Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

February 18, 2014

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

RE: Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on February 10, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

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.

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CERTIFICATIONS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

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
Delaware Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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
South Carolina Certification: #96042001
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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SAMPLE SUMMARY

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35125678001	**EQ Blank 2/10/14**	Water	02/10/14 09:15	02/10/14 16:55
35125678002	**B41-1**	Water	02/10/14 10:15	02/10/14 16:55
35125678003	**B41-1 Dup**	Water	02/10/14 10:15	02/10/14 16:55
35125678004	**B77**	Water	02/10/14 11:21	02/10/14 16:55
35125678005	**B83**	Water	02/10/14 12:32	02/10/14 16:55
35125678006	**B45-1**	Water	02/10/14 13:07	02/10/14 16:55
35125678007	**B45-2**	Water	02/10/14 13:28	02/10/14 16:55
35125678008	**B76-6**	Water	02/10/14 14:14	02/10/14 16:55
35125678009	**B76-1**	Water	02/10/14 14:45	02/10/14 16:55
35125678010	**B82-1**	Water	02/10/14 15:23	02/10/14 16:55
35125678011	**B43-1**	Water	02/10/14 16:04	02/10/14 16:55
35125678012	**Trip Blank 2/10/14**	Water	02/10/14 08:00	02/10/14 16:55

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SAMPLE ANALYTE COUNT

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35125678001	**EQ Blank 2/10/14**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678002	**B41-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678003	**B41-1 Dup**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678004	**B77**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678005	**B83**	EPA 8011	IRL	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678006	**B45-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678007	**B45-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678008	**B76-6**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678009	**B76-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678010	**B82-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678011	**B43-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	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	ADC	1	PASI-O
35125678012	**Trip Blank 2/10/14**	EPA 8260	SK	50	PASI-O

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PROJECT NARRATIVE

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Date: February 18, 2014

The result for nitrate on 35125678007 was qualified as being run past the recommended holding time. The sample was originally run within the holding time but the result was over the calibration range and thus needed diluted and re-run.

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: EQ Blank 2/10/14 **Lab ID: 35125678001** Collected: 02/10/14 09:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	02/11/14 09:30	02/11/14 18:35	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	02/11/14 09:30	02/11/14 18:35	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:30	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:30	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:30	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:30	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:30	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:30	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:30	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 09:30	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:30	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:30	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 09:30	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:30	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:30	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:30	7440-62-2	
Zinc	**23.1**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 09:30	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 21:56	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 21:56	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 10:45	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 02:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 02:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/15/14 02:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 02:10	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 02:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 02:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 02:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 02:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: EQ Blank 2/10/14 **Lab ID: 35125678001** Collected: 02/10/14 09:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 02:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 02:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 02:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 02:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 02:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 02:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 02:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 02:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 02:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 02:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		02/15/14 02:10	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	86-125		1		02/15/14 02:10	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		02/15/14 02:10	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		02/15/14 15:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/11/14 17:08	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		02/11/14 17:08	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/11/14 17:08	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		02/14/14 14:11	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B41-1 **Lab ID: 35125678002** Collected: 02/10/14 10:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.30**	Std. Units			1		02/10/14 10:15		
Field Temperature	**21.30**	deg C			1		02/10/14 10:15		
Appearance	**Color: yellow, Sheen: none**				1		02/10/14 10:15		
Field Specific Conductance	**1946**	umhos/cm			1		02/10/14 10:15		
Oxygen, Dissolved	**0.70**	mg/L			1		02/10/14 10:15	7782-44-7	
REDOX	**-64.0**	mV			1		02/10/14 10:15		
Turbidity	**2.75**	NTU			1		02/10/14 10:15		
Depth to Water	**9.00**	feet			1		02/10/14 10:15		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.022	0.0053	1	02/11/14 09:30	02/11/14 18:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	02/11/14 09:30	02/11/14 18:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:45	7440-38-2	
Barium	**316**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:45	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:45	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:45	7440-43-9	
Chromium	**5.0 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:45	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:45	7440-48-4	
Copper	**2.7 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:45	7440-50-8	
Iron	**18100**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 09:45	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:45	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:45	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 09:45	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:45	7440-22-4	
Sodium	**145**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:45	7440-23-5	
Vanadium	**8.6 I**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:45	7440-62-2	
Zinc	**23.1**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 09:45	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 21:59	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 21:59	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 10:47	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 06:30	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:30	107-13-1	
Benzene	**0.53 I**	ug/L	1.0	0.10	1		02/15/14 06:30	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 06:30	75-27-4	

