

September 09, 2013

Ms. Jennifer Stirk  
Volusia County Solid Waste Management  
1990 Tomoka Farms Road  
Port Orange, FL 32128

RE: Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on August 27, 2013. 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,



Jeff Baylor

jeff.baylor@pacelabs.com  
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.  
Handi Wang, HDR Engineering, Inc.  
Ms. Katherine Weitz, HDR Engineering, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

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### Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174  
Alabama Certification #: 41320  
Arizona Certification #: AZ0735  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH-0216  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Illinois Certification #: 200068  
Indiana Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: FL NELAC Reciprocity  
Louisiana Environmental Certificate #: 05007  
Maine Certification #: FL01264  
Massachusetts Certification #: M-FL1264  
Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236  
Montana Certification #: Cert 0074  
Nevada Certification: FL NELAC Reciprocity  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL765  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
Pennsylvania Certification #: 68-00547  
Puerto Rico Certification #: FL01264  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
US Virgin Islands Certification: FL NELAC Reciprocity  
Virginia Environmental Certification #: 460165  
Washington Certification #: C955  
West Virginia Certification #: 9962C  
Wisconsin Certification #: 399079670  
Wyoming (EPA Region 8): FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35105948001	EQ Blank 8/27/13	Water	08/27/13 08:38	08/27/13 15:25
35105948002	B76-1	Water	08/27/13 09:16	08/27/13 15:25
35105948003	B76-1 DUP	Water	08/27/13 09:16	08/27/13 15:25
35105948004	B82-1	Water	08/27/13 10:08	08/27/13 15:25
35105948005	B79-1	Water	08/27/13 11:01	08/27/13 15:25
35105948006	B79-6	Water	08/27/13 11:44	08/27/13 15:25
35105948007	B85	Water	08/27/13 12:25	08/27/13 15:25
35105948008	B77-1	Water	08/27/13 13:07	08/27/13 15:25
35105948009	B86	Water	08/27/13 14:07	08/27/13 15:25
35105948010	B81-4	Water	08/27/13 14:43	08/27/13 15:25
35105948011	Trip Blank 8/27/13	Water	08/27/13 08:00	08/27/13 15:25

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## SAMPLE ANALYTE COUNT

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35105948001	EQ Blank 8/27/13	EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
35105948002	B76-1	EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ, TAP	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
35105948003	B76-1 DUP	EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ, TAP	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
35105948004	B82-1	EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
35105948005	B79-1	EPA 8011	JLR	2	PASI-O

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## SAMPLE ANALYTE COUNT

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35105948006	B79-6	EPA 6010	JTJ	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ, TAP	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	49	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
35105948007	B85	EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ, TAP	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
35105948008	B77-1	EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ, TAP	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ	15	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
35105948009	B86	EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O

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## SAMPLE ANALYTE COUNT

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35105948010	B81-4	EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	JTJ	15	PASI-O
		EPA 6020	DRS, HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	RGF	49	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	CLS	1	PASI-O
		EPA 8260	RGF	50	PASI-O
35105948011	Trip Blank 8/27/13				

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: EQ Blank 8/27/13**      **Lab ID: 35105948001**      Collected: 08/27/13 08:38      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011      Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	<b>0.0052U</b>	ug/L	0.021	0.0052	1	08/28/13 23:17	08/29/13 16:36	96-12-8	
1,2-Dibromoethane (EDB)	<b>0.0066U</b>	ug/L	0.011	0.0066	1	08/28/13 23:17	08/29/13 16:36	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3010									
Arsenic	<b>5.0U</b>	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:49	7440-38-2	
Barium	<b>5.0U</b>	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:49	7440-39-3	
Beryllium	<b>0.50U</b>	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 21:49	7440-41-7	
Cadmium	<b>0.50U</b>	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 21:49	7440-43-9	
Chromium	<b>2.5U</b>	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:49	7440-47-3	
Cobalt	<b>5.0U</b>	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:49	7440-48-4	
Copper	<b>2.5U</b>	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:49	7440-50-8	
Iron	<b>20.0U</b>	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 21:49	7439-89-6	
Lead	<b>5.0U</b>	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:49	7439-92-1	
Nickel	<b>2.5U</b>	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:49	7440-02-0	
Selenium	<b>7.5U</b>	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 21:49	7782-49-2	
Silver	<b>2.5U</b>	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:49	7440-22-4	
Sodium	<b>0.50U</b>	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 21:49	7440-23-5	
Vanadium	<b>5.0U</b>	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:49	7440-62-2	
Zinc	<b>10.0U</b>	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 21:49	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020      Preparation Method: EPA 3010									
Antimony	<b>0.50U</b>	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:24	7440-36-0	
Thallium	<b>0.50U</b>	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:04	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470      Preparation Method: EPA 7470									
Mercury	<b>0.10U</b>	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:11	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	<b>5.0U</b>	ug/L	10.0	5.0	1		09/04/13 17:52	67-64-1	
Acrylonitrile	<b>5.0U</b>	ug/L	10.0	5.0	1		09/04/13 17:52	107-13-1	
Benzene	<b>0.10U</b>	ug/L	1.0	0.10	1		09/04/13 17:52	71-43-2	
Bromochloromethane	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	74-97-5	
Bromodichloromethane	<b>0.27U</b>	ug/L	0.60	0.27	1		09/04/13 17:52	75-27-4	
Bromoform	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	75-25-2	
Bromomethane	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	74-83-9	
2-Butanone (MEK)	<b>5.0U</b>	ug/L	10.0	5.0	1		09/04/13 17:52	78-93-3	
Carbon disulfide	<b>5.0U</b>	ug/L	10.0	5.0	1		09/04/13 17:52	75-15-0	
Carbon tetrachloride	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	56-23-5	
Chlorobenzene	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	108-90-7	
Chloroethane	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	75-00-3	
Chloroform	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	67-66-3	
Chloromethane	<b>0.62U</b>	ug/L	1.0	0.62	1		09/04/13 17:52	74-87-3	
Dibromochloromethane	<b>0.26U</b>	ug/L	0.50	0.26	1		09/04/13 17:52	124-48-1	
Dibromomethane	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	74-95-3	
1,2-Dichlorobenzene	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 17:52	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: EQ Blank 8/27/13**      **Lab ID: 35105948001**      Collected: 08/27/13 08:38      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 17:52	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 17:52	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 17:52	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 17:52	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 17:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 17:52	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 17:52	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 17:52	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 17:52	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		09/04/13 17:52	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88 %		70-114		1		09/04/13 17:52	460-00-4	
1,2-Dichloroethane-d4 (S)	93 %		86-125		1		09/04/13 17:52	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		09/04/13 17:52	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		08/31/13 02:39		
<b>300.0 IC Anions</b> Analytical Method: EPA 300.0									
Nitrate as N	0.025U	mg/L	0.050	0.025	1		08/28/13 12:00	14797-55-8	
<b>300.0 IC Anions 28 Days</b> Analytical Method: EPA 300.0									
Chloride	2.5U	mg/L	5.0	2.5	1		08/28/13 12:00	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		08/28/13 12:00	14808-79-8	
<b>350.1 Ammonia</b> Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		08/29/13 13:14	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B76-1 Lab ID: 35105948002 Collected: 08/27/13 09:16 Received: 08/27/13 15:25 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b> Analytical Method:									
Field pH	5.31	Std. Units			1		08/27/13 09:16		
Field Temperature	23.95	deg C			1		08/27/13 09:16		
Appearance	Color: none, Sheen: none				1		08/27/13 09:16		
Field Specific Conductance	1085	umhos/cm			1		08/27/13 09:16		
Oxygen, Dissolved	1.09	mg/L			1		08/27/13 09:16	7782-44-7	
REDOX	-130.3	mV			1		08/27/13 09:16		
Turbidity	2.56	NTU			1		08/27/13 09:16		
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	08/28/13 23:17	08/29/13 16:51	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	08/28/13 23:17	08/29/13 16:51	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:52	7440-38-2	
Barium	188	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:52	7440-39-3	
Beryllium	0.66 I	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 21:52	7440-41-7	
Cadmium	2.5U	ug/L	5.0	2.5	5	08/28/13 11:50	08/29/13 13:18	7440-43-9	D3
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:52	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:52	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:52	7440-50-8	
Iron	53100	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 21:52	7439-89-6	J(M1)
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:52	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:52	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 21:52	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 21:52	7440-22-4	
Sodium	159	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 21:52	7440-23-5	J(M1)
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 21:52	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 21:52	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:40	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:07	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:13	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	107-13-1	
Benzene	15.0	ug/L	1.0	0.10	1		09/04/13 18:15	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 18:15	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

