18/14 01:48	11/22/14 01:57	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	122	%.	70-130		1	11/18/14 01:48	11/22/14 01:57	460-00-4	
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3020								
Lead	**0.069J**	ug/L	0.10	0.046	1	11/22/14 16:50	11/24/14 13:25	7439-92-1	
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	ND	ug/L	20.0	10.0	1		11/23/14 21:35	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/23/14 21:35	107-13-1	
Benzene	ND	ug/L	0.50	0.073	1		11/23/14 21:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.18	1		11/23/14 21:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/23/14 21:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/23/14 21:35	75-27-4	
Bromoform	ND	ug/L	4.0	2.0	1		11/23/14 21:35	75-25-2	
Bromomethane	ND	ug/L	4.0	2.0	1		11/23/14 21:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/23/14 21:35	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.12	1		11/23/14 21:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	98-06-6	
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/23/14 21:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/23/14 21:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/23/14 21:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		11/23/14 21:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.20	1		11/23/14 21:35	67-66-3	
Chloromethane	ND	ug/L	4.0	0.34	1		11/23/14 21:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/23/14 21:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/23/14 21:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2.0	1		11/23/14 21:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.25	1		11/23/14 21:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/23/14 21:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.25	1		11/23/14 21:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/23/14 21:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/23/14 21:35	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/23/14 21:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/23/14 21:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/23/14 21:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/23/14 21:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/23/14 21:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/23/14 21:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/23/14 21:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/23/14 21:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/23/14 21:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/23/14 21:35	563-58-6	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-05-1114 **Lab ID: 10288974005** Collected: 11/13/14 11:50 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/23/14 21:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	10061-02-6	
Ethylbenzene	ND	ug/L	0.50	0.096	1		11/23/14 21:35	100-41-4	
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/23/14 21:35	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/23/14 21:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	2.5	1		11/23/14 21:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/23/14 21:35	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.25	1		11/23/14 21:35	99-87-6	
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/23/14 21:35	75-09-2	
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/23/14 21:35	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/23/14 21:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/23/14 21:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.50	1		11/23/14 21:35	91-20-3	
2-Nitropropane	ND	ug/L	10.0	5.5	1		11/23/14 21:35	79-46-9	
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/23/14 21:35	103-65-1	
Styrene	ND	ug/L	0.50	0.069	1		11/23/14 21:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/23/14 21:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/23/14 21:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/23/14 21:35	127-18-4	
Toluene	ND	ug/L	0.50	0.11	1		11/23/14 21:35	108-88-3	
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/23/14 21:35		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/23/14 21:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/23/14 21:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.084	1		11/23/14 21:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.12	1		11/23/14 21:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/23/14 21:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 21:35	108-67-8	
Vinyl chloride	ND	ug/L	0.20	0.082	1		11/23/14 21:35	75-01-4	
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/23/14 21:35	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.12	1		11/23/14 21:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.091	1		11/23/14 21:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	75-125		1		11/23/14 21:35	460-00-4	
Toluene-d8 (S)	104	%.	75-125		1		11/23/14 21:35	2037-26-5	
1,2-Dichloroethane-d4 (S)	100	%.	75-125		1		11/23/14 21:35	17060-07-0	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-06-1114 **Lab ID: 10288974006** Collected: 11/13/14 12:55 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.0098	0.0044	1	11/18/14 01:48	11/22/14 02:23	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	115	%.	70-130		1	11/18/14 01:48	11/22/14 02:23	460-00-4	
6020A MET ICPMS	Analytical Method: EPA 6020A Preparation Method: EPA 3020								
Lead	**0.78**	ug/L	0.10	0.046	1	11/22/14 16:50	11/24/14 13:27	7439-92-1	
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	ND	ug/L	20.0	10.0	1		11/23/14 23:09	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/23/14 23:09	107-13-1	
Benzene	ND	ug/L	0.50	0.073	1		11/23/14 23:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.18	1		11/23/14 23:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/23/14 23:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/23/14 23:09	75-27-4	
Bromoform	ND	ug/L	4.0	2.0	1		11/23/14 23:09	75-25-2	
Bromomethane	ND	ug/L	4.0	2.0	1		11/23/14 23:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/23/14 23:09	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.12	1		11/23/14 23:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	98-06-6	
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/23/14 23:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/23/14 23:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/23/14 23:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		11/23/14 23:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.20	1		11/23/14 23:09	67-66-3	
Chloromethane	ND	ug/L	4.0	0.34	1		11/23/14 23:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/23/14 23:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/23/14 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2.0	1		11/23/14 23:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.25	1		11/23/14 23:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/23/14 23:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.25	1		11/23/14 23:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/23/14 23:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/23/14 23:09	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/23/14 23:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/23/14 23:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/23/14 23:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/23/14 23:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/23/14 23:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/23/14 23:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/23/14 23:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/23/14 23:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/23/14 23:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/23/14 23:09	563-58-6	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: Tower-06-1114 **Lab ID: 10288974006** Collected: 11/13/14 12:55 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/23/14 23:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	10061-02-6	
Ethylbenzene	ND	ug/L	0.50	0.096	1		11/23/14 23:09	100-41-4	
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/23/14 23:09	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/23/14 23:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	2.5	1		11/23/14 23:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/23/14 23:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.25	1		11/23/14 23:09	99-87-6	
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/23/14 23:09	75-09-2	
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/23/14 23:09	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/23/14 23:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/23/14 23:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.50	1		11/23/14 23:09	91-20-3	
2-Nitropropane	ND	ug/L	10.0	5.5	1		11/23/14 23:09	79-46-9	
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/23/14 23:09	103-65-1	
Styrene	ND	ug/L	0.50	0.069	1		11/23/14 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/23/14 23:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/23/14 23:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/23/14 23:09	127-18-4	
Toluene	ND	ug/L	0.50	0.11	1		11/23/14 23:09	108-88-3	
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/23/14 23:09		
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/23/14 23:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/23/14 23:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.084	1		11/23/14 23:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.12	1		11/23/14 23:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/23/14 23:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/23/14 23:09	108-67-8	
Vinyl chloride	ND	ug/L	0.20	0.082	1		11/23/14 23:09	75-01-4	
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/23/14 23:09	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.12	1		11/23/14 23:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.091	1		11/23/14 23:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%.	75-125		1		11/23/14 23:09	460-00-4	pH
Toluene-d8 (S)	108	%.	75-125		1		11/23/14 23:09	2037-26-5	
1,2-Dichloroethane-d4 (S)	104	%.	75-125		1		11/23/14 23:09	17060-07-0	