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B41-1 **Lab ID: 35125678002** Collected: 02/10/14 10:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:30	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:30	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	56-23-5	
Chlorobenzene	**4.5**	ug/L	1.0	0.50	1		02/15/14 06:30	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 06:30	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 06:30	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:30	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 06:30	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 06:30	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:30	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 06:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:30	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 06:30	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 06:30	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 06:30	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:30	75-01-4	
Xylene (Total)	**0.59 I**	ug/L	1.0	0.50	1		02/15/14 06:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		02/15/14 06:30	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		02/15/14 06:30	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/15/14 06:30	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B41-1 **Lab ID: 35125678002** Collected: 02/10/14 10:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1180**	mg/L	10.0	10.0	1		02/15/14 15:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/11/14 18:24	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**141**	mg/L	25.0	12.5	5		02/11/14 18:24	16887-00-6	
Sulfate	**96.8**	mg/L	25.0	12.5	5		02/11/14 18:24	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**52.7**	mg/L	0.50	0.20	10		02/14/14 14:27	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B41-1 Dup **Lab ID: 35125678003** Collected: 02/10/14 10:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.30**	Std. Units			1		02/10/14 10:15		
Field Temperature	**21.30**	deg C			1		02/10/14 10:15		
Appearance	**Color: yellow, Sheen: none**				1		02/10/14 10:15		
Field Specific Conductance	**1946**	umhos/cm			1		02/10/14 10:15		
Oxygen, Dissolved	**0.70**	mg/L			1		02/10/14 10:15	7782-44-7	
REDOX	**-64.0**	mV			1		02/10/14 10:15		
Turbidity	**2.75**	NTU			1		02/10/14 10:15		
Depth to Water	**9.00**	feet			1		02/10/14 10:15		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	02/11/14 09:30	02/11/14 19:35	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/11/14 09:30	02/11/14 19:35	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:48	7440-38-2	
Barium	**311**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:48	7440-43-9	
Chromium	**5.0**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:48	7440-48-4	
Copper	**10.5**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:48	7440-50-8	
Iron	**17700**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 09:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 09:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:48	7440-22-4	
Sodium	**142**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:48	7440-23-5	
Vanadium	**8.4 I**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:48	7440-62-2	
Zinc	**36.7**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 09:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:02	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:02	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 10:49	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 06:56	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:56	107-13-1	
Benzene	**0.51 I**	ug/L	1.0	0.10	1		02/15/14 06:56	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 06:56	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B41-1 Dup **Lab ID: 35125678003** Collected: 02/10/14 10:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:56	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:56	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	56-23-5	
Chlorobenzene	**4.3**	ug/L	1.0	0.50	1		02/15/14 06:56	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 06:56	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 06:56	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:56	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 06:56	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 06:56	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:56	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 06:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 06:56	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 06:56	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 06:56	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 06:56	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 06:56	75-01-4	
Xylene (Total)	**0.56 I**	ug/L	1.0	0.50	1		02/15/14 06:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/15/14 06:56	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		02/15/14 06:56	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/15/14 06:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B41-1 Dup **Lab ID: 35125678003** Collected: 02/10/14 10:15 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1160**	mg/L	10.0	10.0	1		02/15/14 15:40		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/11/14 18:42	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**144**	mg/L	25.0	12.5	5		02/11/14 18:42	16887-00-6	
Sulfate	**88.1**	mg/L	25.0	12.5	5		02/11/14 18:42	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**53.3**	mg/L	0.50	0.20	10		02/14/14 14:28	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B77 **Lab ID: 35125678004** Collected: 02/10/14 11:21 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.11**	Std. Units			1		02/10/14 11:21		
Field Temperature	**21.73**	deg C			1		02/10/14 11:21		
Appearance	**Color: none, Sheen: none**				1		02/10/14 11:21		
Field Specific Conductance	**1795**	umhos/cm			1		02/10/14 11:21		
Oxygen, Dissolved	**0.55**	mg/L			1		02/10/14 11:21	7782-44-7	
REDOX	**-60.6**	mV			1		02/10/14 11:21		
Turbidity	**2.71**	NTU			1		02/10/14 11:21		
Depth to Water	**11.60**	feet			1		02/10/14 11:21		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	02/11/14 09:30	02/11/14 19:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/11/14 09:30	02/11/14 19:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:52	7440-38-2	
Barium	**116**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:52	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:52	7440-48-4	
Copper	**4.5 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:52	7440-50-8	
Iron	**35600**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 09:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:52	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 09:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:52	7440-22-4	
Sodium	**142**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:52	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:52	7440-62-2	
Zinc	**24.6**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 09:52	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 10:56	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 07:22	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:22	107-13-1	
Benzene	**6.1**	ug/L	1.0	0.10	1		02/15/14 07:22	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 07:22	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B77 **Lab ID: 35125678004** Collected: 02/10/14 11:21 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:22	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:22	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	56-23-5	
Chlorobenzene	**1.9**	ug/L	1.0	0.50	1		02/15/14 07:22	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 07:22	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 07:22	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:22	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 07:22	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 07:22	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:22	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 07:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:22	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 07:22	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	127-18-4	
Toluene	**0.84 I**	ug/L	1.0	0.50	1		02/15/14 07:22	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 07:22	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 07:22	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:22	75-01-4	
Xylene (Total)	**4.3**	ug/L	1.0	0.50	1		02/15/14 07:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/15/14 07:22	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		02/15/14 07:22	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/15/14 07:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B77 **Lab ID: 35125678004** Collected: 02/10/14 11:21 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1240**	mg/L	10.0	10.0	1		02/15/14 15:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/11/14 20:55	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**257**	mg/L	25.0	12.5	5		02/11/14 20:55	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		02/11/14 20:55	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.091**	mg/L	0.050	0.020	1		02/14/14 14:14	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B83 **Lab ID: 35125678005** Collected: 02/10/14 12:32 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.96**	Std. Units			1		02/10/14 12:32		
Field Temperature	**22.76**	deg C			1		02/10/14 12:32		
Appearance	**Color: none, Sheen: none**				1		02/10/14 12:32		
Field Specific Conductance	**584**	umhos/cm			1		02/10/14 12:32		
Oxygen, Dissolved	**0.15**	mg/L			1		02/10/14 12:32	7782-44-7	
REDOX	**-33.0**	mV			1		02/10/14 12:32		
Turbidity	**0.21**	NTU			1		02/10/14 12:32		
Depth to Water	**14.60**	feet			1		02/10/14 12:32		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	02/11/14 09:30	02/11/14 20:05	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/11/14 09:30	02/11/14 20:05	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:56	7440-38-2	
Barium	**19.6**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:56	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:56	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:56	7440-50-8	
Iron	**30.5 I**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 09:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 09:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 09:56	7440-22-4	
Sodium	**17.1**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 09:56	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 09:56	7440-62-2	
Zinc	**24.2**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 09:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:09	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:09	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 10:58	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 07:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/15/14 07:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 07:47	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B83 **Lab ID: 35125678005** Collected: 02/10/14 12:32 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 07:47	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 07:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 07:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 07:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 07:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 07:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 07:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 07:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 07:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 07:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/15/14 07:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		02/15/14 07:47	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		02/15/14 07:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B83 **Lab ID: 35125678005** Collected: 02/10/14 12:32 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**364**	mg/L	5.0	5.0	1		02/15/14 15:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/11/14 21:52	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**19.7**	mg/L	5.0	2.5	1		02/11/14 21:52	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/11/14 21:52	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.29**	mg/L	0.050	0.020	1		02/14/14 14:15	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B45-1 **Lab ID: 35125678006** Collected: 02/10/14 13:07 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.06**	Std. Units			1		02/10/14 13:07		