**Sample: B76-1**      **Lab ID: 35105948002**      Collected: 08/27/13 09:16      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	56-23-5	
Chlorobenzene	4.2	ug/L	1.0	0.50	1		09/04/13 18:15	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 18:15	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 18:15	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	95-50-1	
1,4-Dichlorobenzene	0.68 I	ug/L	1.0	0.50	1		09/04/13 18:15	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 18:15	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 18:15	10061-02-6	
Ethylbenzene	0.52 I	ug/L	1.0	0.50	1		09/04/13 18:15	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 18:15	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 18:15	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	127-18-4	
Toluene	0.53 I	ug/L	1.0	0.50	1		09/04/13 18:15	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 18:15	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 18:15	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 18:15	75-01-4	
Xylene (Total)	1.9	ug/L	1.0	0.50	1		09/04/13 18:15	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94 %		70-114		1		09/04/13 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	93 %		86-125		1		09/04/13 18:15	17060-07-0	
Toluene-d8 (S)	96 %		87-113		1		09/04/13 18:15	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	1040	mg/L	10.0	10.0	1		08/31/13 02:39		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B76-1		Lab ID: 35105948002		Collected: 08/27/13 09:16		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>		Analytical Method: EPA 300.0							
Nitrate as N	<b>0.12U</b>	mg/L	0.25	0.12	5		08/28/13 12:12	14797-55-8	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Chloride	<b>310</b>	mg/L	25.0	12.5	5		08/28/13 12:12	16887-00-6	
Sulfate	<b>12.5U</b>	mg/L	25.0	12.5	5		08/28/13 12:12	14808-79-8	
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	<b>0.066</b>	mg/L	0.050	0.020	1		08/29/13 13:15	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B76-1 DUP Lab ID: 35105948003 Collected: 08/27/13 09:16 Received: 08/27/13 15:25 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b> Analytical Method:									
Field pH	5.31	Std. Units			1		08/27/13 09:16		
Field Temperature	23.95	deg C			1		08/27/13 09:16		
Appearance	Color: none, Sheen: none				1		08/27/13 09:16		
Field Specific Conductance	1085	umhos/cm			1		08/27/13 09:16		
Oxygen, Dissolved	1.09	mg/L			1		08/27/13 09:16	7782-44-7	
REDOX	-130.3	mV			1		08/27/13 09:16		
Turbidity	2.56	NTU			1		08/27/13 09:16		
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0053U	ug/L	0.022	0.0053	1	08/28/13 23:17	08/29/13 17:37	96-12-8	
1,2-Dibromoethane (EDB)	0.0067U	ug/L	0.011	0.0067	1	08/28/13 23:17	08/29/13 17:37	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:03	7440-38-2	
Barium	193	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:03	7440-39-3	
Beryllium	0.60 I	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:03	7440-41-7	
Cadmium	2.5U	ug/L	5.0	2.5	5	08/28/13 11:50	08/29/13 13:40	7440-43-9	D3
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:03	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:03	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:03	7440-50-8	
Iron	54700	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:03	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:03	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:03	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:03	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:03	7440-22-4	
Sodium	165	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:03	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:03	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:03	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:42	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:10	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:15	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	107-13-1	
Benzene	11.7	ug/L	1.0	0.10	1		09/04/13 18:38	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 18:38	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: B76-1 DUP**      **Lab ID: 35105948003**      Collected: 08/27/13 09:16      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	56-23-5	
Chlorobenzene	2.8	ug/L	1.0	0.50	1		09/04/13 18:38	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 18:38	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 18:38	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	75-35-4	
cis-1,2-Dichloroethene	0.54	ug/L	1.0	0.50	1		09/04/13 18:38	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 18:38	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 18:38	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 18:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 18:38	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 18:38	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 18:38	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 18:38	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 18:38	75-01-4	
Xylene (Total)	1.3	ug/L	1.0	0.50	1		09/04/13 18:38	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94 %		70-114		1		09/04/13 18:38	460-00-4	
1,2-Dichloroethane-d4 (S)	96 %		86-125		1		09/04/13 18:38	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		09/04/13 18:38	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	1020	mg/L	10.0	10.0	1		08/31/13 02:39		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B76-1 DUP      Lab ID: 35105948003      Collected: 08/27/13 09:16      Received: 08/27/13 15:25      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b> Analytical Method: EPA 300.0									
Nitrate as N	<b>0.12U</b>	mg/L	0.25	0.12	5		08/28/13 12:24	14797-55-8	
<b>300.0 IC Anions 28 Days</b> Analytical Method: EPA 300.0									
Chloride	<b>316</b>	mg/L	25.0	12.5	5		08/28/13 12:24	16887-00-6	
Sulfate	<b>12.5U</b>	mg/L	25.0	12.5	5		08/28/13 12:24	14808-79-8	
<b>350.1 Ammonia</b> Analytical Method: EPA 350.1									
Nitrogen, Ammonia	<b>0.075</b>	mg/L	0.050	0.020	1		08/29/13 13:16	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B82-1 Lab ID: 35105948004 Collected: 08/27/13 10:08 Received: 08/27/13 15:25 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b> Analytical Method:									
Field pH	6.03	Std. Units			1		08/27/13 10:08		
Field Temperature	24.59	deg C			1		08/27/13 10:08		
Appearance	Color: none, Sheen: none				1		08/27/13 10:08		
Field Specific Conductance	360	umhos/cm			1		08/27/13 10:08		
Oxygen, Dissolved	0.26	mg/L			1		08/27/13 10:08	7782-44-7	
REDOX	-133.0	mV			1		08/27/13 10:08		
Turbidity	0.93	NTU			1		08/27/13 10:08		
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	08/28/13 23:17	08/29/13 17:53	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	08/28/13 23:17	08/29/13 17:53	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:06	7440-38-2	
Barium	36.6	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:06	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:06	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:06	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:06	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:06	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:06	7440-50-8	
Iron	10400	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:06	7439-89-6	
Lead	6.6	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:06	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:06	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:06	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:06	7440-22-4	
Sodium	13.1	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:06	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:06	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:06	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:45	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:30	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:17	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	107-13-1	
Benzene	0.10U	ug/L	1.0	0.10	1		09/04/13 19:02	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 19:02	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

**Sample: B82-1**      **Lab ID: 35105948004**      Collected: 08/27/13 10:08      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 19:02	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 19:02	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 19:02	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 19:02	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 19:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 19:02	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 19:02	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 19:02	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 19:02	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		09/04/13 19:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93 %		70-114		1		09/04/13 19:02	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		86-125		1		09/04/13 19:02	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		09/04/13 19:02	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	252	mg/L	5.0	5.0	1		08/31/13 02:39		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B82-1		Lab ID: 35105948004		Collected: 08/27/13 10:08		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>		Analytical Method: EPA 300.0							
Nitrate as N	<b>0.025U</b>	mg/L	0.050	0.025	1		08/28/13 12:36	14797-55-8	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Chloride	<b>35.4</b>	mg/L	5.0	2.5	1		08/28/13 12:36	16887-00-6	
Sulfate	<b>25.7</b>	mg/L	5.0	2.5	1		08/28/13 12:36	14808-79-8	
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	<b>0.095</b>	mg/L	0.050	0.020	1		08/29/13 13:17	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

Sample: B79-1		Lab ID: 35105948005		Collected: 08/27/13 11:01		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b>									
Analytical Method:									
Field pH	6.11	Std. Units			1		08/27/13 11:01		
Field Temperature	22.83	deg C			1		08/27/13 11:01		
Appearance	Color: yellow, Sheen: none				1		08/27/13 11:01		
Field Specific Conductance	2782	umhos/cm			1		08/27/13 11:01		
Oxygen, Dissolved	1.20	mg/L			1		08/27/13 11:01	7782-44-7	
REDOX	-119.1	mV			1		08/27/13 11:01		
Turbidity	0.74	NTU			1		08/27/13 11:01		
<b>8011 GCS EDB and DBCP</b>									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0053U	ug/L	0.022	0.0053	1	08/28/13 23:17	08/29/13 18:08	96-12-8	
1,2-Dibromoethane (EDB)	0.0067U	ug/L	0.011	0.0067	1	08/28/13 23:17	08/29/13 18:08	106-93-4	
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:10	7440-38-2	
Barium	143	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:10	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:10	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:10	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:10	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:10	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:10	7440-50-8	
Iron	24500	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:10	7439-89-6	
Lead	7.7 I	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:10	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:10	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:10	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:10	7440-22-4	
Sodium	284	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:10	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:10	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:10	7440-66-6	
<b>6020 MET ICPMS</b>									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:47	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:33	7440-28-0	
<b>7470 Mercury</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:20	7439-97-6	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	107-13-1	
Benzene	7.4	ug/L	1.0	0.10	1		09/04/13 19:25	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 19:25	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: B79-1**      **Lab ID: 35105948005**      Collected: 08/27/13 11:01      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	56-23-5	
Chlorobenzene	7.6	ug/L	1.0	0.50	1		09/04/13 19:25	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 19:25	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 19:25	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 19:25	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 19:25	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 19:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 19:25	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 19:25	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 19:25	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 19:25	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 19:25	75-01-4	
Xylene (Total)	2.0	ug/L	1.0	0.50	1		09/04/13 19:25	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96 %		70-114		1		09/04/13 19:25	460-00-4	
1,2-Dichloroethane-d4 (S)	97 %		86-125		1		09/04/13 19:25	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		09/04/13 19:25	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	1670	mg/L	20.0	20.0	1		08/31/13 02:40		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B79-1		Lab ID: 35105948005		Collected: 08/27/13 11:01		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>		Analytical Method: EPA 300.0							
Nitrate as N	<b>0.50U</b>	mg/L	1.0	0.50	20		08/28/13 13:13	14797-55-8	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Chloride	<b>323</b>	mg/L	100	50.0	20		08/28/13 13:13	16887-00-6	
Sulfate	<b>50.0U</b>	mg/L	100	50.0	20		08/28/13 13:13	14808-79-8	
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	<b>24.2</b>	mg/L	0.25	0.10	5		08/29/13 14:56	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