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: TRIP BLANK **Lab ID: 10288974007** Collected: 11/13/14 00:00 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.010	0.0045	1	11/18/14 01:48	11/22/14 03:41	106-93-4	
Surrogates									
4-Bromofluorobenzene (S)	146	%.	70-130		1	11/18/14 01:48	11/22/14 03:41	460-00-4	S3
524.2 MSV	Analytical Method: EPA 524.2								
Acetone	**271**	ug/L	20.0	10.0	1		11/26/14 16:21	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1.0	1		11/26/14 16:21	107-13-1	
Benzene	**0.11J**	ug/L	0.50	0.073	1		11/26/14 16:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.18	1		11/26/14 16:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.16	1		11/26/14 16:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.11	1		11/26/14 16:21	75-27-4	
Bromoform	ND	ug/L	4.0	2.0	1		11/26/14 16:21	75-25-2	
Bromomethane	ND	ug/L	4.0	2.0	1		11/26/14 16:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	2.5	1		11/26/14 16:21	78-93-3	
n-Butylbenzene	ND	ug/L	0.50	0.12	1		11/26/14 16:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	98-06-6	
Carbon disulfide	ND	ug/L	1.0	0.18	1		11/26/14 16:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.17	1		11/26/14 16:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.066	1		11/26/14 16:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.27	1		11/26/14 16:21	75-00-3	
Chloroform	ND	ug/L	0.50	0.20	1		11/26/14 16:21	67-66-3	
Chloromethane	ND	ug/L	4.0	0.34	1		11/26/14 16:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.064	1		11/26/14 16:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.10	1		11/26/14 16:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	2.0	1		11/26/14 16:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.25	1		11/26/14 16:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.097	1		11/26/14 16:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.25	1		11/26/14 16:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.082	1		11/26/14 16:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	10.0	0.37	1		11/26/14 16:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.50	1		11/26/14 16:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.087	1		11/26/14 16:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.10	1		11/26/14 16:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.17	1		11/26/14 16:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.11	1		11/26/14 16:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	1		11/26/14 16:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	0.10	1		11/26/14 16:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.25	1		11/26/14 16:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.17	1		11/26/14 16:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.11	1		11/26/14 16:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.093	1		11/26/14 16:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	10061-02-6	
Ethylbenzene	**0.099J**	ug/L	0.50	0.096	1		11/26/14 16:21	100-41-4	B

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ANALYTICAL RESULTS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Sample: TRIP BLANK **Lab ID: 10288974007** Collected: 11/13/14 00:00 Received: 11/17/14 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Ethyl methacrylate	ND	ug/L	4.0	1.2	1		11/26/14 16:21	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.50	1		11/26/14 16:21	87-68-3	L3
2-Hexanone	ND	ug/L	5.0	2.5	1		11/26/14 16:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.087	1		11/26/14 16:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	99-87-6	
Methylene Chloride	ND	ug/L	4.0	2.0	1		11/26/14 16:21	75-09-2	
Methyl methacrylate	ND	ug/L	5.0	0.94	1		11/26/14 16:21	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.5	1		11/26/14 16:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.12	1		11/26/14 16:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.50	1		11/26/14 16:21	91-20-3	
2-Nitropropane	ND	ug/L	20.0	5.5	1		11/26/14 16:21	79-46-9	
n-Propylbenzene	ND	ug/L	0.50	0.077	1		11/26/14 16:21	103-65-1	
Styrene	ND	ug/L	0.50	0.069	1		11/26/14 16:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.10	1		11/26/14 16:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.086	1		11/26/14 16:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.12	1		11/26/14 16:21	127-18-4	
Toluene	**0.28J**	ug/L	0.50	0.11	1		11/26/14 16:21	108-88-3	B
Total Trihalomethanes (Calc.)	ND	ug/L	4.0		1		11/26/14 16:21		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.25	1		11/26/14 16:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.17	1		11/26/14 16:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.14	1		11/26/14 16:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.084	1		11/26/14 16:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	0.50	0.12	1		11/26/14 16:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.2	1		11/26/14 16:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.25	1		11/26/14 16:21	108-67-8	
Vinyl chloride	ND	ug/L	0.40	0.082	1		11/26/14 16:21	75-01-4	
Xylene (Total)	ND	ug/L	1.5	0.21	1		11/26/14 16:21	1330-20-7	BS
m&p-Xylene	**0.23J**	ug/L	1.0	0.12	1		11/26/14 16:21	179601-23-1	B
o-Xylene	ND	ug/L	0.50	0.091	1		11/26/14 16:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%.	75-125		1		11/26/14 16:21	460-00-4	P2
Toluene-d8 (S)	107	%.	75-125		1		11/26/14 16:21	2037-26-5	
1,2-Dichloroethane-d4 (S)	100	%.	75-125		1		11/26/14 16:21	17060-07-0	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

QC Batch: MPRP/50702 Analysis Method: EPA 6020A
QC Batch Method: EPA 3020 Analysis Description: 6020A Water UPD4
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006

METHOD BLANK: 1846266 Matrix: Water
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	0.10	11/24/14 12:38	

LABORATORY CONTROL SAMPLE: 1846267

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	80	83.3	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1846268 1846269

Parameter	Units	10288749001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	0.18	80	80	75.2	77.4	94	97	75-125	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1846270 1846271

Parameter	Units	10288974002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	118	80	80	199	203	101	107	75-125	2	20	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