Field Temperature	**21.35**	deg C			1		02/10/14 13:07		
Appearance	**Color: yellow, Sheen: none**				1		02/10/14 13:07		
Field Specific Conductance	**1520**	umhos/cm			1		02/10/14 13:07		
Oxygen, Dissolved	**0.42**	mg/L			1		02/10/14 13:07	7782-44-7	
REDOX	**-53.2**	mV			1		02/10/14 13:07		
Turbidity	**1.86**	NTU			1		02/10/14 13:07		
Depth to Water	**6.00**	feet			1		02/10/14 13:07		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	02/11/14 09:30	02/11/14 20:20	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/11/14 09:30	02/11/14 20:20	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.3 I**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:00	7440-38-2	
Barium	**156**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:00	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:00	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:00	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:00	7440-48-4	
Copper	**4.9 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:00	7440-50-8	
Iron	**45300**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 10:00	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:00	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:00	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 10:00	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:00	7440-22-4	
Sodium	**229**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:00	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:00	7440-62-2	
Zinc	**21.2**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 10:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:12	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:12	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 11:00	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 08:13	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:13	107-13-1	
Benzene	**11.3**	ug/L	1.0	0.10	1		02/15/14 08:13	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 08:13	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B45-1 **Lab ID: 35125678006** Collected: 02/10/14 13:07 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:13	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:13	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	56-23-5	
Chlorobenzene	**6.0**	ug/L	1.0	0.50	1		02/15/14 08:13	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 08:13	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 08:13	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:13	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 08:13	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 08:13	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:13	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 08:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:13	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 08:13	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 08:13	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 08:13	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:13	75-01-4	
Xylene (Total)	**3.0**	ug/L	1.0	0.50	1		02/15/14 08:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/15/14 08:13	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		02/15/14 08:13	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		02/15/14 08:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B45-1 **Lab ID: 35125678006** Collected: 02/10/14 13:07 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**924**	mg/L	10.0	10.0	1		02/15/14 15:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/11/14 23:26	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**170**	mg/L	25.0	12.5	5		02/11/14 23:26	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/16/14 04:31	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.037 I**	mg/L	0.050	0.020	1		02/14/14 14:16	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B45-2 **Lab ID: 35125678007** Collected: 02/10/14 13:28 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.82**	Std. Units			1		02/10/14 13:28		
Field Temperature	**19.20**	deg C			1		02/10/14 13:28		
Appearance	**Color: none, Sheen: none**				1		02/10/14 13:28		
Field Specific Conductance	**1151**	umhos/cm			1		02/10/14 13:28		
Oxygen, Dissolved	**0.26**	mg/L			1		02/10/14 13:28	7782-44-7	
REDOX	**22.0**	mV			1		02/10/14 13:28		
Turbidity	**4.62**	NTU			1		02/10/14 13:28		
Depth to Water	**5.90**	feet			1		02/10/14 13:28		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.021	0.0053	1	02/11/14 09:30	02/11/14 20:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	02/11/14 09:30	02/11/14 20:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:03	7440-38-2	
Barium	**104**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:03	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:03	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:03	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:03	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:03	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:03	7440-50-8	
Iron	**536**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 10:03	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:03	7439-92-1	
Nickel	**2.7 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:03	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 10:03	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:03	7440-22-4	
Sodium	**55.8**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:03	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:03	7440-62-2	
Zinc	**22.5**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 10:03	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 11:02	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 08:39	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:39	107-13-1	
Benzene	**0.11 I**	ug/L	1.0	0.10	1		02/15/14 08:39	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 08:39	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B45-2 **Lab ID: 35125678007** Collected: 02/10/14 13:28 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:39	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:39	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 08:39	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 08:39	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:39	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 08:39	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 08:39	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:39	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 08:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 08:39	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 08:39	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 08:39	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 08:39	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 08:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/15/14 08:39	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		02/15/14 08:39	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/15/14 08:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B45-2 **Lab ID: 35125678007** Collected: 02/10/14 13:28 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1050**	mg/L	10.0	10.0	1		02/15/14 15:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**112**	mg/L	1.0	0.86	20		02/13/14 11:46	14797-55-8	Q
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**53.8**	mg/L	10.0	5.0	2		02/12/14 01:38	16887-00-6	
Sulfate	**39.9**	mg/L	10.0	5.0	2		02/12/14 01:38	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		02/14/14 14:19	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B76-6 **Lab ID: 35125678008** Collected: 02/10/14 14:14 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.14**	Std. Units			1		02/10/14 14:14		
Field Temperature	**21.76**	deg C			1		02/10/14 14:14		
Appearance	**Color: yellow, sheen: none**				1		02/10/14 14:14		
Field Specific Conductance	**1726**	umhos/cm			1		02/10/14 14:14		
Oxygen, Dissolved	**0.44**	mg/L			1		02/10/14 14:14	7782-44-7	
REDOX	**-55.7**	mV			1		02/10/14 14:14		
Turbidity	**1.37**	NTU			1		02/10/14 14:14		
Depth to Water	**8.00**	feet			1		02/10/14 14:14		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	02/11/14 09:30	02/11/14 21:04	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	02/11/14 09:30	02/11/14 21:04	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:07	7440-38-2	
Barium	**112**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:07	7440-48-4	
Copper	**4.0 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:07	7440-50-8	
Iron	**32600**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 10:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 10:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:07	7440-22-4	
Sodium	**120**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:07	7440-62-2	
Zinc	**23.8**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 10:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:19	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:19	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 11:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 09:05	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 09:05	107-13-1	
Benzene	**13.3**	ug/L	1.0	0.10	1		02/15/14 09:05	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 09:05	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B76-6 **Lab ID: 35125678008** Collected: 02/10/14 14:14 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 09:05	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 09:05	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	56-23-5	
Chlorobenzene	**2.9**	ug/L	1.0	0.50	1		02/15/14 09:05	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 09:05	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 09:05	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 09:05	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 09:05	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 09:05	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 09:05	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 09:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 09:05	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 09:05	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 09:05	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 09:05	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 09:05	75-01-4	
Xylene (Total)	**2.1**	ug/L	1.0	0.50	1		02/15/14 09:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		02/15/14 09:05	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		02/15/14 09:05	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/15/14 09:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B76-6 **Lab ID: 35125678008** Collected: 02/10/14 14:14 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1250**	mg/L	10.0	10.0	1		02/15/14 15:42		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/12/14 03:51	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**265**	mg/L	25.0	12.5	5		02/12/14 03:51	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		02/12/14 03:51	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.077**	mg/L	0.050	0.020	1		02/14/14 14:20	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B76-1 **Lab ID: 35125678009** Collected: 02/10/14 14:45 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.43**	Std. Units			1		02/10/14 14:45		
Field Temperature	**21.74**	deg C			1		02/10/14 14:45		
Appearance	**Color: none, Sheen: none**				1		02/10/14 14:45		
Field Specific Conductance	**1024**	umhos/cm			1		02/10/14 14:45		
Oxygen, Dissolved	**0.41**	mg/L			1		02/10/14 14:45	7782-44-7	
REDOX	**-25.4**	mV			1		02/10/14 14:45		
Turbidity	**2.13**	NTU			1		02/10/14 14:45		
Depth to Water	**3.30**	feet			1		02/10/14 14:45		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	02/11/14 09:30	02/11/14 21:19	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	02/11/14 09:30	02/11/14 21:19	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:11	7440-38-2	