Sample: B79-6		Lab ID: 35105948006		Collected: 08/27/13 11:44		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b>									
		Analytical Method:							
Field pH	6.16	Std. Units			1		08/27/13 11:44		
Field Temperature	23.15	deg C			1		08/27/13 11:44		
Appearance	Color: yellow, Sheen: none				1		08/27/13 11:44		
Field Specific Conductance	2793	umhos/cm			1		08/27/13 11:44		
Oxygen, Dissolved	1.44	mg/L			1		08/27/13 11:44	7782-44-7	
REDOX	-122.2	mV			1		08/27/13 11:44		
Turbidity	1.95	NTU			1		08/27/13 11:44		
<b>8011 GCS EDB and DBCP</b>									
		Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	08/28/13 23:17	08/29/13 18:23	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	08/28/13 23:17	08/29/13 18:23	106-93-4	
<b>6010 MET ICP</b>									
		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:13	7440-38-2	
Barium	124	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:13	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:13	7440-41-7	
Cadmium	2.5U	ug/L	5.0	2.5	5	08/28/13 11:50	08/29/13 13:49	7440-43-9	D3
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:13	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:13	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:13	7440-50-8	
Iron	38300	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:13	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:13	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:13	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:13	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:13	7440-22-4	
Sodium	282	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:13	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:13	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:13	7440-66-6	
<b>6020 MET ICPMS</b>									
		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:49	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:36	7440-28-0	
<b>7470 Mercury</b>									
		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:22	7439-97-6	
<b>8260 MSV</b>									
		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	107-13-1	
Benzene	6.1	ug/L	1.0	0.10	1		09/04/13 19:48	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 19:48	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: B79-6**      **Lab ID: 35105948006**      Collected: 08/27/13 11:44      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	56-23-5	
Chlorobenzene	6.8	ug/L	1.0	0.50	1		09/04/13 19:48	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 19:48	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 19:48	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	95-50-1	
1,4-Dichlorobenzene	0.60 I	ug/L	1.0	0.50	1		09/04/13 19:48	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 19:48	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 19:48	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	100-41-4	
Hexachloro-1,3-butadiene	0.40U	ug/L	1.0	0.40	1		09/04/13 19:48	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 19:48	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 19:48	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 19:48	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 19:48	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 19:48	75-01-4	
Xylene (Total)	1.7	ug/L	1.0	0.50	1		09/04/13 19:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96 %		70-114		1		09/04/13 19:48	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		86-125		1		09/04/13 19:48	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		09/04/13 19:48	2037-26-5	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B79-6		Lab ID: 35105948006	Collected: 08/27/13 11:44	Received: 08/27/13 15:25	Matrix: Water				
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	1660	mg/L	20.0	20.0	1		08/31/13 02:40		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.50U	mg/L	1.0	0.50	20		08/28/13 13:25	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	306	mg/L	100	50.0	20		08/28/13 13:25	16887-00-6	
Sulfate	50.0U	mg/L	100	50.0	20		08/28/13 13:25	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	57.6	mg/L	0.25	0.10	5		08/29/13 14:57	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B85 Lab ID: 35105948007 Collected: 08/27/13 12:25 Received: 08/27/13 15:25 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b> Analytical Method:									
Field pH	6.21	Std. Units			1		08/27/13 12:25		
Field Temperature	22.95	deg C			1		08/27/13 12:25		
Appearance	Color: none, Sheen: none				1		08/27/13 12:25		
Field Specific Conductance	1508	umhos/cm			1		08/27/13 12:25		
Oxygen, Dissolved	0.55	mg/L			1		08/27/13 12:25	7782-44-7	
REDOX	-153.6	mV			1		08/27/13 12:25		
Turbidity	0.01	NTU			1		08/27/13 12:25		
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0052U	ug/L	0.021	0.0052	1	08/28/13 23:17	08/29/13 18:54	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.011	0.0065	1	08/28/13 23:17	08/29/13 18:54	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:17	7440-38-2	
Barium	61.1	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:17	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:17	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:17	7440-43-9	
Chromium	2.9 I	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:17	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:17	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:17	7440-50-8	
Iron	6570	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:17	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:17	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:17	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:17	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:17	7440-22-4	
Sodium	100	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:17	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:17	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:17	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:52	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:39	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:28	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	107-13-1	
Benzene	0.10U	ug/L	1.0	0.10	1		09/04/13 20:11	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 20:11	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: B85**      **Lab ID: 35105948007**      Collected: 08/27/13 12:25      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	56-23-5	
Chlorobenzene	3.0	ug/L	1.0	0.50	1		09/04/13 20:11	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 20:11	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 20:11	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	95-50-1	
1,4-Dichlorobenzene	0.66 l	ug/L	1.0	0.50	1		09/04/13 20:11	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 20:11	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 20:11	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 20:11	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 20:11	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 20:11	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 20:11	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		09/04/13 20:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95 %		70-114		1		09/04/13 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	95 %		86-125		1		09/04/13 20:11	17060-07-0	
Toluene-d8 (S)	97 %		87-113		1		09/04/13 20:11	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	980	mg/L	10.0	10.0	1		08/31/13 02:40		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B85      Lab ID: 35105948007      Collected: 08/27/13 12:25      Received: 08/27/13 15:25      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b> Analytical Method: EPA 300.0									
Nitrate as N	<b>0.12U</b>	mg/L	0.25	0.12	5		08/28/13 13:37	14797-55-8	
<b>300.0 IC Anions 28 Days</b> Analytical Method: EPA 300.0									
Chloride	<b>122</b>	mg/L	25.0	12.5	5		08/28/13 13:37	16887-00-6	
Sulfate	<b>12.5U</b>	mg/L	25.0	12.5	5		08/28/13 13:37	14808-79-8	
<b>350.1 Ammonia</b> Analytical Method: EPA 350.1									
Nitrogen, Ammonia	<b>9.2</b>	mg/L	0.050	0.020	1		08/29/13 13:20	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

Sample: B77-1		Lab ID: 35105948008		Collected: 08/27/13 13:07		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b>									
Analytical Method:									
Field pH	5.80	Std. Units			1		08/27/13 13:07		
Field Temperature	23.31	deg C			1		08/27/13 13:07		
Appearance	Color: none, Sheen: none				1		08/27/13 13:07		
Field Specific Conductance	1517	umhos/cm			1		08/27/13 13:07		
Oxygen, Dissolved	1.30	mg/L			1		08/27/13 13:07	7782-44-7	
REDOX	-133.5	mV			1		08/27/13 13:07		
Turbidity	0.53	NTU			1		08/27/13 13:07		
<b>8011 GCS EDB and DBCP</b>									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0054U	ug/L	0.022	0.0054	1	08/28/13 23:17	08/29/13 19:09	96-12-8	
1,2-Dibromoethane (EDB)	0.0069U	ug/L	0.011	0.0069	1	08/28/13 23:17	08/29/13 19:09	106-93-4	
<b>6010 MET ICP</b>									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:21	7440-38-2	
Barium	132	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:21	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:21	7440-41-7	
Cadmium	2.5U	ug/L	5.0	2.5	5	08/28/13 11:50	08/29/13 13:53	7440-43-9	D3
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:21	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:21	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:21	7440-50-8	
Iron	35100	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:21	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:21	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:21	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:21	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:21	7440-22-4	
Sodium	156	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:21	7440-23-5	
Vanadium	7.2 I	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:21	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:21	7440-66-6	
<b>6020 MET ICPMS</b>									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:54	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:42	7440-28-0	
<b>7470 Mercury</b>									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:30	7439-97-6	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	107-13-1	
Benzene	5.9	ug/L	1.0	0.10	1		09/04/13 20:34	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 20:34	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

**Sample: B77-1**      **Lab ID: 35105948008**      Collected: 08/27/13 13:07      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	56-23-5	
Chlorobenzene	2.3	ug/L	1.0	0.50	1		09/04/13 20:34	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 20:34	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 20:34	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 20:34	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 20:34	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 20:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 20:34	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 20:34	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	127-18-4	
Toluene	0.79 I	ug/L	1.0	0.50	1		09/04/13 20:34	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 20:34	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 20:34	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 20:34	75-01-4	
Xylene (Total)	3.3	ug/L	1.0	0.50	1		09/04/13 20:34	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93 %		70-114		1		09/04/13 20:34	460-00-4	
1,2-Dichloroethane-d4 (S)	94 %		86-125		1		09/04/13 20:34	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		09/04/13 20:34	2037-26-5	
<b>2540C Total Dissolved Solids</b> Analytical Method: SM 2540C									
Total Dissolved Solids	1050	mg/L	10.0	10.0	1		08/31/13 02:40		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B77-1		Lab ID: 35105948008		Collected: 08/27/13 13:07		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>		Analytical Method: EPA 300.0							
Nitrate as N	<b>0.12U</b>	mg/L	0.25	0.12	5		08/28/13 13:49	14797-55-8	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Chloride	<b>254</b>	mg/L	25.0	12.5	5		08/28/13 13:49	16887-00-6	
Sulfate	<b>12.5U</b>	mg/L	25.0	12.5	5		08/28/13 13:49	14808-79-8	
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	<b>0.068</b>	mg/L	0.050	0.020	1		08/29/13 13:21	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B86 Lab ID: 35105948009 Collected: 08/27/13 14:07 Received: 08/27/13 15:25 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b> Analytical Method:									
Field pH	6.32	Std. Units			1		08/27/13 14:07		
Field Temperature	26.79	deg C			1		08/27/13 14:07		
Appearance	Color: none, Sheen: none				1		08/27/13 14:07		
Field Specific Conductance	1904	umhos/cm			1		08/27/13 14:07		
Oxygen, Dissolved	0.91	mg/L			1		08/27/13 14:07	7782-44-7	
REDOX	-205.9	mV			1		08/27/13 14:07		
Turbidity	1.59	NTU			1		08/27/13 14:07		
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	08/28/13 23:17	08/29/13 19:24	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	08/28/13 23:17	08/29/13 19:24	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:35	7440-38-2	
Barium	121	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:35	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:35	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:35	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:35	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:35	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:35	7440-50-8	
Iron	13000	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:35	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:35	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:35	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:35	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:35	7440-22-4	
Sodium	299	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:35	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:35	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:35	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:56	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:45	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:33	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	107-13-1	
Benzene	6.0	ug/L	1.0	0.10	1		09/04/13 20:57	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 20:57	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: B86**      **Lab ID: 35105948009**      Collected: 08/27/13 14:07      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	56-23-5	
Chlorobenzene	9.4	ug/L	1.0	0.50	1		09/04/13 20:57	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 20:57	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 20:57	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 20:57	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 20:57	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 20:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 20:57	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 20:57	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 20:57	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 20:57	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		09/04/13 20:57	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94 %		70-114		1		09/04/13 20:57	460-00-4	
1,2-Dichloroethane-d4 (S)	98 %		86-125		1		09/04/13 20:57	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		09/04/13 20:57	2037-26-5	
<b>2540C Total Dissolved Solids</b>		Analytical Method: SM 2540C							
Total Dissolved Solids	1280	mg/L	10.0	10.0	1		08/31/13 02:41		

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B86      Lab ID: 35105948009      Collected: 08/27/13 14:07      Received: 08/27/13 15:25      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b> Analytical Method: EPA 300.0									
Nitrate as N	<b>0.12U</b>	mg/L	0.25	0.12	5		08/28/13 14:01	14797-55-8	
<b>300.0 IC Anions 28 Days</b> Analytical Method: EPA 300.0									
Chloride	<b>152</b>	mg/L	25.0	12.5	5		08/28/13 14:01	16887-00-6	
Sulfate	<b>12.5U</b>	mg/L	25.0	12.5	5		08/28/13 14:01	14808-79-8	
<b>350.1 Ammonia</b> Analytical Method: EPA 350.1									
Nitrogen, Ammonia	<b>0.16</b>	mg/L	0.050	0.020	1		08/29/13 13:22	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