QC Batch: MSV/29475 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006

METHOD BLANK: 1850874 Matrix: Water
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	11/23/14 19:38	
1,1,1-Trichloroethane	ug/L	ND	0.50	11/23/14 19:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	11/23/14 19:38	
1,1,2-Trichloroethane	ug/L	ND	0.50	11/23/14 19:38	
1,1-Dichloroethane	ug/L	ND	0.50	11/23/14 19:38	
1,1-Dichloroethene	ug/L	ND	0.50	11/23/14 19:38	
1,1-Dichloropropene	ug/L	ND	0.50	11/23/14 19:38	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	11/23/14 19:38	
1,2,3-Trichloropropane	ug/L	ND	4.0	11/23/14 19:38	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	11/23/14 19:38	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	11/23/14 19:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	4.0	11/23/14 19:38	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	11/23/14 19:38	
1,2-Dichlorobenzene	ug/L	ND	0.50	11/23/14 19:38	
1,2-Dichloroethane	ug/L	ND	0.50	11/23/14 19:38	
1,2-Dichloropropane	ug/L	ND	4.0	11/23/14 19:38	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	11/23/14 19:38	
1,3-Dichlorobenzene	ug/L	ND	0.50	11/23/14 19:38	
1,3-Dichloropropane	ug/L	ND	0.50	11/23/14 19:38	
1,4-Dichlorobenzene	ug/L	ND	0.50	11/23/14 19:38	
2,2-Dichloropropane	ug/L	ND	1.0	11/23/14 19:38	
2-Butanone (MEK)	ug/L	ND	5.0	11/23/14 19:38	
2-Chlorotoluene	ug/L	ND	0.50	11/23/14 19:38	
2-Hexanone	ug/L	ND	5.0	11/23/14 19:38	
2-Nitropropane	ug/L	ND	10.0	11/23/14 19:38	
4-Chlorotoluene	ug/L	ND	0.50	11/23/14 19:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/23/14 19:38	
Acetone	ug/L	ND	20.0	11/23/14 19:38	
Acrylonitrile	ug/L	ND	10.0	11/23/14 19:38	
Benzene	ug/L	ND	0.50	11/23/14 19:38	
Bromobenzene	ug/L	ND	0.50	11/23/14 19:38	
Bromochloromethane	ug/L	ND	1.0	11/23/14 19:38	
Bromodichloromethane	ug/L	ND	0.50	11/23/14 19:38	
Bromoform	ug/L	ND	4.0	11/23/14 19:38	
Bromomethane	ug/L	ND	4.0	11/23/14 19:38	
Carbon disulfide	ug/L	ND	1.0	11/23/14 19:38	
Carbon tetrachloride	ug/L	ND	1.0	11/23/14 19:38	
Chlorobenzene	ug/L	ND	0.50	11/23/14 19:38	
Chloroethane	ug/L	ND	1.0	11/23/14 19:38	
Chloroform	ug/L	ND	0.50	11/23/14 19:38	
Chloromethane	ug/L	ND	4.0	11/23/14 19:38	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

METHOD BLANK: 1850874 Matrix: Water
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	0.50	11/23/14 19:38	
cis-1,3-Dichloropropene	ug/L	ND	0.50	11/23/14 19:38	
Dibromochloromethane	ug/L	ND	0.50	11/23/14 19:38	
Dibromomethane	ug/L	ND	0.50	11/23/14 19:38	
Dichlorodifluoromethane	ug/L	ND	1.0	11/23/14 19:38	
Ethyl methacrylate	ug/L	ND	4.0	11/23/14 19:38	
Ethylbenzene	ug/L	ND	0.50	11/23/14 19:38	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/23/14 19:38	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	11/23/14 19:38	
m&p-Xylene	ug/L	ND	1.0	11/23/14 19:38	
Methyl methacrylate	ug/L	ND	5.0	11/23/14 19:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	11/23/14 19:38	
Methylene Chloride	ug/L	ND	4.0	11/23/14 19:38	
n-Butylbenzene	ug/L	ND	1.0	11/23/14 19:38	
n-Propylbenzene	ug/L	ND	0.50	11/23/14 19:38	
Naphthalene	ug/L	ND	1.0	11/23/14 19:38	
o-Xylene	ug/L	ND	0.50	11/23/14 19:38	
p-Isopropyltoluene	ug/L	ND	1.0	11/23/14 19:38	
sec-Butylbenzene	ug/L	ND	0.50	11/23/14 19:38	
Styrene	ug/L	ND	0.50	11/23/14 19:38	
tert-Butylbenzene	ug/L	ND	0.50	11/23/14 19:38	
Tetrachloroethene	ug/L	ND	0.50	11/23/14 19:38	
Toluene	ug/L	ND	0.50	11/23/14 19:38	
Total Trihalomethanes (Calc.)	ug/L	ND	4.0	11/23/14 19:38	
trans-1,2-Dichloroethene	ug/L	ND	0.50	11/23/14 19:38	
trans-1,3-Dichloropropene	ug/L	ND	0.50	11/23/14 19:38	
trans-1,4-Dichloro-2-butene	ug/L	ND	10.0	11/23/14 19:38	
Trichloroethene	ug/L	ND	0.50	11/23/14 19:38	
Trichlorofluoromethane	ug/L	ND	1.0	11/23/14 19:38	
Vinyl chloride	ug/L	ND	0.20	11/23/14 19:38	
Xylene (Total)	ug/L	ND	1.5	11/23/14 19:38	
1,2-Dichloroethane-d4 (S)	%.	102	75-125	11/23/14 19:38	
4-Bromofluorobenzene (S)	%.	103	75-125	11/23/14 19:38	
Toluene-d8 (S)	%.	104	75-125	11/23/14 19:38	

LABORATORY CONTROL SAMPLE: 1850875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.6	93	70-130	
1,1,1-Trichloroethane	ug/L	20	17.1	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.7	89	70-130	
1,1,2-Trichloroethane	ug/L	20	18.4	92	70-130	
1,1-Dichloroethane	ug/L	20	16.3	81	70-130	
1,1-Dichloroethene	ug/L	20	16.4	82	70-130	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