Barium	**127**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:11	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:11	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:11	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:11	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:11	7440-48-4	
Copper	**5.3**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:11	7440-50-8	
Iron	**41900**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 10:11	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:11	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:11	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 10:11	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:11	7440-22-4	
Sodium	**80.7**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:11	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:11	7440-62-2	
Zinc	**25.3**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 10:11	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:32	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:32	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 11:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 17:28	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:28	107-13-1	
Benzene	**15.3**	ug/L	1.0	0.10	1		02/15/14 17:28	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 17:28	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B76-1 **Lab ID: 35125678009** Collected: 02/10/14 14:45 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:28	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:28	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	56-23-5	
Chlorobenzene	**2.9**	ug/L	1.0	0.50	1		02/15/14 17:28	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 17:28	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 17:28	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:28	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	75-35-4	
cis-1,2-Dichloroethene	**0.87 I**	ug/L	1.0	0.50	1		02/15/14 17:28	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 17:28	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 17:28	10061-02-6	
Ethylbenzene	**0.60 I**	ug/L	1.0	0.50	1		02/15/14 17:28	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:28	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:28	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 17:28	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	127-18-4	
Toluene	**0.56 I**	ug/L	1.0	0.50	1		02/15/14 17:28	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 17:28	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 17:28	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:28	75-01-4	
Xylene (Total)	**2.7**	ug/L	1.0	0.50	1		02/15/14 17:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/15/14 17:28	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/15/14 17:28	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/15/14 17:28	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B76-1 **Lab ID: 35125678009** Collected: 02/10/14 14:45 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**844**	mg/L	10.0	10.0	1		02/15/14 15:42		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		02/12/14 04:10	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**258**	mg/L	50.0	25.0	10		02/16/14 04:50	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/16/14 05:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.072**	mg/L	0.050	0.020	1		02/14/14 14:21	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B82-1 **Lab ID: 35125678010** Collected: 02/10/14 15:23 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.22**	Std. Units			1		02/10/14 15:23		
Field Temperature	**23.10**	deg C			1		02/10/14 15:23		
Appearance	**Color: yellow, Sheen: none**				1		02/10/14 15:23		
Field Specific Conductance	**359**	umhos/cm			1		02/10/14 15:23		
Oxygen, Dissolved	**1.20**	mg/L			1		02/10/14 15:23	7782-44-7	
REDOX	**-25.8**	mV			1		02/10/14 15:23		
Turbidity	**10.27**	NTU			1		02/10/14 15:23		
Depth to Water	**6.70**	feet			1		02/10/14 15:23		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	02/11/14 09:30	02/11/14 21:34	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	02/11/14 09:30	02/11/14 21:34	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:14	7440-38-2	
Barium	**38.5**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:14	7440-50-8	
Iron	**8600**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 10:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 10:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:14	7440-22-4	
Sodium	**13.6**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:14	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:14	7440-62-2	
Zinc	**22.0**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 10:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 11:09	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 17:54	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:54	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/15/14 17:54	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 17:54	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B82-1 **Lab ID: 35125678010** Collected: 02/10/14 15:23 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:54	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:54	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 17:54	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 17:54	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:54	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 17:54	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 17:54	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:54	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 17:54	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 17:54	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 17:54	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 17:54	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 17:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/15/14 17:54	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/15/14 17:54	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/15/14 17:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B82-1 **Lab ID: 35125678010** Collected: 02/10/14 15:23 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**263**	mg/L	5.0	5.0	1		02/15/14 15:42		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 04:29	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**34.0**	mg/L	5.0	2.5	1		02/12/14 04:29	16887-00-6	
Sulfate	**27.5**	mg/L	5.0	2.5	1		02/12/14 04:29	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.070**	mg/L	0.050	0.020	1		02/14/14 14:22	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B43-1 **Lab ID: 35125678011** Collected: 02/10/14 16:04 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.02**	Std. Units			1		02/10/14 16:04		
Field Temperature	**20.80**	deg C			1		02/10/14 16:04		
Appearance	**Color: none, Sheen: none**				1		02/10/14 16:04		
Field Specific Conductance	**761**	umhos/cm			1		02/10/14 16:04		
Oxygen, Dissolved	**0.40**	mg/L			1		02/10/14 16:04	7782-44-7	
REDOX	**-30.1**	mV			1		02/10/14 16:04		
Turbidity	**4.10**	NTU			1		02/10/14 16:04		
Depth to Water	**5.10**	feet			1		02/10/14 16:04		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.022	0.0053	1	02/11/14 09:30	02/11/14 21:49	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	02/11/14 09:30	02/11/14 21:49	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:18	7440-38-2	
Barium	**170**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:18	7440-48-4	
Copper	**4.1 I**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:18	7440-50-8	
Iron	**28500**	ug/L	40.0	20.0	1	02/11/14 16:53	02/13/14 10:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:18	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/11/14 16:53	02/13/14 10:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/11/14 16:53	02/13/14 10:18	7440-22-4	
Sodium	**79.5**	mg/L	1.0	0.50	1	02/11/14 16:53	02/13/14 10:18	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/11/14 16:53	02/13/14 10:18	7440-62-2	
Zinc	**22.5**	ug/L	20.0	10.0	1	02/11/14 16:53	02/13/14 10:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:48	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/11/14 16:53	02/14/14 22:48	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/12/14 09:52	02/13/14 11:11	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 18:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 18:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/15/14 18:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 18:47	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B43-1 **Lab ID: 35125678011** Collected: 02/10/14 16:04 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 18:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 18:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	56-23-5	
Chlorobenzene	**1.2**	ug/L	1.0	0.50	1		02/15/14 18:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 18:47	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 18:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 18:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 18:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 18:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 18:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 18:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 18:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 18:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 18:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 18:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 18:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/15/14 18:47	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		02/15/14 18:47	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		02/15/14 18:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: B43-1 **Lab ID: 35125678011** Collected: 02/10/14 16:04 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**440**	mg/L	5.0	5.0	1		02/15/14 15:42		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 03:26	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**94.3**	mg/L	5.0	2.5	1		02/12/14 03:26	16887-00-6	
Sulfate	**41.5**	mg/L	5.0	2.5	1		02/12/14 03:26	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.7**	mg/L	0.050	0.020	1		02/14/14 14:23	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: Trip Blank 2/10/14 **Lab ID: 35125678012** Collected: 02/10/14 08:00 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/15/14 13:58	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/15/14 13:58	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/15/14 13:58	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/15/14 13:58	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 13:58	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/15/14 13:58	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/15/14 13:58	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		02/15/14 13:58	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/15/14 13:58	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/15/14 13:58	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 13:58	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/15/14 13:58	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/15/14 13:58	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/15/14 13:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/15/14 13:58	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/15/14 13:58	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/15/14 13:58	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/15/14 13:58	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Sample: Trip Blank 2/10/14 **Lab ID: 35125678012** Collected: 02/10/14 08:00 Received: 02/10/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/15/14 13:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/15/14 13:58	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		02/15/14 13:58	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		02/15/14 13:58	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: MERP/4423 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