Sample: B81-4      Lab ID: 35105948010      Collected: 08/27/13 14:43      Received: 08/27/13 15:25      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>Field Data</b> Analytical Method:									
Field pH	6.09	Std. Units			1		08/27/13 14:43		
Field Temperature	23.54	deg C			1		08/27/13 14:43		
Appearance	Color: none, Sheen: none				1		08/27/13 14:43		
Field Specific Conductance	560	umhos/cm			1		08/27/13 14:43		
Oxygen, Dissolved	0.55	mg/L			1		08/27/13 14:43	7782-44-7	
REDOX	-145.7	mV			1		08/27/13 14:43		
Turbidity	0.98	NTU			1		08/27/13 14:43		
<b>8011 GCS EDB and DBCP</b> Analytical Method: EPA 8011      Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0052U	ug/L	0.021	0.0052	1	08/28/13 23:17	08/29/13 19:39	96-12-8	
1,2-Dibromoethane (EDB)	0.0066U	ug/L	0.011	0.0066	1	08/28/13 23:17	08/29/13 19:39	106-93-4	
<b>6010 MET ICP</b> Analytical Method: EPA 6010      Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:39	7440-38-2	
Barium	69.8	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:39	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:39	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:39	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:39	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:39	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:39	7440-50-8	
Iron	10600	ug/L	40.0	20.0	1	08/28/13 11:50	08/28/13 22:39	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:39	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:39	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	08/28/13 11:50	08/28/13 22:39	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	08/28/13 11:50	08/28/13 22:39	7440-22-4	
Sodium	70.2	mg/L	1.0	0.50	1	08/28/13 11:50	08/28/13 22:39	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	08/28/13 11:50	08/28/13 22:39	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	08/28/13 11:50	08/28/13 22:39	7440-66-6	
<b>6020 MET ICPMS</b> Analytical Method: EPA 6020      Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	08/29/13 20:58	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	08/28/13 11:50	09/05/13 16:48	7440-28-0	
<b>7470 Mercury</b> Analytical Method: EPA 7470      Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	08/28/13 04:10	08/28/13 13:35	7439-97-6	
<b>8260 MSV</b> Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	107-13-1	
Benzene	0.91 I	ug/L	1.0	0.10	1		09/05/13 03:52	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/05/13 03:52	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	75-25-2	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample: B81-4**      **Lab ID: 35105948010**      Collected: 08/27/13 14:43      Received: 08/27/13 15:25      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	56-23-5	
Chlorobenzene	0.95 I	ug/L	1.0	0.50	1		09/05/13 03:52	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/05/13 03:52	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/05/13 03:52	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/05/13 03:52	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/05/13 03:52	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/05/13 03:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/05/13 03:52	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/05/13 03:52	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/05/13 03:52	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/05/13 03:52	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		09/05/13 03:52	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95 %		70-114		1		09/05/13 03:52	460-00-4	
Dibromofluoromethane (S)	0 %		88-117		1		09/05/13 03:52	1868-53-7	J(S0)
1,2-Dichloroethane-d4 (S)	95 %		86-125		1		09/05/13 03:52	17060-07-0	
Toluene-d8 (S)	96 %		87-113		1		09/05/13 03:52	2037-26-5	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: B81-4		Lab ID: 35105948010		Collected: 08/27/13 14:43		Received: 08/27/13 15:25		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>2540C Total Dissolved Solids</b>		Analytical Method: SM 2540C							
Total Dissolved Solids	<b>443</b>	mg/L	5.0	5.0	1		08/31/13 02:41		
<b>300.0 IC Anions</b>		Analytical Method: EPA 300.0							
Nitrate as N	<b>0.025U</b>	mg/L	0.050	0.025	1		08/28/13 14:13	14797-55-8	
<b>300.0 IC Anions 28 Days</b>		Analytical Method: EPA 300.0							
Chloride	<b>91.8</b>	mg/L	5.0	2.5	1		08/28/13 14:13	16887-00-6	
Sulfate	<b>2.5U</b>	mg/L	5.0	2.5	1		08/28/13 14:13	14808-79-8	
<b>350.1 Ammonia</b>		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	<b>0.11</b>	mg/L	0.050	0.020	1		08/29/13 13:24	7664-41-7	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

**Sample:** Trip Blank 8/27/13 **Lab ID:** 35105948011 **Collected:** 08/27/13 08:00 **Received:** 08/27/13 15:25 **Matrix:** Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	107-13-1	
Benzene	0.10U	ug/L	1.0	0.10	1		09/04/13 03:55	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		09/04/13 03:55	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		09/04/13 03:55	74-87-3	
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		09/04/13 03:55	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		09/04/13 03:55	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 03:55	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		09/04/13 03:55	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		09/04/13 03:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		09/04/13 03:55	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		09/04/13 03:55	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		09/04/13 03:55	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		09/04/13 03:55	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		09/04/13 03:55	75-01-4	

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## ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Sample: Trip Blank 8/27/13      Lab ID: 35105948011      Collected: 08/27/13 08:00      Received: 08/27/13 15:25      Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b> Analytical Method: EPA 8260									
Xylene (Total)	<b>0.50U</b>	ug/L	1.0	0.50	1		09/04/13 03:55	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93 %		70-114		1		09/04/13 03:55	460-00-4	
1,2-Dichloroethane-d4 (S)	95 %		86-125		1		09/04/13 03:55	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		09/04/13 03:55	2037-26-5	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	MERP/4032	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK:	706410	Matrix:	Water
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	08/28/13 12:39	

LABORATORY CONTROL SAMPLE:	706411					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	706412			706413								
Parameter	Units	35105828002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	1.6	1.6	79	78	80-120	2	20	J(M1)

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	MPRP/14783	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3010	Analysis Description:	6010 MET
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK: 706691 Matrix: Water

Associated Lab Samples: 35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	08/28/13 21:31	
Barium	ug/L	5.0U	10.0	08/28/13 21:31	
Beryllium	ug/L	0.50U	1.0	08/28/13 21:31	
Cadmium	ug/L	0.50U	1.0	08/28/13 21:31	
Chromium	ug/L	2.5U	5.0	08/28/13 21:31	
Cobalt	ug/L	5.0U	10.0	08/28/13 21:31	
Copper	ug/L	2.5U	5.0	08/28/13 21:31	
Iron	ug/L	20.0U	40.0	08/28/13 21:31	
Lead	ug/L	5.0U	10.0	08/28/13 21:31	
Nickel	ug/L	2.5U	5.0	08/28/13 21:31	
Selenium	ug/L	7.5U	15.0	08/28/13 21:31	
Silver	ug/L	2.5U	5.0	08/28/13 21:31	
Sodium	mg/L	0.50U	1.0	08/28/13 21:31	
Vanadium	ug/L	5.0U	10.0	08/28/13 21:31	
Zinc	ug/L	10.0U	20.0	08/28/13 21:31	

LABORATORY CONTROL SAMPLE: 706692

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	252	101	80-120	
Barium	ug/L	250	244	98	80-120	
Beryllium	ug/L	25	26.0	104	80-120	
Cadmium	ug/L	25	26.1	104	80-120	
Chromium	ug/L	250	260	104	80-120	
Cobalt	ug/L	250	257	103	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2560	102	80-120	
Lead	ug/L	250	269	107	80-120	
Nickel	ug/L	250	269	108	80-120	
Selenium	ug/L	250	257	103	80-120	
Silver	ug/L	25	26.5	106	80-120	
Sodium	mg/L	12.5	12.7	101	80-120	
Vanadium	ug/L	250	254	101	80-120	
Zinc	ug/L	1250	1290	103	80-120	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 706693 706694											
Parameter	Units	35105948002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
			Spike Conc.	Spike Conc.						RPD	RPD
Arsenic	ug/L	5.0U	250	250	255	260	101	103	75-125	2	20
Barium	ug/L	188	250	250	427	437	95	100	75-125	2	20
Beryllium	ug/L	0.66 l	25	25	25.6	26.2	100	102	75-125	2	20
Cadmium	ug/L	2.5U	25	25	23.4	23.8	94	95	75-125	1	20
Chromium	ug/L	2.5U	250	250	250	255	100	102	75-125	2	20
Cobalt	ug/L	5.0U	250	250	248	253	99	101	75-125	2	20
Copper	ug/L	2.5U	250	250	256	263	102	105	75-125	2	20
Iron	ug/L	53100	2500	2500	53700	55500	24	94	75-125	3	20 J(M1)
Lead	ug/L	5.0U	250	250	261	266	103	105	75-125	2	20
Nickel	ug/L	2.5U	250	250	257	260	103	104	75-125	1	20
Selenium	ug/L	7.5U	250	250	253	254	101	101	75-125	.6	20
Silver	ug/L	2.5U	25	25	22.9	23.7	92	95	75-125	3	20
Sodium	mg/L	159	12.5	12.5	167	172	59	104	75-125	3	20 J(M1)
Vanadium	ug/L	5.0U	250	250	254	259	100	102	75-125	2	20
Zinc	ug/L	10.0U	1250	1250	1280	1300	102	104	75-125	2	20

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	MPRP/14784	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK: 706695 Matrix: Water

Associated Lab Samples: 35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	08/29/13 20:19	
Thallium	ug/L	0.50U	1.0	09/05/13 15:52	

LABORATORY CONTROL SAMPLE: 706696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	50.3	101	80-120	
Thallium	ug/L	50	52.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 706697 706698

Parameter	Units	35105948010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	49.2	48.4	98	97	70-130	2	20	
Thallium	ug/L	0.50U	50	50	53.4	52.4	107	105	70-130	2	20	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	MSV/9547	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009		

METHOD BLANK: 710084 Matrix: Water

Associated Lab Samples: 35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	09/04/13 09:40	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	09/04/13 09:40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	09/04/13 09:40	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	09/04/13 09:40	
1,1-Dichloroethane	ug/L	0.50U	1.0	09/04/13 09:40	
1,1-Dichloroethene	ug/L	0.50U	1.0	09/04/13 09:40	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	09/04/13 09:40	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	09/04/13 09:40	
1,2-Dichloroethane	ug/L	0.50U	1.0	09/04/13 09:40	
1,2-Dichloropropane	ug/L	0.50U	1.0	09/04/13 09:40	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	09/04/13 09:40	
2-Butanone (MEK)	ug/L	5.0U	10.0	09/04/13 09:40	
2-Hexanone	ug/L	5.0U	10.0	09/04/13 09:40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	09/04/13 09:40	
Acetone	ug/L	5.0U	10.0	09/04/13 09:40	
Acrylonitrile	ug/L	5.0U	10.0	09/04/13 09:40	
Benzene	ug/L	0.10U	1.0	09/04/13 09:40	
Bromochloromethane	ug/L	0.50U	1.0	09/04/13 09:40	
Bromodichloromethane	ug/L	0.27U	0.60	09/04/13 09:40	
Bromoform	ug/L	0.50U	1.0	09/04/13 09:40	
Bromomethane	ug/L	0.50U	1.0	09/04/13 09:40	
Carbon disulfide	ug/L	5.0U	10.0	09/04/13 09:40	
Carbon tetrachloride	ug/L	0.50U	1.0	09/04/13 09:40	
Chlorobenzene	ug/L	0.50U	1.0	09/04/13 09:40	
Chloroethane	ug/L	0.50U	1.0	09/04/13 09:40	
Chloroform	ug/L	0.50U	1.0	09/04/13 09:40	
Chloromethane	ug/L	0.62U	1.0	09/04/13 09:40	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	09/04/13 09:40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	09/04/13 09:40	
Dibromochloromethane	ug/L	0.26U	0.50	09/04/13 09:40	
Dibromomethane	ug/L	0.50U	1.0	09/04/13 09:40	
Ethylbenzene	ug/L	0.50U	1.0	09/04/13 09:40	
Hexachloro-1,3-butadiene	ug/L	0.40U	1.0	09/04/13 09:40	
Iodomethane	ug/L	0.50U	1.0	09/04/13 09:40	
Methylene Chloride	ug/L	2.5U	5.0	09/04/13 09:40	
Styrene	ug/L	0.50U	1.0	09/04/13 09:40	
Tetrachloroethene	ug/L	0.50U	1.0	09/04/13 09:40	
Toluene	ug/L	0.50U	1.0	09/04/13 09:40	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	09/04/13 09:40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	09/04/13 09:40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	09/04/13 09:40	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