LABORATORY CONTROL SAMPLE: 1850875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloropropene	ug/L	20	16.4	82	70-130	
1,2,3-Trichlorobenzene	ug/L	20	19.9	100	70-130	
1,2,3-Trichloropropane	ug/L	20	18.9	95	70-130	
1,2,4-Trichlorobenzene	ug/L	20	19.9	99	70-130	
1,2,4-Trimethylbenzene	ug/L	20	18.2	91	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.0	96	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	18.7	94	70-130	
1,2-Dichlorobenzene	ug/L	20	19.0	95	70-130	
1,2-Dichloroethane	ug/L	20	18.0	90	70-130	
1,2-Dichloropropane	ug/L	20	18.1	91	70-130	
1,3,5-Trimethylbenzene	ug/L	20	18.1	90	70-130	
1,3-Dichlorobenzene	ug/L	20	19.1	96	70-130	
1,3-Dichloropropane	ug/L	20	18.0	90	70-130	
1,4-Dichlorobenzene	ug/L	20	18.4	92	70-130	
2,2-Dichloropropane	ug/L	20	16.8	84	70-130	
2-Butanone (MEK)	ug/L	100	89.3	89	70-130	
2-Chlorotoluene	ug/L	20	18.3	91	70-130	
2-Hexanone	ug/L	100	78.1	78	70-130	
2-Nitropropane	ug/L	100	88.4	88	70-130	
4-Chlorotoluene	ug/L	20	19.0	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.4	88	70-130	
Acetone	ug/L	100	88.9	89	70-130	
Acrylonitrile	ug/L	200	188	94	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromobenzene	ug/L	20	19.0	95	70-130	
Bromochloromethane	ug/L	20	17.3	87	70-130	
Bromodichloromethane	ug/L	20	18.5	92	70-130	
Bromoform	ug/L	20	19.3	96	70-130	
Bromomethane	ug/L	20	15.0	75	70-130	
Carbon disulfide	ug/L	20	14.6	73	70-130	
Carbon tetrachloride	ug/L	20	19.1	96	70-130	
Chlorobenzene	ug/L	20	17.8	89	70-130	
Chloroethane	ug/L	20	18.1	90	70-130	
Chloroform	ug/L	20	17.6	88	70-130	
Chloromethane	ug/L	20	17.4	87	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.2	91	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.0	85	70-130	
Dibromochloromethane	ug/L	20	19.5	97	70-130	
Dibromomethane	ug/L	20	18.0	90	70-130	
Dichlorodifluoromethane	ug/L	20	16.5	83	70-130	
Ethyl methacrylate	ug/L	20	17.9	89	70-130	
Ethylbenzene	ug/L	20	17.3	87	70-130	
Hexachloro-1,3-butadiene	ug/L	20	24.5	123	70-130	
Isopropylbenzene (Cumene)	ug/L	20	19.7	99	70-130	
m&p-Xylene	ug/L	40	34.5	86	70-130	
Methyl methacrylate	ug/L	20	17.6	88	70-130	
Methyl-tert-butyl ether	ug/L	20	18.0	90	70-130	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

LABORATORY CONTROL SAMPLE: 1850875

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	18.6	93	70-130	
n-Butylbenzene	ug/L	20	22.2	111	70-130	
n-Propylbenzene	ug/L	20	18.9	95	70-130	
Naphthalene	ug/L	20	16.6	83	70-130	
o-Xylene	ug/L	20	17.8	89	70-130	
p-Isopropyltoluene	ug/L	20	18.9	94	70-130	
sec-Butylbenzene	ug/L	20	22.1	110	70-130	
Styrene	ug/L	20	19.1	95	70-130	
tert-Butylbenzene	ug/L	20	20.0	100	70-130	
Tetrachloroethene	ug/L	20	17.6	88	70-130	
Toluene	ug/L	20	17.3	86	70-130	
Total Trihalomethanes (Calc.)	ug/L	80	74.8	94	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.1	86	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.3	87	70-130	
trans-1,4-Dichloro-2-butene	ug/L	50	47.2	94	70-130	
Trichloroethene	ug/L	20	15.9	80	70-130	
Trichlorofluoromethane	ug/L	20	18.4	92	70-130	
Vinyl chloride	ug/L	20	16.9	85	70-130	
Xylene (Total)	ug/L	60	52.2	87	70-130	
1,2-Dichloroethane-d4 (S)	%.			103	75-125	
4-Bromofluorobenzene (S)	%.			101	75-125	
Toluene-d8 (S)	%.			101	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1850876 1850877

Parameter	Units	10288974002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	16.6	12.5	83	63	70-130	28	20	M1,R1
1,1,1-Trichloroethane	ug/L	ND	20	20	14.6	11.1	73	55	70-130	27	20	M1,R1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	16.6	12.2	83	61	70-130	30	20	M1,R1
1,1,2-Trichloroethane	ug/L	ND	20	20	16.7	12.3	83	62	70-130	30	20	M1,R1
1,1-Dichloroethane	ug/L	ND	20	20	14.1	10.2	70	51	70-130	32	20	M1,R1
1,1-Dichloroethene	ug/L	ND	20	20	13.8	10.9	69	55	70-130	23	20	M1,R1
1,1-Dichloropropene	ug/L	ND	20	20	13.5	10.9	67	55	70-130	21	20	M1,R1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	15.6	12.8	78	64	70-130	20	20	M1
1,2,3-Trichloropropane	ug/L	ND	20	20	17.4	12.2	87	61	70-130	35	20	M1,R1
1,2,4-Trichlorobenzene	ug/L	ND	20	20	14.9	13.4	75	67	70-130	11	20	M1
1,2,4-Trimethylbenzene	ug/L	ND	20	20	14.0	11.6	70	58	70-130	19	20	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	50	50	43.6	31.3	87	63	70-130	33	20	M1,R1
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	16.5	12.2	83	61	70-130	30	20	M1,R1
1,2-Dichlorobenzene	ug/L	ND	20	20	15.5	12.9	78	64	70-130	18	20	M1
1,2-Dichloroethane	ug/L	ND	20	20	14.1	10.5	70	53	70-130	29	20	M1,R1
1,2-Dichloropropane	ug/L	ND	20	20	15.2	11.3	76	56	70-130	29	20	M1,R1
1,3,5-Trimethylbenzene	ug/L	ND	20	20	13.9	11.8	70	59	70-130	16	20	M1