METHOD BLANK: 828283 | Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	02/13/14 10:30	

LABORATORY CONTROL SAMPLE: 828284

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828285 828286

Parameter	Units	35125801001 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	2.0	2.0	102	102	80-120	0	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: MPRP/17016 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

METHOD BLANK: 827788 Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	02/13/14 08:56	
Barium	ug/L	5.0U	10.0	02/13/14 08:56	
Beryllium	ug/L	0.50U	1.0	02/13/14 08:56	
Cadmium	ug/L	0.50U	1.0	02/13/14 08:56	
Chromium	ug/L	2.5U	5.0	02/13/14 08:56	
Cobalt	ug/L	5.0U	10.0	02/13/14 08:56	
Copper	ug/L	2.5U	5.0	02/13/14 08:56	
Iron	ug/L	20.0U	40.0	02/13/14 08:56	
Lead	ug/L	5.0U	10.0	02/13/14 08:56	
Nickel	ug/L	2.5U	5.0	02/13/14 08:56	
Selenium	ug/L	7.5U	15.0	02/13/14 08:56	
Silver	ug/L	2.5U	5.0	02/13/14 08:56	
Sodium	mg/L	0.50U	1.0	02/13/14 08:56	
Vanadium	ug/L	5.0U	10.0	02/13/14 08:56	
Zinc	ug/L	10.0U	20.0	02/13/14 08:56	

LABORATORY CONTROL SAMPLE: 827789

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	250	100	80-120	
Barium	ug/L	250	266	106	80-120	
Beryllium	ug/L	25	25.5	102	80-120	
Cadmium	ug/L	25	25.9	104	80-120	
Chromium	ug/L	250	262	105	80-120	
Cobalt	ug/L	250	260	104	80-120	
Copper	ug/L	250	254	101	80-120	
Iron	ug/L	2500	2680	107	80-120	
Lead	ug/L	250	261	104	80-120	
Nickel	ug/L	250	263	105	80-120	
Selenium	ug/L	250	256	102	80-120	
Silver	ug/L	25	25.2	101	80-120	
Sodium	mg/L	12.5	13.1	104	80-120	
Vanadium	ug/L	250	255	102	80-120	
Zinc	ug/L	1250	1270	102	80-120	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827790 827791

Parameter	Units	35125641001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	25.0	250	250	309	303	113	111	75-125	2	20	
Barium	ug/L	136	250	250	415	410	111	109	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	25.2	25.5	101	102	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	23.4	23.2	93	93	75-125	.8	20	
Chromium	ug/L	2.5U	250	250	258	256	103	102	75-125	.7	20	
Cobalt	ug/L	5.0U	250	250	245	245	98	98	75-125	.08	20	
Copper	ug/L	2.5U	250	250	299	295	119	117	75-125	1	20	
Iron	ug/L	835	2500	2500	3500	3440	107	104	75-125	2	20	
Lead	ug/L	5.0U	250	250	234	233	93	93	75-125	.3	20	
Nickel	ug/L	2.5U	250	250	240	239	96	96	75-125	.08	20	
Selenium	ug/L	7.5U	250	250	279	276	111	110	75-125	1	20	
Silver	ug/L	2.5U	25	25	30.6	30.4	122	121	75-125	.6	20	
Sodium	mg/L	3280	12.5	12.5	3160	3180	-960	-800	75-125	.6	20	M6
Vanadium	ug/L	5.0 I	250	250	270	267	106	105	75-125	1	20	
Zinc	ug/L	10.0U	1250	1250	1420	1420	113	113	75-125	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: MPRP/17017 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

METHOD BLANK: 827792 Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	02/14/14 21:50	
Thallium	ug/L	0.50U	1.0	02/14/14 21:50	

LABORATORY CONTROL SAMPLE: 827793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.8	98	80-120	
Thallium	ug/L	50	50.7	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827794 827795

Parameter	Units	35125678011 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	47.4	48.3	95	96	75-125	2	20	
Thallium	ug/L	0.50U	50	50	51.6	51.9	103	104	75-125	.6	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: MSV/10851 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008

METHOD BLANK: 831195 Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	02/15/14 00:25	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	02/15/14 00:25	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	02/15/14 00:25	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	02/15/14 00:25	
1,1-Dichloroethane	ug/L	0.50U	1.0	02/15/14 00:25	
1,1-Dichloroethene	ug/L	0.50U	1.0	02/15/14 00:25	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	02/15/14 00:25	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	02/15/14 00:25	
1,2-Dichloroethane	ug/L	0.50U	1.0	02/15/14 00:25	
1,2-Dichloropropane	ug/L	0.50U	1.0	02/15/14 00:25	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	02/15/14 00:25	
2-Butanone (MEK)	ug/L	5.0U	10.0	02/15/14 00:25	
2-Hexanone	ug/L	5.0U	10.0	02/15/14 00:25	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	02/15/14 00:25	
Acetone	ug/L	10.0U	20.0	02/15/14 00:25	
Acrylonitrile	ug/L	5.0U	10.0	02/15/14 00:25	
Benzene	ug/L	0.10U	1.0	02/15/14 00:25	
Bromochloromethane	ug/L	0.50U	1.0	02/15/14 00:25	
Bromodichloromethane	ug/L	0.27U	0.60	02/15/14 00:25	
Bromoform	ug/L	0.50U	1.0	02/15/14 00:25	
Bromomethane	ug/L	0.50U	1.0	02/15/14 00:25	
Carbon disulfide	ug/L	5.0U	10.0	02/15/14 00:25	
Carbon tetrachloride	ug/L	0.50U	1.0	02/15/14 00:25	
Chlorobenzene	ug/L	0.50U	1.0	02/15/14 00:25	
Chloroethane	ug/L	0.50U	1.0	02/15/14 00:25	
Chloroform	ug/L	0.50U	1.0	02/15/14 00:25	
Chloromethane	ug/L	0.62U	1.0	02/15/14 00:25	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	02/15/14 00:25	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	02/15/14 00:25	
Dibromochloromethane	ug/L	0.26U	0.50	02/15/14 00:25	
Dibromomethane	ug/L	0.50U	1.0	02/15/14 00:25	
Ethylbenzene	ug/L	0.50U	1.0	02/15/14 00:25	
Iodomethane	ug/L	0.50U	1.0	02/15/14 00:25	
Methylene Chloride	ug/L	2.5U	5.0	02/15/14 00:25	
Styrene	ug/L	0.50U	1.0	02/15/14 00:25	
Tetrachloroethene	ug/L	0.50U	1.0	02/15/14 00:25	
Toluene	ug/L	0.50U	1.0	02/15/14 00:25	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	02/15/14 00:25	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	02/15/14 00:25	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	02/15/14 00:25	
Trichloroethene	ug/L	0.50U	1.0	02/15/14 00:25	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