METHOD BLANK: 710084

Matrix: Water

Associated Lab Samples: 35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50U	1.0	09/04/13 09:40	
Trichlorofluoromethane	ug/L	0.50U	1.0	09/04/13 09:40	
Vinyl acetate	ug/L	1.0U	2.0	09/04/13 09:40	
Vinyl chloride	ug/L	0.50U	1.0	09/04/13 09:40	
Xylene (Total)	ug/L	0.50U	1.0	09/04/13 09:40	
1,2-Dichloroethane-d4 (S)	%	97	86-125	09/04/13 09:40	
4-Bromofluorobenzene (S)	%	92	70-114	09/04/13 09:40	
Toluene-d8 (S)	%	100	87-113	09/04/13 09:40	

LABORATORY CONTROL SAMPLE & LCSD: 710085

711253

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	19.5	19.2	97	96	70-130	2	40	
1,1,1-Trichloroethane	ug/L	20	20.9	18.9	104	95	70-130	10	40	
1,1,2,2-Tetrachloroethane	ug/L	20	20.9	21.5	105	108	70-130	3	40	
1,1,2-Trichloroethane	ug/L	20	22.4	22.0	112	110	70-130	2	40	
1,1-Dichloroethane	ug/L	20	19.5	19.8	98	99	70-130	1	40	
1,1-Dichloroethene	ug/L	20	18.7	20.2	93	101	70-130	8	40	
1,2,3-Trichloropropane	ug/L	20	23.0	24.7	115	124	70-130	7	40	
1,2-Dichlorobenzene	ug/L	20	19.9	20.2	99	101	70-130	2	40	
1,2-Dichloroethane	ug/L	20	18.9	18.5	94	92	70-130	2	40	
1,2-Dichloropropane	ug/L	20	20.2	20.6	101	103	70-130	2	40	
1,4-Dichlorobenzene	ug/L	20	18.9	19.9	95	100	70-130	5	40	
2-Butanone (MEK)	ug/L	20	19.7	19.5	98	97	55-167	1	40	
2-Hexanone	ug/L	20	18.1	18.8	90	94	65-130	4	40	
4-Methyl-2-pentanone (MIBK)	ug/L	20	19.0	20.2	95	101	70-130	6	40	
Acetone	ug/L	20	18.3	18.8	92	94	40-150	3	40	
Acrylonitrile	ug/L	200	190	203	95	101	70-130	7	40	
Benzene	ug/L	20	19.9	19.7	99	99	70-130	.8	40	
Bromochloromethane	ug/L	20	20.0	19.0	100	95	70-130	5	40	
Bromodichloromethane	ug/L	20	19.6	18.5	98	93	70-130	5	40	
Bromoform	ug/L	20	15.7	15.8	79	79	68-130	.8	40	
Bromomethane	ug/L	20	18.8	15.8	94	79	38-179	17	40	
Carbon disulfide	ug/L	20	19.6	19.8	98	99	51-155	1	40	
Carbon tetrachloride	ug/L	20	19.4	19.3	97	96	70-130	.8	40	
Chlorobenzene	ug/L	20	20.4	20.1	102	100	70-130	2	40	
Chloroethane	ug/L	20	16.7	19.7	84	98	59-149	16	40	
Chloroform	ug/L	20	18.6	18.1	93	91	70-130	3	40	
Chloromethane	ug/L	20	19.2	20.2	96	101	68-130	5	40	
cis-1,2-Dichloroethene	ug/L	20	18.2	18.9	91	94	70-130	4	40	
cis-1,3-Dichloropropene	ug/L	20	16.3	16.5	81	82	70-130	1	40	
Dibromochloromethane	ug/L	20	17.5	17.5	88	88	70-130	.03	40	
Dibromomethane	ug/L	20	19.4	19.1	97	95	70-130	2	40	
Ethylbenzene	ug/L	20	19.7	19.7	98	98	70-130	.1	40	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

LABORATORY CONTROL SAMPLE & LCSD: 710085			711253							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Hexachloro-1,3-butadiene	ug/L	20	20.2	23.2	101	116	70-130	14	40	
Iodomethane	ug/L	20	20.0	20.5	100	103	43-160	3	40	
Methylene Chloride	ug/L	20	19.0	18.9	95	94	70-130	.5	40	
Styrene	ug/L	20	20.6	19.7	103	98	70-130	5	40	
Tetrachloroethene	ug/L	20	24.3	24.1	121	120	66-133	.8	40	
Toluene	ug/L	20	20.5	20.0	103	100	70-130	3	40	
trans-1,2-Dichloroethene	ug/L	20	19.6	19.7	98	98	70-130	.3	40	
trans-1,3-Dichloropropene	ug/L	20	19.2	18.9	96	95	70-130	1	40	
trans-1,4-Dichloro-2-butene	ug/L	20	20.5	22.8	102	114	65-130	11	40	
Trichloroethene	ug/L	20	19.7	19.4	98	97	70-130	1	40	
Trichlorofluoromethane	ug/L	20	18.1	18.7	90	94	70-131	3	40	
Vinyl acetate	ug/L	20	18.7	19.5	94	97	69-135	4	40	
Vinyl chloride	ug/L	20	20.3	21.3	101	107	69-140	5	40	
Xylene (Total)	ug/L	60	60.5	60.8	101	101	70-130	.5	40	
1,2-Dichloroethane-d4 (S)	%				95	96	86-125			
4-Bromofluorobenzene (S)	%				97	99	70-114			
Toluene-d8 (S)	%				100	98	87-113			

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch: MSV/9551

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 35105948011

METHOD BLANK: 710440

Matrix: Water

Associated Lab Samples: 35105948011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	09/04/13 02:46	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	09/04/13 02:46	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	09/04/13 02:46	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	09/04/13 02:46	
1,1-Dichloroethane	ug/L	0.50U	1.0	09/04/13 02:46	
1,1-Dichloroethene	ug/L	0.50U	1.0	09/04/13 02:46	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	09/04/13 02:46	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	09/04/13 02:46	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	09/04/13 02:46	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	09/04/13 02:46	
1,2-Dichloroethane	ug/L	0.50U	1.0	09/04/13 02:46	
1,2-Dichloropropane	ug/L	0.50U	1.0	09/04/13 02:46	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	09/04/13 02:46	
2-Butanone (MEK)	ug/L	5.0U	10.0	09/04/13 02:46	
2-Hexanone	ug/L	5.0U	10.0	09/04/13 02:46	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	09/04/13 02:46	
Acetone	ug/L	5.0U	10.0	09/04/13 02:46	
Acrylonitrile	ug/L	5.0U	10.0	09/04/13 02:46	
Benzene	ug/L	0.10U	1.0	09/04/13 02:46	
Bromochloromethane	ug/L	0.50U	1.0	09/04/13 02:46	
Bromodichloromethane	ug/L	0.27U	0.60	09/04/13 02:46	
Bromoform	ug/L	0.50U	1.0	09/04/13 02:46	
Bromomethane	ug/L	0.50U	1.0	09/04/13 02:46	
Carbon disulfide	ug/L	5.0U	10.0	09/04/13 02:46	
Carbon tetrachloride	ug/L	0.50U	1.0	09/04/13 02:46	
Chlorobenzene	ug/L	0.50U	1.0	09/04/13 02:46	
Chloroethane	ug/L	0.50U	1.0	09/04/13 02:46	
Chloroform	ug/L	0.50U	1.0	09/04/13 02:46	
Chloromethane	ug/L	0.62U	1.0	09/04/13 02:46	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	09/04/13 02:46	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	09/04/13 02:46	
Dibromochloromethane	ug/L	0.26U	0.50	09/04/13 02:46	
Dibromomethane	ug/L	0.50U	1.0	09/04/13 02:46	
Ethylbenzene	ug/L	0.50U	1.0	09/04/13 02:46	
Iodomethane	ug/L	0.50U	1.0	09/04/13 02:46	
Methylene Chloride	ug/L	2.5U	5.0	09/04/13 02:46	
Styrene	ug/L	0.50U	1.0	09/04/13 02:46	
Tetrachloroethene	ug/L	0.50U	1.0	09/04/13 02:46	
Toluene	ug/L	0.50U	1.0	09/04/13 02:46	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	09/04/13 02:46	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	09/04/13 02:46	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	09/04/13 02:46	
Trichloroethene	ug/L	0.50U	1.0	09/04/13 02:46	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

METHOD BLANK: 710440

Matrix: Water

Associated Lab Samples: 35105948011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	09/04/13 02:46	
Vinyl acetate	ug/L	1.0U	2.0	09/04/13 02:46	
Vinyl chloride	ug/L	0.50U	1.0	09/04/13 02:46	
Xylene (Total)	ug/L	0.50U	1.0	09/04/13 02:46	
1,2-Dichloroethane-d4 (S)	%	99	86-125	09/04/13 02:46	
4-Bromofluorobenzene (S)	%	100	70-114	09/04/13 02:46	
Toluene-d8 (S)	%	100	87-113	09/04/13 02:46	

LABORATORY CONTROL SAMPLE: 710441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.4	97	70-130	
1,1,1-Trichloroethane	ug/L	20	20.7	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.9	110	70-130	
1,1,2-Trichloroethane	ug/L	20	21.8	109	70-130	
1,1-Dichloroethane	ug/L	20	19.9	100	70-130	
1,1-Dichloroethene	ug/L	20	20.4	102	70-130	
1,2,3-Trichloropropane	ug/L	20	25.8	129	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	21.0	105	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.7	108	70-130	
1,2-Dichlorobenzene	ug/L	20	21.1	106	70-130	
1,2-Dichloroethane	ug/L	20	19.4	97	70-130	
1,2-Dichloropropane	ug/L	20	19.9	100	70-130	
1,4-Dichlorobenzene	ug/L	20	20.0	100	70-130	
2-Butanone (MEK)	ug/L	20	19.5	98	55-167	
2-Hexanone	ug/L	20	19.5	97	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	19.9	100	70-130	
Acetone	ug/L	20	17.8	89	40-150	
Acrylonitrile	ug/L	200	205	103	70-130	
Benzene	ug/L	20	19.4	97	70-130	
Bromochloromethane	ug/L	20	20.2	101	70-130	
Bromodichloromethane	ug/L	20	21.4	107	70-130	
Bromoform	ug/L	20	17.5	87	68-130	
Bromomethane	ug/L	20	19.5	98	38-179	
Carbon disulfide	ug/L	20	19.6	98	51-155	
Carbon tetrachloride	ug/L	20	21.0	105	70-130	
Chlorobenzene	ug/L	20	19.9	99	70-130	
Chloroethane	ug/L	20	18.6	93	59-149	
Chloroform	ug/L	20	20.5	102	70-130	
Chloromethane	ug/L	20	19.0	95	68-130	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.4	92	70-130	
Dibromochloromethane	ug/L	20	19.0	95	70-130	
Dibromomethane	ug/L	20	20.4	102	70-130	
Ethylbenzene	ug/L	20	20.2	101	70-130	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