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1850876 1850877

Parameter	Units	10288974002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,3-Dichlorobenzene	ug/L	ND	20	20	15.0	13.2	75	66	70-130	13	20	M1
1,3-Dichloropropane	ug/L	ND	20	20	15.9	11.9	80	60	70-130	29	20	M1,R1
1,4-Dichlorobenzene	ug/L	ND	20	20	14.8	12.7	74	63	70-130	16	20	M1
2,2-Dichloropropane	ug/L	ND	20	20	13.0	10.0	65	50	70-130	26	20	M1,R1
2-Butanone (MEK)	ug/L	ND	100	100	74.3	49.7	74	50	70-130	40	20	M1,R1
2-Chlorotoluene	ug/L	ND	20	20	14.9	12.9	74	65	70-130	14	20	M1
2-Hexanone	ug/L	ND	100	100	74.1	48.6	74	49	70-130	42	20	M1,R1
2-Nitropropane	ug/L	ND	100	100	83.5	54.7	84	55	70-130	42	20	M1,R1
4-Chlorotoluene	ug/L	ND	20	20	15.4	13.1	77	65	70-130	16	20	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	83.5	54.7	84	55	70-130	42	20	M1,R1
Acetone	ug/L	ND	100	100	73.2	57.1	73	57	70-130	25	20	M1,R1
Acrylonitrile	ug/L	ND	200	200	157	113	79	56	70-130	33	20	M1,R1
Benzene	ug/L	ND	20	20	15.3	11.9	77	59	70-130	25	20	M1,R1
Bromobenzene	ug/L	ND	20	20	16.4	13.1	82	66	70-130	22	20	M1,R1
Bromochloromethane	ug/L	ND	20	20	14.9	10.8	74	54	70-130	32	20	M1,R1
Bromodichloromethane	ug/L	ND	20	20	16.0	11.7	80	58	70-130	31	20	M1,R1
Bromoform	ug/L	ND	20	20	17.2	12.6	86	63	70-130	31	20	M1,R1
Bromomethane	ug/L	ND	20	20	21.4	16.4	107	82	70-130	27	20	R1
Carbon disulfide	ug/L	ND	20	20	11.7	8.0	59	40	70-130	38	20	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	16.2	12.8	81	64	70-130	24	20	M1,R1
Chlorobenzene	ug/L	ND	20	20	15.4	12.2	77	61	70-130	24	20	M1,R1
Chloroethane	ug/L	ND	20	20	26.0	17.1	130	86	70-130	41	20	R1
Chloroform	ug/L	ND	20	20	15.1	11.1	75	56	70-130	30	20	M1,R1
Chloromethane	ug/L	ND	20	20	25.2	16.6	126	83	70-130	41	20	R1
cis-1,2-Dichloroethene	ug/L	ND	20	20	14.9	11.3	74	57	70-130	27	20	M1,R1
cis-1,3-Dichloropropene	ug/L	ND	20	20	14.7	10.6	73	53	70-130	32	20	M1,R1
Dibromochloromethane	ug/L	ND	20	20	17.3	12.9	86	64	70-130	29	20	M1,R1
Dibromomethane	ug/L	ND	20	20	15.3	10.9	77	54	70-130	34	20	M1,R1
Dichlorodifluoromethane	ug/L	ND	20	20	22.0	15.9	110	80	70-130	32	20	R1
Ethyl methacrylate	ug/L	ND	20	20	16.2	11.2	81	56	70-130	37	20	M1,R1
Ethylbenzene	ug/L	ND	20	20	14.9	11.8	74	59	70-130	23	20	M1
Hexachloro-1,3-butadiene	ug/L	ND	20	20	16.4	15.1	82	76	70-130	8	20	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	16.1	13.4	81	67	70-130	19	20	M1
m&p-Xylene	ug/L	ND	40	40	28.4	23.0	71	58	70-130	21	20	M1,R1
Methyl methacrylate	ug/L	ND	20	20	14.7	10.1	73	51	70-130	37	20	M1,R1
Methyl-tert-butyl ether	ug/L	ND	20	20	15.0	10.7	75	54	70-130	33	20	M1,R1
Methylene Chloride	ug/L	ND	20	20	14.1	12.1	71	60	70-130	16	20	M1
n-Butylbenzene	ug/L	ND	20	20	15.3	13.3	77	67	70-130	14	20	M1
n-Propylbenzene	ug/L	ND	20	20	15.4	13.1	77	66	70-130	16	20	M1
Naphthalene	ug/L	ND	20	20	13.2	10.1	66	50	70-130	27	20	M1,R1
o-Xylene	ug/L	ND	20	20	15.1	12.1	76	60	70-130	22	20	M1,R1
p-Isopropyltoluene	ug/L	ND	20	20	13.5	11.5	67	58	70-130	16	20	M1
sec-Butylbenzene	ug/L	ND	20	20	16.4	14.2	82	71	70-130	14	20	
Styrene	ug/L	ND	20	20	16.0	12.5	80	62	70-130	25	20	M1,R1
tert-Butylbenzene	ug/L	ND	20	20	15.7	13.6	79	68	70-130	14	20	M1

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REPORT OF LABORATORY ANALYSIS

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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1850876 1850877

Parameter	Units	10288974002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tetrachloroethene	ug/L	ND	20	20	14.6	12.4	73	62	70-130	16	20	M1
Toluene	ug/L	ND	20	20	15.7	11.7	79	58	70-130	29	20	M1,R1
Total Trihalomethanes (Calc.)	ug/L	ND	80	80	65.5	48.3	82	60	70-130	30	20	
trans-1,2-Dichloroethene	ug/L	ND	20	20	14.3	10.8	72	54	70-130	27	20	M1,R1
trans-1,3-Dichloropropene	ug/L	ND	20	20	15.0	11.6	75	58	70-130	26	20	M1,R1
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	42.0	29.4	84	59	70-130	35	20	M1,R1
Trichloroethene	ug/L	ND	20	20	13.4	11.1	67	56	70-130	19	20	M1
Trichlorofluoromethane	ug/L	ND	20	20	30.4	21.0	152	105	70-130	36	20	M1,R1
Vinyl chloride	ug/L	ND	20	20	24.7	16.5	123	83	70-130	40	20	R1
Xylene (Total)	ug/L	ND	60	60	43.5	35.1	73	59	70-130	21	20	MS,RS
1,2-Dichloroethane-d4 (S)	%.						103	104	75-125			
4-Bromofluorobenzene (S)	%.						100	104	75-125			
Toluene-d8 (S)	%.						109	107	75-125			

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

QC Batch: MSV/29551 | Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 | Analysis Description: 524.2 MSV
Associated Lab Samples: 10288974007