METHOD BLANK: 831195 Matrix: Water

Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	02/15/14 00:25	
Vinyl acetate	ug/L	1.0U	2.0	02/15/14 00:25	
Vinyl chloride	ug/L	0.50U	1.0	02/15/14 00:25	
Xylene (Total)	ug/L	0.50U	1.0	02/15/14 00:25	
1,2-Dichloroethane-d4 (S)	%	110	86-125	02/15/14 00:25	
4-Bromofluorobenzene (S)	%	89	70-114	02/15/14 00:25	
Toluene-d8 (S)	%	100	87-113	02/15/14 00:25	

LABORATORY CONTROL SAMPLE: 831196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.2	101	70-130	
1,1,1-Trichloroethane	ug/L	20	22.7	114	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.5	107	70-130	
1,1,2-Trichloroethane	ug/L	20	20.1	100	70-130	
1,1-Dichloroethane	ug/L	20	21.6	108	70-130	
1,1-Dichloroethene	ug/L	20	20.7	104	70-130	
1,2,3-Trichloropropane	ug/L	20	19.5	98	70-130	
1,2-Dichlorobenzene	ug/L	20	19.8	99	70-130	
1,2-Dichloroethane	ug/L	20	22.8	114	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,4-Dichlorobenzene	ug/L	20	20.6	103	70-130	
2-Butanone (MEK)	ug/L	40	45.8	115	55-167	
2-Hexanone	ug/L	40	43.9	110	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	43.0	107	70-130	
Acetone	ug/L	40	41.6	104	40-150	
Acrylonitrile	ug/L	200	233	116	70-130	
Benzene	ug/L	20	21.8	109	70-130	
Bromochloromethane	ug/L	20	16.1	80	70-130	
Bromodichloromethane	ug/L	20	20.9	105	70-130	
Bromoform	ug/L	20	16.7	84	68-130	
Bromomethane	ug/L	20	14.8	74	38-179	
Carbon disulfide	ug/L	20	18.8	94	51-155	
Carbon tetrachloride	ug/L	20	19.3	97	70-130	
Chlorobenzene	ug/L	20	20.6	103	70-130	
Chloroethane	ug/L	20	19.7	99	59-149	
Chloroform	ug/L	20	21.4	107	70-130	
Chloromethane	ug/L	20	15.4	77	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.5	108	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.3	101	70-130	
Dibromochloromethane	ug/L	20	19.1	95	70-130	
Dibromomethane	ug/L	20	20.2	101	70-130	
Ethylbenzene	ug/L	20	21.7	109	70-130	
Iodomethane	ug/L	40	21.9	55	43-160	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

LABORATORY CONTROL SAMPLE: 831196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	19.5	98	70-130	
Styrene	ug/L	20	20.9	104	70-130	
Tetrachloroethene	ug/L	20	18.5	93	66-133	
Toluene	ug/L	20	20.9	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.5	98	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.2	71	65-130	
Trichloroethene	ug/L	20	21.3	106	70-130	
Trichlorofluoromethane	ug/L	20	19.3	97	70-131	
Vinyl acetate	ug/L	40	45.3	113	69-135	
Vinyl chloride	ug/L	20	19.3	96	69-140	
Xylene (Total)	ug/L	60	64.6	108	70-130	
1,2-Dichloroethane-d4 (S)	%			117	86-125	
4-Bromofluorobenzene (S)	%			95	70-114	
Toluene-d8 (S)	%			101	87-113	

MATRIX SPIKE SAMPLE: 832199

Parameter	Units	35125547014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.5	102	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	24.8	124	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	22.9	115	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.6	103	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	23.3	116	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	23.9	119	45-155	
1,2,3-Trichloropropane	ug/L	0.36U	20	20.2	101	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.8	99	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	23.2	116	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	22.2	111	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	20.8	103	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	37.9	95	48-138	
2-Hexanone	ug/L	5.0U	40	43.6	109	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	41.7	104	28-143	
Acetone	ug/L	10.0U	40	32.3	75	20-140	
Acrylonitrile	ug/L	5.0U	200	204	102	46-130	
Benzene	ug/L	0.10U	20	22.9	115	53-132	
Bromochloromethane	ug/L	0.50U	20	16.7	84	54-132	
Bromodichloromethane	ug/L	0.27U	20	21.5	107	46-130	
Bromoform	ug/L	0.50U	20	16.3	81	32-130	
Bromomethane	ug/L	0.50U	20	14.1	71	20-152	
Carbon disulfide	ug/L	5.0U	20	20.1	101	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.8	104	37-137	
Chlorobenzene	ug/L	0.50U	20	21.5	108	46-130	
Chloroethane	ug/L	0.50U	20	22.0	110	48-159	
Chloroform	ug/L	1.1	20	24.6	117	51-130	
Chloromethane	ug/L	0.62U	20	18.2	91	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	22.6	113	54-130	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

MATRIX SPIKE SAMPLE: 832199

Parameter	Units	35125547014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.3	102	45-130	
Dibromochloromethane	ug/L	0.26U	20	19.0	95	43-130	
Dibromomethane	ug/L	0.50U	20	20.9	105	50-130	
Ethylbenzene	ug/L	0.50U	20	22.8	114	43-130	
Iodomethane	ug/L	0.50U	40	17.6	44	20-169	
Methylene Chloride	ug/L	2.5U	20	20.5	102	51-135	
Styrene	ug/L	0.50U	20	21.1	106	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.1	90	26-130	
Toluene	ug/L	0.50U	20	22.0	110	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.8	109	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.6	98	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	14.0	70	20-139	
Trichloroethene	ug/L	0.50U	20	23.2	116	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	22.7	113	46-146	
Vinyl acetate	ug/L	1.0U	40	30.8	77	20-165	
Vinyl chloride	ug/L	0.50U	20	21.2	106	57-142	
Xylene (Total)	ug/L	0.50U	60	66.8	111	42-130	
1,2-Dichloroethane-d4 (S)	%				111	86-125	
4-Bromofluorobenzene (S)	%				93	70-114	
Toluene-d8 (S)	%				103	87-113	