LABORATORY CONTROL SAMPLE: 710441

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	20	20.9	105	43-160	
Methylene Chloride	ug/L	20	19.4	97	70-130	
Styrene	ug/L	20	20.0	100	70-130	
Tetrachloroethene	ug/L	20	19.5	97	66-133	
Toluene	ug/L	20	19.7	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.9	110	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.2	91	65-130	
Trichloroethene	ug/L	20	19.2	96	70-130	
Trichlorofluoromethane	ug/L	20	20.8	104	70-131	
Vinyl acetate	ug/L	20	21.0	105	69-135	
Vinyl chloride	ug/L	20	19.5	98	69-140	
Xylene (Total)	ug/L	60	61.0	102	70-130	
1,2-Dichloroethane-d4 (S)	%			100	86-125	
4-Bromofluorobenzene (S)	%			102	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 710442

Parameter	Units	35106357001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	16.6	83	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	20.2	101	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.9	94	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.1	96	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	18.9	94	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	19.7	99	45-155	
1,2,3-Trichloropropane	ug/L	0.36U	20	21.7	108	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	15.3	77	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	18.1	90	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.3	92	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	17.4	87	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.8	94	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	17.4	87	38-130	
2-Butanone (MEK)	ug/L	5.0U	20	17.4	87	48-138	
2-Hexanone	ug/L	5.0U	20	17.8	89	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	18.5	92	28-143	
Acetone	ug/L	5.0U	20	16.4	82	20-140	
Acrylonitrile	ug/L	5.0U	200	185	93	46-130	
Benzene	ug/L	0.10U	20	18.4	92	53-132	
Bromochloromethane	ug/L	0.50U	20	18.1	91	54-132	
Bromodichloromethane	ug/L	0.27U	20	17.4	87	46-130	
Bromoform	ug/L	0.50U	20	11.6	58	32-130	
Bromomethane	ug/L	0.50U	20	19.4	97	20-152	
Carbon disulfide	ug/L	5.0U	20	19.7	99	28-184	
Carbon tetrachloride	ug/L	0.50U	20	17.9	89	37-137	
Chlorobenzene	ug/L	0.50U	20	17.9	89	46-130	
Chloroethane	ug/L	0.50U	20	20.2	101	48-159	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

MATRIX SPIKE SAMPLE: 710442		35106357001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloroform	ug/L	0.50U	20	17.2	86	51-130	
Chloromethane	ug/L	0.62U	20	19.6	98	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	18.7	94	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	12.0	60	45-130	
Dibromochloromethane	ug/L	0.26U	20	14.1	71	43-130	
Dibromomethane	ug/L	0.50U	20	18.7	94	50-130	
Ethylbenzene	ug/L	0.50U	20	17.9	90	43-130	
Iodomethane	ug/L	0.50U	20	18.9	94	20-169	
Methylene Chloride	ug/L	2.5U	20	17.4	87	51-135	
Styrene	ug/L	0.50U	20	18.2	91	40-130	
Tetrachloroethene	ug/L	0.50U	20	16.1	81	26-130	
Toluene	ug/L	0.50U	20	18.5	92	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	18.8	94	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	12.6	63	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	17.5	87	20-139	
Trichloroethene	ug/L	0.50U	20	18.2	91	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	17.0	85	46-146	
Vinyl acetate	ug/L	1.0U	20	17.7	89	20-165	
Vinyl chloride	ug/L	0.50U	20	22.8	114	57-142	
Xylene (Total)	ug/L	0.50U	60	53.6	89	42-130	
1,2-Dichloroethane-d4 (S)	%				100	86-125	
4-Bromofluorobenzene (S)	%				93	70-114	
Toluene-d8 (S)	%				98	87-113	

SAMPLE DUPLICATE: 710443

Parameter	Units	35106357002	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.36U	0.36U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	1.0U		40	
1,2-Dibromoethane (EDB)	ug/L	0.50U	0.50U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	5.0U	5.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

SAMPLE DUPLICATE: 710443

Parameter	Units	35106357002 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	96	99	3		
4-Bromofluorobenzene (S)	%	95	98	3		
Toluene-d8 (S)	%	97	98	.9		

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch: MSV/9561

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Associated Lab Samples: 35105948010

METHOD BLANK: 711800

Matrix: Water

Associated Lab Samples: 35105948010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	09/04/13 23:16	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	09/04/13 23:16	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	09/04/13 23:16	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	09/04/13 23:16	
1,1-Dichloroethane	ug/L	0.50U	1.0	09/04/13 23:16	
1,1-Dichloroethene	ug/L	0.50U	1.0	09/04/13 23:16	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	09/04/13 23:16	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	09/04/13 23:16	
1,2-Dichloroethane	ug/L	0.50U	1.0	09/04/13 23:16	
1,2-Dichloropropane	ug/L	0.50U	1.0	09/04/13 23:16	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	09/04/13 23:16	
2-Butanone (MEK)	ug/L	5.0U	10.0	09/04/13 23:16	
2-Hexanone	ug/L	5.0U	10.0	09/04/13 23:16	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	09/04/13 23:16	
Acetone	ug/L	5.0U	10.0	09/04/13 23:16	
Acrylonitrile	ug/L	5.0U	10.0	09/04/13 23:16	
Benzene	ug/L	0.10U	1.0	09/04/13 23:16	
Bromochloromethane	ug/L	0.50U	1.0	09/04/13 23:16	
Bromodichloromethane	ug/L	0.27U	0.60	09/04/13 23:16	
Bromoform	ug/L	0.50U	1.0	09/04/13 23:16	
Bromomethane	ug/L	0.50U	1.0	09/04/13 23:16	
Carbon disulfide	ug/L	5.0U	10.0	09/04/13 23:16	
Carbon tetrachloride	ug/L	0.50U	1.0	09/04/13 23:16	
Chlorobenzene	ug/L	0.50U	1.0	09/04/13 23:16	
Chloroethane	ug/L	0.50U	1.0	09/04/13 23:16	
Chloroform	ug/L	0.50U	1.0	09/04/13 23:16	
Chloromethane	ug/L	0.62U	1.0	09/04/13 23:16	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	09/04/13 23:16	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	09/04/13 23:16	
Dibromochloromethane	ug/L	0.26U	0.50	09/04/13 23:16	
Dibromomethane	ug/L	0.50U	1.0	09/04/13 23:16	
Ethylbenzene	ug/L	0.50U	1.0	09/04/13 23:16	
Iodomethane	ug/L	0.50U	1.0	09/04/13 23:16	
Methylene Chloride	ug/L	2.5U	5.0	09/04/13 23:16	
Styrene	ug/L	0.50U	1.0	09/04/13 23:16	
Tetrachloroethene	ug/L	0.50U	1.0	09/04/13 23:16	
Toluene	ug/L	0.50U	1.0	09/04/13 23:16	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	09/04/13 23:16	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	09/04/13 23:16	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	09/04/13 23:16	
Trichloroethene	ug/L	0.50U	1.0	09/04/13 23:16	
Trichlorofluoromethane	ug/L	0.50U	1.0	09/04/13 23:16	
Vinyl acetate	ug/L	1.0U	2.0	09/04/13 23:16	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

METHOD BLANK: 711800

Matrix: Water

Associated Lab Samples: 35105948010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	09/04/13 23:16	
Xylene (Total)	ug/L	0.50U	1.0	09/04/13 23:16	
1,2-Dichloroethane-d4 (S)	%	93	86-125	09/04/13 23:16	
4-Bromofluorobenzene (S)	%	92	70-114	09/04/13 23:16	
Toluene-d8 (S)	%	100	87-113	09/04/13 23:16	

LABORATORY CONTROL SAMPLE & LCSD: 711801

711802

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	19.6	19.0	98	95	70-130	3	40	
1,1,1-Trichloroethane	ug/L	20	18.1	17.4	91	87	70-130	4	40	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	22.0	102	110	70-130	7	40	
1,1,2-Trichloroethane	ug/L	20	20.9	21.1	104	106	70-130	1	40	
1,1-Dichloroethane	ug/L	20	17.4	18.8	87	94	70-130	8	40	
1,1-Dichloroethene	ug/L	20	18.9	18.9	95	94	70-130	.2	40	
1,2,3-Trichloropropane	ug/L	20	21.1	19.6	105	98	70-130	7	40	
1,2-Dichlorobenzene	ug/L	20	18.7	19.3	94	96	70-130	3	40	
1,2-Dichloroethane	ug/L	20	18.7	18.9	93	95	70-130	1	40	
1,2-Dichloropropane	ug/L	20	17.9	17.9	89	90	70-130	.2	40	
1,4-Dichlorobenzene	ug/L	20	18.6	18.1	93	91	70-130	3	40	
2-Butanone (MEK)	ug/L	20	18.6	20.6	93	103	55-167	10	40	
2-Hexanone	ug/L	20	18.1	20.7	90	104	65-130	14	40	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.2	18.6	91	93	70-130	2	40	
Acetone	ug/L	20	19.4	21.0	97	105	40-150	8	40	
Acrylonitrile	ug/L	200	189	182	95	91	70-130	4	40	
Benzene	ug/L	20	18.9	18.2	95	91	70-130	4	40	
Bromochloromethane	ug/L	20	19.1	18.4	96	92	70-130	4	40	
Bromodichloromethane	ug/L	20	20.2	18.8	101	94	70-130	7	40	
Bromoform	ug/L	20	18.2	17.8	91	89	68-130	2	40	
Bromomethane	ug/L	20	19.0	19.2	95	96	38-179	1	40	
Carbon disulfide	ug/L	20	19.4	19.4	97	97	51-155	.07	40	
Carbon tetrachloride	ug/L	20	19.7	17.8	98	89	70-130	10	40	
Chlorobenzene	ug/L	20	19.8	19.0	99	95	70-130	4	40	
Chloroethane	ug/L	20	18.7	19.7	94	98	59-149	5	40	
Chloroform	ug/L	20	17.4	17.1	87	85	70-130	2	40	
Chloromethane	ug/L	20	18.6	18.5	93	93	68-130	.5	40	
cis-1,2-Dichloroethene	ug/L	20	17.7	16.5	88	83	70-130	7	40	
cis-1,3-Dichloropropene	ug/L	20	18.4	18.1	92	91	70-130	1	40	
Dibromochloromethane	ug/L	20	18.3	18.5	91	92	70-130	1	40	
Dibromomethane	ug/L	20	18.4	18.0	92	90	70-130	2	40	
Ethylbenzene	ug/L	20	19.4	18.3	97	91	70-130	6	40	
Iodomethane	ug/L	20	19.4	19.2	97	96	43-160	1	40	
Methylene Chloride	ug/L	20	18.9	18.7	95	93	70-130	1	40	
Styrene	ug/L	20	19.8	19.0	99	95	70-130	4	40	
Tetrachloroethene	ug/L	20	19.2	19.0	96	95	66-133	.7	40	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