METHOD BLANK: 1853561 | Matrix: Water
Associated Lab Samples: 10288974007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	11/26/14 10:06	
1,1,1-Trichloroethane	ug/L	ND	0.50	11/26/14 10:06	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	11/26/14 10:06	
1,1,2-Trichloroethane	ug/L	ND	0.50	11/26/14 10:06	
1,1-Dichloroethane	ug/L	ND	0.50	11/26/14 10:06	
1,1-Dichloroethene	ug/L	ND	0.50	11/26/14 10:06	
1,1-Dichloropropene	ug/L	ND	0.50	11/26/14 10:06	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	11/26/14 10:06	
1,2,3-Trichloropropane	ug/L	ND	4.0	11/26/14 10:06	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	11/26/14 10:06	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	11/26/14 10:06	
1,2-Dibromo-3-chloropropane	ug/L	ND	10.0	11/26/14 10:06	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	11/26/14 10:06	
1,2-Dichlorobenzene	ug/L	ND	0.50	11/26/14 10:06	
1,2-Dichloroethane	ug/L	ND	0.50	11/26/14 10:06	
1,2-Dichloropropane	ug/L	ND	4.0	11/26/14 10:06	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	11/26/14 10:06	
1,3-Dichlorobenzene	ug/L	ND	0.50	11/26/14 10:06	
1,3-Dichloropropane	ug/L	ND	0.50	11/26/14 10:06	
1,4-Dichlorobenzene	ug/L	ND	0.50	11/26/14 10:06	
2,2-Dichloropropane	ug/L	ND	1.0	11/26/14 10:06	
2-Butanone (MEK)	ug/L	ND	5.0	11/26/14 10:06	
2-Chlorotoluene	ug/L	ND	0.50	11/26/14 10:06	
2-Hexanone	ug/L	ND	5.0	11/26/14 10:06	
2-Nitropropane	ug/L	ND	20.0	11/26/14 10:06	
4-Chlorotoluene	ug/L	ND	0.50	11/26/14 10:06	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	11/26/14 10:06	
Acetone	ug/L	ND	20.0	11/26/14 10:06	
Acrylonitrile	ug/L	ND	10.0	11/26/14 10:06	
Benzene	ug/L	ND	0.50	11/26/14 10:06	
Bromobenzene	ug/L	ND	0.50	11/26/14 10:06	
Bromochloromethane	ug/L	ND	1.0	11/26/14 10:06	
Bromodichloromethane	ug/L	ND	0.50	11/26/14 10:06	
Bromoform	ug/L	ND	4.0	11/26/14 10:06	
Bromomethane	ug/L	ND	4.0	11/26/14 10:06	
Carbon disulfide	ug/L	ND	1.0	11/26/14 10:06	
Carbon tetrachloride	ug/L	ND	1.0	11/26/14 10:06	
Chlorobenzene	ug/L	ND	0.50	11/26/14 10:06	
Chloroethane	ug/L	ND	1.0	11/26/14 10:06	
Chloroform	ug/L	ND	0.50	11/26/14 10:06	
Chloromethane	ug/L	ND	4.0	11/26/14 10:06	

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(612)607-1700

QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

METHOD BLANK: 1853561 Matrix: Water
Associated Lab Samples: 10288974007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	0.50	11/26/14 10:06	
cis-1,3-Dichloropropene	ug/L	ND	0.50	11/26/14 10:06	
Dibromochloromethane	ug/L	ND	1.0	11/26/14 10:06	
Dibromomethane	ug/L	ND	0.50	11/26/14 10:06	
Dichlorodifluoromethane	ug/L	ND	1.0	11/26/14 10:06	
Ethyl methacrylate	ug/L	ND	4.0	11/26/14 10:06	
Ethylbenzene	ug/L	0.21J	0.50	11/26/14 10:06	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	11/26/14 10:06	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	11/26/14 10:06	
m&p-Xylene	ug/L	0.42J	1.0	11/26/14 10:06	
Methyl methacrylate	ug/L	ND	5.0	11/26/14 10:06	
Methyl-tert-butyl ether	ug/L	ND	0.50	11/26/14 10:06	
Methylene Chloride	ug/L	ND	4.0	11/26/14 10:06	
n-Butylbenzene	ug/L	ND	0.50	11/26/14 10:06	
n-Propylbenzene	ug/L	ND	0.50	11/26/14 10:06	
Naphthalene	ug/L	ND	1.0	11/26/14 10:06	
o-Xylene	ug/L	0.16J	0.50	11/26/14 10:06	
p-Isopropyltoluene	ug/L	ND	0.50	11/26/14 10:06	
sec-Butylbenzene	ug/L	ND	0.50	11/26/14 10:06	
Styrene	ug/L	ND	0.50	11/26/14 10:06	
tert-Butylbenzene	ug/L	ND	0.50	11/26/14 10:06	
Tetrachloroethene	ug/L	ND	0.50	11/26/14 10:06	
Toluene	ug/L	0.46J	0.50	11/26/14 10:06	
Total Trihalomethanes (Calc.)	ug/L	ND	4.0	11/26/14 10:06	
trans-1,2-Dichloroethene	ug/L	ND	0.50	11/26/14 10:06	
trans-1,3-Dichloropropene	ug/L	ND	0.50	11/26/14 10:06	
trans-1,4-Dichloro-2-butene	ug/L	ND	10.0	11/26/14 10:06	
Trichloroethene	ug/L	ND	1.0	11/26/14 10:06	
Trichlorofluoromethane	ug/L	ND	0.50	11/26/14 10:06	
Vinyl chloride	ug/L	ND	0.40	11/26/14 10:06	
Xylene (Total)	ug/L	ND	1.5	11/26/14 10:06	
1,2-Dichloroethane-d4 (S)	%.	100	75-125	11/26/14 10:06	
4-Bromofluorobenzene (S)	%.	98	75-125	11/26/14 10:06	
Toluene-d8 (S)	%.	106	75-125	11/26/14 10:06	

LABORATORY CONTROL SAMPLE & LCSD: 1853562 1853563

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	23.6	24.8	118	124	70-130	5	20	
1,1,1-Trichloroethane	ug/L	20	20.8	23.8	104	119	70-130	14	20	
1,1,2,2-Tetrachloroethane	ug/L	20	21.4	22.0	107	110	70-130	3	20	
1,1,2-Trichloroethane	ug/L	20	22.4	23.7	112	118	70-130	5	20	
1,1-Dichloroethane	ug/L	20	19.5	21.5	97	107	70-130	10	20	
1,1-Dichloroethene	ug/L	20	19.9	23.0	99	115	70-130	14	20	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