SAMPLE DUPLICATE: 832198

Parameter	Units	35125547013 Result	Dup Result	RPD	Max 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	4.0	4.2	4	40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.36U	0.36U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.53 I		40	
1,2-Dichloropropane	ug/L	1.0	1.1	7	40	
1,4-Dichlorobenzene	ug/L	2.5	2.7	5	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	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	3.2	3.4	7	40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
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	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

SAMPLE DUPLICATE: 832198

Parameter	Units	35125547013 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorobenzene	ug/L	2.6	2.6	2	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	6.3	6.3	1	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	0.75 I	0.69 I		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	0.60 I	0.62 I		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	19.7	21.3	8	40	
Xylene (Total)	ug/L	0.77 I	0.80 I		40	
1,2-Dichloroethane-d4 (S)	%	109	110	.6		
4-Bromofluorobenzene (S)	%	91	91	.3		
Toluene-d8 (S)	%	101	102	1		

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: MSV/10861 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35125678009, 35125678010, 35125678011, 35125678012

METHOD BLANK: 831784 Matrix: Water
Associated Lab Samples: 35125678009, 35125678010, 35125678011, 35125678012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	02/15/14 13:06	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	02/15/14 13:06	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	02/15/14 13:06	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	02/15/14 13:06	
1,1-Dichloroethane	ug/L	0.50U	1.0	02/15/14 13:06	
1,1-Dichloroethene	ug/L	0.50U	1.0	02/15/14 13:06	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	02/15/14 13:06	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	02/15/14 13:06	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	02/15/14 13:06	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	02/15/14 13:06	
1,2-Dichloroethane	ug/L	0.50U	1.0	02/15/14 13:06	
1,2-Dichloropropane	ug/L	0.50U	1.0	02/15/14 13:06	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	02/15/14 13:06	
2-Butanone (MEK)	ug/L	5.0U	10.0	02/15/14 13:06	
2-Hexanone	ug/L	5.0U	10.0	02/15/14 13:06	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	02/15/14 13:06	
Acetone	ug/L	10.0U	20.0	02/15/14 13:06	
Acrylonitrile	ug/L	5.0U	10.0	02/15/14 13:06	
Benzene	ug/L	0.10U	1.0	02/15/14 13:06	
Bromochloromethane	ug/L	0.50U	1.0	02/15/14 13:06	
Bromodichloromethane	ug/L	0.27U	0.60	02/15/14 13:06	
Bromoform	ug/L	0.50U	1.0	02/15/14 13:06	
Bromomethane	ug/L	0.50U	1.0	02/15/14 13:06	
Carbon disulfide	ug/L	5.0U	10.0	02/15/14 13:06	
Carbon tetrachloride	ug/L	0.50U	1.0	02/15/14 13:06	
Chlorobenzene	ug/L	0.50U	1.0	02/15/14 13:06	
Chloroethane	ug/L	0.50U	1.0	02/15/14 13:06	
Chloroform	ug/L	0.50U	1.0	02/15/14 13:06	
Chloromethane	ug/L	0.62U	1.0	02/15/14 13:06	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	02/15/14 13:06	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	02/15/14 13:06	
Dibromochloromethane	ug/L	0.26U	0.50	02/15/14 13:06	
Dibromomethane	ug/L	0.50U	1.0	02/15/14 13:06	
Ethylbenzene	ug/L	0.50U	1.0	02/15/14 13:06	
Iodomethane	ug/L	0.50U	1.0	02/15/14 13:06	
Methylene Chloride	ug/L	2.5U	5.0	02/15/14 13:06	
Styrene	ug/L	0.50U	1.0	02/15/14 13:06	
Tetrachloroethene	ug/L	0.50U	1.0	02/15/14 13:06	
Toluene	ug/L	0.50U	1.0	02/15/14 13:06	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	02/15/14 13:06	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	02/15/14 13:06	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	02/15/14 13:06	
Trichloroethene	ug/L	0.50U	1.0	02/15/14 13:06	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

METHOD BLANK: 831784 Matrix: Water
Associated Lab Samples: 35125678009, 35125678010, 35125678011, 35125678012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	02/15/14 13:06	
Vinyl acetate	ug/L	1.0U	2.0	02/15/14 13:06	
Vinyl chloride	ug/L	0.50U	1.0	02/15/14 13:06	
Xylene (Total)	ug/L	0.50U	1.0	02/15/14 13:06	
1,2-Dichloroethane-d4 (S)	%	107	86-125	02/15/14 13:06	
4-Bromofluorobenzene (S)	%	91	70-114	02/15/14 13:06	
Toluene-d8 (S)	%	101	87-113	02/15/14 13:06	

LABORATORY CONTROL SAMPLE: 831785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.4	92	70-130	
1,1,1-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	18.9	95	70-130	
1,1-Dichloroethane	ug/L	20	20.2	101	70-130	
1,1-Dichloroethene	ug/L	20	19.4	97	70-130	
1,2,3-Trichloropropane	ug/L	20	19.1	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.2	86	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.3	96	70-130	
1,2-Dichlorobenzene	ug/L	20	18.5	93	70-130	
1,2-Dichloroethane	ug/L	20	20.5	102	70-130	
1,2-Dichloropropane	ug/L	20	19.7	99	70-130	
1,4-Dichlorobenzene	ug/L	20	19.0	95	70-130	
2-Butanone (MEK)	ug/L	40	35.3	88	55-167	
2-Hexanone	ug/L	40	41.4	103	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.9	100	70-130	
Acetone	ug/L	40	39.5	99	40-150	
Acrylonitrile	ug/L	200	208	104	70-130	
Benzene	ug/L	20	20.2	101	70-130	
Bromochloromethane	ug/L	20	15.7	78	70-130	
Bromodichloromethane	ug/L	20	19.7	99	70-130	
Bromoform	ug/L	20	15.4	77	68-130	
Bromomethane	ug/L	20	16.9	84	38-179	
Carbon disulfide	ug/L	20	18.0	90	51-155	
Carbon tetrachloride	ug/L	20	17.1	86	70-130	
Chlorobenzene	ug/L	20	19.5	97	70-130	
Chloroethane	ug/L	20	19.4	97	59-149	
Chloroform	ug/L	20	20.4	102	70-130	
Chloromethane	ug/L	20	20.0	100	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.9	100	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.8	99	70-130	
Dibromochloromethane	ug/L	20	17.9	90	70-130	
Dibromomethane	ug/L	20	18.6	93	70-130	
Ethylbenzene	ug/L	20	20.4	102	70-130	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