LABORATORY CONTROL SAMPLE & LCSD: 711801			711802							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Toluene	ug/L	20	20.0	18.8	100	94	70-130	6	40	
trans-1,2-Dichloroethene	ug/L	20	18.4	18.4	92	92	70-130	.06	40	
trans-1,3-Dichloropropene	ug/L	20	18.6	19.2	93	96	70-130	3	40	
trans-1,4-Dichloro-2-butene	ug/L	20	24.4	23.3	122	117	65-130	4	40	
Trichloroethene	ug/L	20	19.6	19.3	98	97	70-130	2	40	
Trichlorofluoromethane	ug/L	20	16.9	17.9	85	90	70-131	6	40	
Vinyl acetate	ug/L	20	18.7	19.4	94	97	69-135	3	40	
Vinyl chloride	ug/L	20	18.3	18.8	91	94	69-140	3	40	
Xylene (Total)	ug/L	60	56.1	55.4	94	92	70-130	1	40	
1,2-Dichloroethane-d4 (S)	%				96	93	86-125			
4-Bromofluorobenzene (S)	%				98	98	70-114			
Toluene-d8 (S)	%				98	98	87-113			

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	OEXT/14072	Analysis Method:	EPA 8011
QC Batch Method:	EPA 8011	Analysis Description:	8011 EDB DBCP
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK: 707492 Matrix: Water

Associated Lab Samples: 35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	08/29/13 16:05	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	08/29/13 16:05	

LABORATORY CONTROL SAMPLE: 707493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.24	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.24	98	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 707496 707497

Parameter	Units	35105948002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0051 U	.44	.44	0.46	0.45	105	103	60-140	2	40	
1,2-Dibromoethane (EDB)	ug/L	0.0065 U	.44	.44	0.50	0.50	114	115	60-140	.7	40	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	WET/20919	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK:	709587	Matrix:	Water
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	08/31/13 02:34	

LABORATORY CONTROL SAMPLE:	709588
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Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	291	97	90-110	

SAMPLE DUPLICATE:	709589
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Parameter	Units	35105890013 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	165	168	2	20	

SAMPLE DUPLICATE:	709590
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Parameter	Units	35105885003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3110	3220	3	20	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	WETA/29019	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK:	706837	Matrix:	Water
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	08/28/13 11:36	

LABORATORY CONTROL SAMPLE:	706838
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Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.7	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	706839	706840
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Parameter	Units	35105948004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.5	4.5	90	91	90-110	.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	708509	708510
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Parameter	Units	35105990001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	7.3	25	25	31.2	31.2	96	96	90-110	.3	20	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	WETA/29020	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK: 706843 Matrix: Water

Associated Lab Samples: 35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	08/28/13 11:36	
Sulfate	mg/L	2.5U	5.0	08/28/13 11:36	

LABORATORY CONTROL SAMPLE: 706844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.5	95	90-110	
Sulfate	mg/L	50	47.0	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 706845 706846

Parameter	Units	35105948004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	35.4	50	50	86.1	86.4	101	102	90-110	.4	20	
Sulfate	mg/L	25.7	50	50	76.1	76.2	101	101	90-110	.06	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 706847 706848

Parameter	Units	35105990001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	406	250	250	675	675	108	107	90-110	.04	20	L
Sulfate	mg/L	69.4	250	250	312	310	97	96	90-110	.5	20	

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## QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

QC Batch:	WETA/29045	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

METHOD BLANK:	707767	Matrix:	Water
Associated Lab Samples:	35105948001, 35105948002, 35105948003, 35105948004, 35105948005, 35105948006, 35105948007, 35105948008, 35105948009, 35105948010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	08/29/13 12:58	

LABORATORY CONTROL SAMPLE:	707768
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Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	104	90-110	

MATRIX SPIKE SAMPLE:	707770
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Parameter	Units	35105977001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.62	1	1.5	89	90-110	J(M1)

SAMPLE DUPLICATE:	707769
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Parameter	Units	35105977001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.62	0.63	.7	20	

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## QUALIFIERS

Project: Tomoka LF Benzene Remediation  
Pace Project No.: 35105948

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### 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.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting 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.

### LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

### ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

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

J(S0) Estimated Value. Surrogate recovery outside laboratory control limits.

L Off-scale high. Actual value is known to be greater than value given.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35105948002	B76-1		FLD/		
35105948003	B76-1 DUP		FLD/		
35105948004	B82-1		FLD/		
35105948005	B79-1		FLD/		
35105948006	B79-6		FLD/		
35105948007	B85		FLD/		
35105948008	B77-1		FLD/		
35105948009	B86		FLD/		
35105948010	B81-4		FLD/		
35105948001	EQ Blank 8/27/13	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948002	B76-1	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948003	B76-1 DUP	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948004	B82-1	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948005	B79-1	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948006	B79-6	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948007	B85	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948008	B77-1	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948009	B86	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948010	B81-4	EPA 8011	OEXT/14072	EPA 8011	GCSV/9382
35105948001	EQ Blank 8/27/13	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948002	B76-1	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948003	B76-1 DUP	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948004	B82-1	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948005	B79-1	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948006	B79-6	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948007	B85	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948008	B77-1	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948009	B86	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948010	B81-4	EPA 3010	MPRP/14783	EPA 6010	ICP/9349
35105948001	EQ Blank 8/27/13	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948002	B76-1	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948003	B76-1 DUP	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948004	B82-1	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948005	B79-1	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948006	B79-6	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948007	B85	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948008	B77-1	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948009	B86	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948010	B81-4	EPA 3010	MPRP/14784	EPA 6020	ICPM/5913
35105948001	EQ Blank 8/27/13	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948002	B76-1	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948003	B76-1 DUP	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948004	B82-1	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948005	B79-1	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948006	B79-6	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948007	B85	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948008	B77-1	EPA 7470	MERP/4032	EPA 7470	MERC/4029

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35105948009	B86	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948010	B81-4	EPA 7470	MERP/4032	EPA 7470	MERC/4029
35105948001	EQ Blank 8/27/13	EPA 8260	MSV/9547		
35105948002	B76-1	EPA 8260	MSV/9547		
35105948003	B76-1 DUP	EPA 8260	MSV/9547		
35105948004	B82-1	EPA 8260	MSV/9547		
35105948005	B79-1	EPA 8260	MSV/9547		
35105948006	B79-6	EPA 8260	MSV/9547		
35105948007	B85	EPA 8260	MSV/9547		
35105948008	B77-1	EPA 8260	MSV/9547		
35105948009	B86	EPA 8260	MSV/9547		
35105948010	B81-4	EPA 8260	MSV/9561		
35105948011	Trip Blank 8/27/13	EPA 8260	MSV/9551		
35105948001	EQ Blank 8/27/13	SM 2540C	WET/20919		
35105948002	B76-1	SM 2540C	WET/20919		
35105948003	B76-1 DUP	SM 2540C	WET/20919		
35105948004	B82-1	SM 2540C	WET/20919		
35105948005	B79-1	SM 2540C	WET/20919		
35105948006	B79-6	SM 2540C	WET/20919		
35105948007	B85	SM 2540C	WET/20919		
35105948008	B77-1	SM 2540C	WET/20919		
35105948009	B86	SM 2540C	WET/20919		
35105948010	B81-4	SM 2540C	WET/20919		
35105948001	EQ Blank 8/27/13	EPA 300.0	WETA/29019		
35105948002	B76-1	EPA 300.0	WETA/29019		
35105948003	B76-1 DUP	EPA 300.0	WETA/29019		
35105948004	B82-1	EPA 300.0	WETA/29019		
35105948005	B79-1	EPA 300.0	WETA/29019		
35105948006	B79-6	EPA 300.0	WETA/29019		
35105948007	B85	EPA 300.0	WETA/29019		
35105948008	B77-1	EPA 300.0	WETA/29019		
35105948009	B86	EPA 300.0	WETA/29019		
35105948010	B81-4	EPA 300.0	WETA/29019		
35105948001	EQ Blank 8/27/13	EPA 300.0	WETA/29020		
35105948002	B76-1	EPA 300.0	WETA/29020		
35105948003	B76-1 DUP	EPA 300.0	WETA/29020		
35105948004	B82-1	EPA 300.0	WETA/29020		
35105948005	B79-1	EPA 300.0	WETA/29020		
35105948006	B79-6	EPA 300.0	WETA/29020		
35105948007	B85	EPA 300.0	WETA/29020		
35105948008	B77-1	EPA 300.0	WETA/29020		
35105948009	B86	EPA 300.0	WETA/29020		
35105948010	B81-4	EPA 300.0	WETA/29020		
35105948001	EQ Blank 8/27/13	EPA 350.1	WETA/29045		
35105948002	B76-1	EPA 350.1	WETA/29045		

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Benzene Remediation

Pace Project No.: 35105948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35105948003	B76-1 DUP	EPA 350.1	WETA/29045		
35105948004	B82-1	EPA 350.1	WETA/29045		
35105948005	B79-1	EPA 350.1	WETA/29045		
35105948006	B79-6	EPA 350.1	WETA/29045		
35105948007	B85	EPA 350.1	WETA/29045		
35105948008	B77-1	EPA 350.1	WETA/29045		
35105948009	B86	EPA 350.1	WETA/29045		
35105948010	B81-4	EPA 350.1	WETA/29045		

## REPORT OF LABORATORY ANALYSIS

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Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <b>TOMOKA LAND FILL</b>		SITE LOCATION:	
WELL NO: <b>EQ</b>	SAMPLE ID:		DATE: <b>8-27-13</b>

## PURGING DATA

[illegible]

## SAMPLING DATA

[illegible]

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally:  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $< 20$  NTU; optionally  $+ 5$  NTU or  $\pm 10\%$  (whichever is greater)



Document Name:  
Groundwater Sampling Log  
Document No.:  
F-FL-C-021 rev.00

Document Revised:  
December 03, 2012  
Issuing Authority:  
Pace Florida Quality Office

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <b>TOMOKA LANDFILL</b>		SITE LOCATION:	
WELL NO: <b>B76-1/DUP</b>	SAMPLE ID:	DATE: <b>8-27-13</b>	