LABORATORY CONTROL SAMPLE & LCSD: 1853562 1853563

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1-Dichloropropene	ug/L	20	21.3	24.2	107	121	70-130	13	20	
1,2,3-Trichlorobenzene	ug/L	20	25.0	24.9	125	124	70-130	0	20	
1,2,3-Trichloropropane	ug/L	20	22.4	23.6	112	118	70-130	5	20	
1,2,4-Trichlorobenzene	ug/L	20	23.7	25.2	118	126	70-130	6	20	
1,2,4-Trimethylbenzene	ug/L	20	23.2	22.4	116	112	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	50	57.2	61.4	114	123	70-130	7	20	
1,2-Dibromoethane (EDB)	ug/L	20	22.8	23.6	114	118	70-130	3	20	
1,2-Dichlorobenzene	ug/L	20	23.6	24.5	118	122	70-130	4	20	
1,2-Dichloroethane	ug/L	20	19.4	20.9	97	104	70-130	7	20	
1,2-Dichloropropane	ug/L	20	20.4	21.4	102	107	70-130	5	20	
1,3,5-Trimethylbenzene	ug/L	20	22.7	23.4	113	117	70-130	3	20	
1,3-Dichlorobenzene	ug/L	20	23.7	24.5	118	122	70-130	3	20	
1,3-Dichloropropane	ug/L	20	21.3	22.3	106	112	70-130	5	20	
1,4-Dichlorobenzene	ug/L	20	23.4	23.9	117	120	70-130	2	20	
2,2-Dichloropropane	ug/L	20	19.7	22.4	98	112	70-130	13	20	
2-Butanone (MEK)	ug/L	100	85.4	89.1	85	89	70-130	4	20	
2-Chlorotoluene	ug/L	20	21.9	22.9	109	114	70-130	4	20	
2-Hexanone	ug/L	100	88.9	93.3	89	93	70-130	5	20	
2-Nitropropane	ug/L	100	93.2	97.9	93	98	70-130	5	20	
4-Chlorotoluene	ug/L	20	22.4	23.0	112	115	70-130	3	20	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.0	98.4	93	98	70-130	6	20	
Acetone	ug/L	100	102	107	102	107	70-130	5	20	
Acrylonitrile	ug/L	200	190	203	95	102	70-130	7	20	
Benzene	ug/L	20	19.8	22.1	99	111	70-130	11	20	
Bromobenzene	ug/L	20	23.8	24.7	119	124	70-130	4	20	
Bromochloromethane	ug/L	20	21.5	22.8	108	114	70-130	6	20	
Bromodichloromethane	ug/L	20	19.2	20.5	96	102	70-130	6	20	
Bromoform	ug/L	20	22.9	25.1	114	126	70-130	9	20	
Bromomethane	ug/L	20	17.2	20.6	86	103	70-130	18	20	
Carbon disulfide	ug/L	20	19.1	22.5	95	113	70-130	17	20	
Carbon tetrachloride	ug/L	20	21.3	24.0	106	120	70-130	12	20	
Chlorobenzene	ug/L	20	22.6	23.9	113	119	70-130	6	20	
Chloroethane	ug/L	20	19.2	21.9	96	109	70-130	13	20	
Chloroform	ug/L	20	19.0	21.1	95	106	70-130	11	20	
Chloromethane	ug/L	20	16.8	19.1	84	95	70-130	13	20	
cis-1,2-Dichloroethene	ug/L	20	19.7	21.7	98	109	70-130	10	20	
cis-1,3-Dichloropropene	ug/L	20	19.7	20.8	98	104	70-130	6	20	
Dibromochloromethane	ug/L	20	22.9	24.3	114	122	70-130	6	20	
Dibromomethane	ug/L	20	22.2	23.0	111	115	70-130	3	20	
Dichlorodifluoromethane	ug/L	20	19.2	22.6	96	113	70-130	16	20	
Ethyl methacrylate	ug/L	20	18.8	20.0	94	100	70-130	6	20	
Ethylbenzene	ug/L	20	20.9	22.5	104	113	70-130	7	20	
Hexachloro-1,3-butadiene	ug/L	20	23.2	26.7	116	133	70-130	14	20	L0
Isopropylbenzene (Cumene)	ug/L	20	21.8	24.2	109	121	70-130	10	20	
m&p-Xylene	ug/L	40	45.0	47.0	112	117	70-130	4	20	
Methyl methacrylate	ug/L	20	18.5	19.1	93	95	70-130	3	20	
Methyl-tert-butyl ether	ug/L	20	19.1	20.3	96	101	70-130	6	20	

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QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

LABORATORY CONTROL SAMPLE & LCSD: 1853562 1853563

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methylene Chloride	ug/L	20	19.8	21.3	99	106	70-130	7	20	
n-Butylbenzene	ug/L	20	23.1	25.5	115	128	70-130	10	20	
n-Propylbenzene	ug/L	20	22.8	24.2	114	121	70-130	6	20	
Naphthalene	ug/L	20	19.9	19.0	100	95	70-130	5	20	
o-Xylene	ug/L	20	21.6	23.6	108	118	70-130	9	20	
p-Isopropyltoluene	ug/L	20	20.8	21.5	104	108	70-130	3	20	
sec-Butylbenzene	ug/L	20	23.0	24.7	115	123	70-130	7	20	
Styrene	ug/L	20	21.6	22.9	108	114	70-130	6	20	
tert-Butylbenzene	ug/L	20	22.8	24.6	114	123	70-130	8	20	
Tetrachloroethene	ug/L	20	23.9	25.6	120	128	70-130	7	20	
Toluene	ug/L	20	22.4	24.4	112	122	70-130	8	20	
Total Trihalomethanes (Calc.)	ug/L	80	84.0	91.1	105	114	70-130	8	20	
trans-1,2-Dichloroethene	ug/L	20	19.8	22.5	99	112	70-130	13	20	
trans-1,3-Dichloropropene	ug/L	20	21.2	22.4	106	112	70-130	6	20	
trans-1,4-Dichloro-2-butene	ug/L	50	49.6	50.6	99	101	70-130	2	20	
Trichloroethene	ug/L	20	21.6	24.1	108	121	70-130	11	20	
Trichlorofluoromethane	ug/L	20	21.0	25.2	105	126	70-130	18	20	
Vinyl chloride	ug/L	20	17.5	20.4	87	102	70-130	16	20	
Xylene (Total)	ug/L	60	66.6	70.6	111	118	70-130	6	20	
1,2-Dichloroethane-d4 (S)	%.				99	100	75-125			
4-Bromofluorobenzene (S)	%.				95	94	75-125			
Toluene-d8 (S)	%.				107	106	75-125			

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www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

QC Batch: OEXT/27310 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006, 10288974007

METHOD BLANK: 1846731 Matrix: Water
Associated Lab Samples: 10288974001, 10288974002, 10288974003, 10288974004, 10288974005, 10288974006, 10288974007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.010	11/21/14 17:35	
4-Bromofluorobenzene (S)	%.	133	70-130	11/21/14 17:35	S3

LABORATORY CONTROL SAMPLE: 1846732

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.11	0.091	84	60-140	
4-Bromofluorobenzene (S)	%.			127	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1846733 1846734

Parameter	Units	10288763001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	.11	.11	0.10	0.10	94	95	60-140	1	20	
4-Bromofluorobenzene (S)	%.						22	43	70-130			S0

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QUALIFIERS

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: MSV/29551

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
BS	Analyte was detected in the associated method blank for one or more of the constituent analytes used in the calculated result.
C0	Result confirmed by second analysis.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.
S0	Surrogate recovery outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6822 (REI) Tower Standard LUST
Pace Project No.: 10288974

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10288974001	Tower-01-1114	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974002	Tower-02-1114	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974003	Tower-03-1114	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974004	Tower-04-1114	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974005	Tower-05-1114	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974006	Tower-06-1114	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974007	TRIP BLANK	EPA 8011	OEXT/27310	EPA 8011	GCSV/14529
10288974001	Tower-01-1114	EPA 3020	MPRP/50702	EPA 6020A	ICPM/22558
10288974002	Tower-02-1114	EPA 3020	MPRP/50702	EPA 6020A	ICPM/22558
10288974003	Tower-03-1114	EPA 3020	MPRP/50702	EPA 6020A	ICPM/22558
10288974004	Tower-04-1114	EPA 3020	MPRP/50702	EPA 6020A	ICPM/22558
10288974005	Tower-05-1114	EPA 3020	MPRP/50702	EPA 6020A	ICPM/22558
10288974006	Tower-06-1114	EPA 3020	MPRP/50702	EPA 6020A	ICPM/22558
10288974001	Tower-01-1114	EPA 524.2	MSV/29475		
10288974002	Tower-02-1114	EPA 524.2	MSV/29475		
10288974003	Tower-03-1114	EPA 524.2	MSV/29475		
10288974004	Tower-04-1114	EPA 524.2	MSV/29475		
10288974005	Tower-05-1114	EPA 524.2	MSV/29475		
10288974006	Tower-06-1114	EPA 524.2	MSV/29475		
10288974007	TRIP BLANK	EPA 524.2	MSV/29551		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10288974

Page: 1 of 1

1851124

EPA-R5-2017-010506_0005722

Section A Required Client Information:

Company: Bristol Environmental
Address: 111 W. 16th Ave, 3rd Floor
Anchorage, AK 99501
Email To: jsharp-dahl@bristol-companies.com
Phone: (907)306-8388 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Julie Sharp-Dahl
Copy To:
Purchase Order No.:
Project Name: Tower Standard LUST site
Project Number: 6822(REI)

Section C Invoice Information:

Attention: Julie Sharp-Dahl
Company Name: Bristol Environmental
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: WI

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): N N N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC 524.2	8011 EDB	6020 Lead	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Tower-01-1114	DW	G			11-13-14	9:45		7			1	6					X	X	X		001
2	Tower-02-1114	↓	↓			↓	10:30		12			1	12					X	X	X		002
3	Tower-03-1114						11:15		7			1	6					X	X	X		003
4	Tower-04-1114						Dup		7			1	6					X	X	X		004
5	Tower-05-1114						11:50		7			1	6					X	X	X		005
6	Tower-06-1114						12:55		7			1	6					X	X	X		006
7	Trip Blank								2				2					X				007
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Matthew W. Rahn	11-14-14	11:35	[signature] HCE	11-17-14	1000	0.4	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Matthew W. Rahn - REI

SIGNATURE of SAMPLER: Matthew W. Rahn DATE Signed (MM/DD/YY): 11-13-14

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical®	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 28Feb2014 Page 1 of 1
	Document No.: **F-MN-L-213-rev.09**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: Bristol Environmental

Project #: WO#: 10288974

10288974

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace [ ] SpeeDee [ ] Other:

Tracking Number: 8053 9729 1027

Custody Seal on Cooler/Box Present? [ ] Yes [X] No **Seals Intact?** [ ] Yes [X] No

Optional: Proj. Due Date: Proj. Name:

Packing Material: [X] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other: **Temp Blank?** [X] Yes [ ] No

Thermom. Used: [ ] B88A9130516413 [X] B88A912167504 [ ] B88A9132521491 **Type of Ice:** [X] Wet [ ] Blue [ ] None [ ] Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.1 **Cooler Temp Corrected (°C):** 0.4 **Biological Tissue Frozen?** [ ] Yes [ ] No [X] N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.3 **Date and Initials of Person Examining Contents:** 11-17-14

				Comments:
Chain of Custody Present?	[X] Yes	[ ] No	[ ] N/A	1.
Chain of Custody Filled Out?	[X] Yes	[ ] No	[ ] N/A	2.
Chain of Custody Relinquished?	[X] Yes	[ ] No	[ ] N/A	3.
Sampler Name and/or Signature on COC?	[X] Yes	[ ] No	[ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes	[ ] No	[ ] N/A	5.
Short Hold Time Analysis (<72 hr)?	[ ] Yes	[X] No	[ ] N/A	6.
Rush Turn Around Time Requested?	[ ] Yes	[X] No	[ ] N/A	7.
Sufficient Volume?	[X] Yes	[ ] No	[ ] N/A	8.
Correct Containers Used?	[X] Yes	[ ] No	[ ] N/A	9.
-Pace Containers Used?	[X] Yes	[ ] No	[ ] N/A	
Containers Intact?	[X] Yes	[ ] No	[ ] N/A	10.
Filtered Volume Received for Dissolved Tests?	[ ] Yes	[ ] No	[X] N/A	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	[ ] Yes	[X] No	[ ] N/A	12. Nitric container for sample 6 has 12:50 labeled for the time, not 12:55
All containers needing acid/base preservation have been checked?	[X] Yes	[ ] No	[ ] N/A	13. [X] HNO_3 [ ] H_2SO_4 [ ] NaOH [ ] HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	[X] Yes	[ ] No	[ ] N/A	Sample # 1-6 1/1
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	[X] Yes	[ ] No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	[ ] Yes	[X] No	[ ] N/A	14.
Trip Blank Present?	[X] Yes	[ ] No	[ ] N/A	15.
Trip Blank Custody Seals Present?	[X] Yes	[ ] No	[ ] N/A	
Pace Trip Blank Lot # (if purchased): 080314-33WM				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** [ ] Yes [ ] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 11/18/14

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)