**PURGING DATA**

WELL DIAMETER (inches): <b>2</b>	TUBING DIAMETER (inches): <b>1/4</b>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <b>3.70</b>	PURGE PUMP TYPE OR BAILER: <b>PP</b>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = <b>(34.30 feet - 3.70 feet) X 0.16 gallons/foot = 4.896 gallons</b>											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X (TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <b>7.0</b>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <b>6.0</b>	PURGING INITIATED AT: <b>0850</b>	PURGING ENDED AT: <b>0914</b>	TOTAL VOLUME PURGED (gallons): <b>6.00</b>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
<b>0910</b>	<b>5.00</b>	<b>5.00</b>	<b>0.25</b>	<b>4.3</b>	<b>5.24</b>	<b>24.05</b>	<b>1042</b>	<b>1.03</b>	<b>1.49</b>	<b>CLEAR</b>	<b>SUBP</b>
<b>0912</b>	<b>0.50</b>	<b>5.50</b>	<b>↓</b>	<b>↓</b>	<b>5.29</b>	<b>24.00</b>	<b>1099</b>	<b>1.03</b>	<b>1.94</b>	<b>↓</b>	<b>↓</b>
<b>0914</b>	<b>0.50</b>	<b>6.00</b>	<b>↓</b>	<b>↓</b>	<b>5.31</b>	<b>23.95</b>	<b>1085</b>	<b>1.09</b>	<b>2.56</b>	<b>↓</b>	<b>↓</b>
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <b>MARIE GILBERT / PACE</b>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: <b>0916</b>	SAMPLING ENDED AT: <b>0924</b>				
PUMP OR TUBING DEPTH IN WELL (feet): <b>6.0</b>		TUBING MATERIAL CODE: <b>PE-5</b>		FIELD-FILTERED: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	FILTER SIZE: <b>0</b> µm				
FIELD DECONTAMINATION: PUMP <input checked="" type="checkbox"/> N <input type="checkbox"/>		TUBING <input checked="" type="checkbox"/> N (replaced) <input type="checkbox"/>		DUPLICATE: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
REMARKS: <b>ORP -120.5 ORP -124.5 ORP -130.3</b>									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)



Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <u>DMOKA LAND FILL</u>		SITE LOCATION:	
WELL NO: <u>B 82-1</u>	SAMPLE ID:		DATE: <u>8-27-13</u>

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION						SAMPLER(S) SIGNATURE(S)			SAMPLING INITIATED AT:	SAMPLING ENDED AT:
<i>MARC GILBERT/PACE</i>						<i>msh-A</i>			<i>1008</i>	<i>1013</i>
PUMP OR TUBING DEPTH IN WELL (feet):						TUBING MATERIAL CODE:			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/>	FILTER SIZE: _____ µm
PUMP <input checked="" type="radio"/> N TUBING <input checked="" type="radio"/> N (replaced)									Duplicate: Y <input checked="" type="radio"/> N <input type="radio"/>	
Sample Container Specification				Sample Preservation			Intended Analysis And/OR Method	Sampling Equipment Code	Sample Pump Flow Rate (mL per minute)	
Sample ID Code	# Containers	Material Code	VOLUME	Preservative Used	Total Vol Added In Field (mL)	Final pH				
REMARKS: <i>OAP-132.1 OAP-133.2 OAP-133.0</i>										
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)										
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; REPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)										

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)



Document Name:  
Groundwater Sampling Log  
Document No.:  
F-FL-C-021 rev.00

Document Revised:  
December 03, 2012  
Issuing Authority:  
Pace Florida Quality Office

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <u>YOMAHA LANDFILL</u>		SITE LOCATION:	
WELL NO: <u>B79-1</u>	SAMPLE ID:	DATE: <u>8-27-13</u>	

**PURGING DATA**

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <u>9.95</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = ( <u>43.42</u> feet - <u>9.95</u> feet ) X <u>0.16</u> gallons/foot = <u>5.3552</u> gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + ( gallons/foot X feet ) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>13</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>13</u>	PURGING INITIATED AT: <u>1034</u>	PURGING ENDED AT: <u>1100</u>	TOTAL VOLUME PURGED (gallons): <u>6.50</u>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) $\text{mg/L}$ or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
<u>1056</u>	<u>5.50</u>	<u>5.50</u>	<u>0.25</u>	<u>10.73</u>	<u>6.10</u>	<u>22.73</u>	<u>2776</u>	<u>1.14</u>	<u>1.85</u>	<u>Yellow</u>	<u>Surf</u>
<u>1058</u>	<u>0.50</u>	<u>6.00</u>	<u>↓</u>	<u>↓</u>	<u>6.11</u>	<u>22.77</u>	<u>2780</u>	<u>1.20</u>	<u>0.88</u>	<u>↓</u>	<u>↓</u>
<u>1100</u>	<u>0.50</u>	<u>6.50</u>	<u>↓</u>	<u>↓</u>	<u>6.11</u>	<u>22.83</u>	<u>2782</u>	<u>1.20</u>	<u>0.74</u>	<u>↓</u>	<u>↓</u>
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

**SAMPLING DATA**

SAMPLED BY (PRINT) / AFFILIATION: <u>MAARCILBOON / PACE</u>				SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>			SAMPLING INITIATED AT: <u>1101</u>		SAMPLING ENDED AT: <u>1106</u>		
PUMP OR TUBING DEPTH IN WELL (feet): <u>13</u>				TUBING MATERIAL CODE: <u>PE, S</u>			FIELD-FILTERED: Y <u>(N)</u>		FILTER SIZE: _____ $\mu\text{m}$		
FIELD DECONTAMINATION: PUMP <u>(Y)</u> N TUBING <u>(Y)</u> N (replaced)				DUPLICATE: Y <u>(N)</u>							
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
REMARKS: <u>ORP -120.0 ORP -119.2 ORP -119.1</u>											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: JOMOHA LANDFILL		SITE LOCATION:	
WELL NO: B79-6	SAMPLE ID:		DATE: 8-27-13

## PURGING DATA

[illegible]

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT / ACE				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 1144	SAMPLING ENDED AT: 1148	
PUMP OR TUBING DEPTH IN WELL (feet): 12				TUBING MATERIAL CODE: Pe			FIELD-FILTERED: Y <input checked="" type="checkbox"/> Filtration Equipment Type:		FILTER SIZE: _____ µm
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N      TUBING <input checked="" type="radio"/> N (replaced)							DUPLICATE: Y <input checked="" type="radio"/>		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
REMARKS: ORP -122.1    ORP -122.3    ORP -122.2									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; REPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $< 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <i>PRIMA LANDFILL</i>		SITE LOCATION:	
WELL NO: <i>B 85</i>		SAMPLE ID:	DATE: <i>8-27-13</i>

## PURGING DATA

[illegible]

### SAMPLING DATA

[illegible]

## REMARKS:

REMARKS:  
OZP -151.9 OZP-154.9 OZP -153.6

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING EQUIPMENT CODES:** APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;  
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA:** FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE TABLE FS 2200-2):

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <u>DOMOKA LAND FILL</u>		SITE LOCATION:	
WELL NO: <u>377-1</u>	SAMPLE ID:		DATE: <u>8-27-13</u>

## PURGING DATA

[illegible]

**WELL CAPACITY** (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88  
**TUBING INSIDE DIA. CAPACITY** (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

## SAMPLING DATA

[illegible]

REMARKS:

REMARKS: ORP-131.9 ORP-132.4 ORP-133.5

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING EQUIPMENT CODES:** APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;  
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

2. **STABILIZATION CRITERIA:** FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS TO:  $\pm 5\%$   
**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2^\circ\text{C}$  **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2\text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: TOMOKA LANDFILL		SITE LOCATION:	
WELL NO: BBE	SAMPLE ID:	DATE: 8-27-13	

## PURGING DATA

[illegible]

## SAMPLING DATA

[illegible]

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Form FD 9000-24  
**GROUNDWATER SAMPLING LOG**

SITE NAME: <u>TOMOKA LANDFILL</u>		SITE LOCATION:	
WELL NO: <u>B81-4</u>	SAMPLE ID:		DATE: <u>8-27-13</u>

## PURGING DATA

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

## SAMPLING DATA

[illegible]

## REMARKS:

ORP-143.9 ORP-144.2 ORP-145.3 ORP-145.7

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING EQUIPMENT CODES:** APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;  
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

**pH:**  $\pm 0.2$  units **Temperature:**  $\pm 0.2$  °C **Specific Conductance:**  $\pm 5\%$  **Dissolved Oxygen:** all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) **Turbidity:** all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

Sample Condition Upon Receipt Form (SCUR)

Table Number: \_\_\_\_\_

VOLusia COUNTY

Client Name: SOLID WASTE Project # 35105948

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other \_\_\_\_\_

Tracking # \_\_\_\_\_

Custody Seal on Cooler/Box Present: ☐ yes ☐ no    Seals Intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other \_\_\_\_\_

Thermometer Used T-168    Type of Ice: Wet Blue None

Cooler Temperature °C 0-5 (Visual) 0-0 (Correction Factor) 0-5 (Actual)

Date and Initials of person examining contents: 8/27/13 PL

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?

☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC: \_\_\_\_\_

If yes, then all conditions below were met:

If no, then mark box & describe issue (use comments area if necessary):

Chain of Custody Present	<input type="checkbox"/>	
Chain of Custody Filled Out	<input type="checkbox"/>	<u>Rec'd Trip Blank not on COC</u>
Relinquished Signature & Sampler Name COC	<input type="checkbox"/>	
Samples Arrived within Hold Time	<input type="checkbox"/>	
Sufficient Volume	<input type="checkbox"/>	
Correct Containers Used	<input type="checkbox"/>	
Containers Intact	<input type="checkbox"/>	
Sample Labels match COC (sample IDs & date/time of collection)	<input type="checkbox"/>	
	No Labels: <input type="checkbox"/>	No Time/Date on Labels: <input type="checkbox"/>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/>	
No Headspace in VOA Vials (>6mm):	<input type="checkbox"/>	

Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution (use back for additional comments):

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Project Manager Review: \_\_\_\_\_ Date: \_\_\_\_\_

### Finished Product Information Only

F.P. Sample ID: \_\_\_\_\_

Production Code: \_\_\_\_\_

Date/Time Opened: \_\_\_\_\_

Number of Unopened Bottles Remaining: \_\_\_\_\_

#### Size & Qty of Bottles Received

\_\_\_\_\_ x 5 Gal

\_\_\_\_\_ x 2.5 Gal

\_\_\_\_\_ x 1 Gal

\_\_\_\_\_ x 1 Liter

\_\_\_\_\_ x 500 mL

\_\_\_\_\_ x 250 mL

\_\_\_\_\_ x Other: \_\_\_\_\_

Extra Sample in Shed:    Yes    No