LABORATORY CONTROL SAMPLE: 831785

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	40	21.4	53	43-160	
Methylene Chloride	ug/L	20	18.4	92	70-130	
Styrene	ug/L	20	19.6	98	70-130	
Tetrachloroethene	ug/L	20	17.8	89	66-133	
Toluene	ug/L	20	19.9	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.2	96	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.4	72	65-130	
Trichloroethene	ug/L	20	20.4	102	70-130	
Trichlorofluoromethane	ug/L	20	19.1	95	70-131	
Vinyl acetate	ug/L	40	42.8	107	69-135	
Vinyl chloride	ug/L	20	19.5	98	69-140	
Xylene (Total)	ug/L	60	60.4	101	70-130	
1,2-Dichloroethane-d4 (S)	%			94	86-125	
4-Bromofluorobenzene (S)	%			94	70-114	
Toluene-d8 (S)	%			101	87-113	

MATRIX SPIKE SAMPLE: 832273

Parameter	Units	35125678011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.0	100	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	24.7	124	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	23.3	117	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.9	104	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	22.8	114	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	23.2	116	45-155	
1,2,3-Trichloropropane	ug/L	0.36U	20	21.7	109	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	19.6	98	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	21.0	105	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.0	95	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	22.6	113	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	22.1	110	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	20.0	100	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	43.0	108	48-138	
2-Hexanone	ug/L	5.0U	40	49.6	124	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	49.2	123	28-143	
Acetone	ug/L	10.0U	40	32.8	81	20-140	
Acrylonitrile	ug/L	5.0U	200	208	104	46-130	
Benzene	ug/L	0.10U	20	22.7	114	53-132	
Bromochloromethane	ug/L	0.50U	20	17.0	85	54-132	
Bromodichloromethane	ug/L	0.27U	20	21.3	106	46-130	
Bromoform	ug/L	0.50U	20	16.4	82	32-130	
Bromomethane	ug/L	0.50U	20	13.2	66	20-152	
Carbon disulfide	ug/L	5.0U	20	21.9	110	28-184	
Carbon tetrachloride	ug/L	0.50U	20	21.2	106	37-137	
Chlorobenzene	ug/L	1.2	20	22.4	106	46-130	
Chloroethane	ug/L	0.50U	20	22.9	115	48-159	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

MATRIX SPIKE SAMPLE: 832273

Parameter	Units	35125678011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/L	0.50U	20	22.2	111	51-130	
Chloromethane	ug/L	0.62U	20	22.9	114	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	22.3	112	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	21.5	108	45-130	
Dibromochloromethane	ug/L	0.26U	20	19.2	96	43-130	
Dibromomethane	ug/L	0.50U	20	21.0	105	50-130	
Ethylbenzene	ug/L	0.50U	20	22.3	111	43-130	
Iodomethane	ug/L	0.50U	40	18.8	47	20-169	
Methylene Chloride	ug/L	2.5U	20	20.0	100	51-135	
Styrene	ug/L	0.50U	20	20.8	104	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.1	91	26-130	
Toluene	ug/L	0.50U	20	22.0	110	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.9	109	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20.5	103	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	16.7	83	20-139	
Trichloroethene	ug/L	0.50U	20	23.7	118	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	23.6	118	46-146	
Vinyl acetate	ug/L	1.0U	40	42.2	106	20-165	
Vinyl chloride	ug/L	0.50U	20	23.2	116	57-142	
Xylene (Total)	ug/L	0.50U	60	65.7	110	42-130	
1,2-Dichloroethane-d4 (S)	%				111	86-125	
4-Bromofluorobenzene (S)	%				93	70-114	
Toluene-d8 (S)	%				102	87-113	

SAMPLE DUPLICATE: 832272

Parameter	Units	35125678010 Result	Dup Result	RPD	Max 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	10.0U	10.0U		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 CEP Remediation Benzene
Pace Project No.: 35125678

SAMPLE DUPLICATE: 832272

Parameter	Units	35125678010 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)	%	106	109	3		
4-Bromofluorobenzene (S)	%	91	91	.3		
Toluene-d8 (S)	%	100	103	3		

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: OEXT/16064 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

METHOD BLANK: 827279 Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	02/11/14 18:05	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	02/11/14 18:05	

LABORATORY CONTROL SAMPLE: 827280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.23	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.22	88	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827289 827290

Parameter	Units	35125678002 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	0.0053 U	.44	.44	0.56	0.47	127	108	60-140	16	40	
1,2-Dibromoethane (EDB)	ug/L	0.0067 U	.44	.44	0.49	0.44	111	100	60-140	11	40	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WET/23454 — Analysis Method: SM 2540C
QC Batch Method: SM 2540C — Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

METHOD BLANK: 831768 — Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	02/15/14 15:38	

LABORATORY CONTROL SAMPLE: 831769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	294	98	90-110	

SAMPLE DUPLICATE: 831770

Parameter	Units	35125684003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	173	160	8	20	

SAMPLE DUPLICATE: 831771

Parameter	Units	35125684004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	215	212	1	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33302 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125678001, 35125678002, 35125678003

METHOD BLANK: 827448 | Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	02/11/14 10:31	

LABORATORY CONTROL SAMPLE: 827449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.8	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827450 827451

Parameter	Units	35125714009 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	1.2	25	25	23.2	23.2	88	88	90-110	.04	20	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827452 827453

Parameter	Units	35125665001 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	0.043U	5	5	4.9	4.9	98	98	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33303 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010

METHOD BLANK: 827455 Matrix: Water
Associated Lab Samples: 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	02/11/14 19:58	

LABORATORY CONTROL SAMPLE: 827456

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.8	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827457 827458

Parameter	Units	35125678004 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	0.22U	25	25	23.0	23.0	92	92	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827459 827460

Parameter	Units	35125678007 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	112	10	10	158	158	459	458	90-110	.02	20	L

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(386)672-5668

QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33315 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125678011

METHOD BLANK: 827931 | Matrix: Water
Associated Lab Samples: 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	02/12/14 01:03	

LABORATORY CONTROL SAMPLE: 827932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827933 827934

Parameter	Units	35125746014 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	1.5	5	5	6.4	6.4	98	98	90-110	.05	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827965 827966

Parameter	Units	30113158001 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	0.14	5	5	5.1	5.1	98	99	90-110	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33304 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125678001, 35125678002, 35125678003

METHOD BLANK: 827466 | Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	02/11/14 10:31	
Sulfate	mg/L	2.5U	5.0	02/11/14 10:31	

LABORATORY CONTROL SAMPLE: 827467

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	45.9	92	90-110	
Sulfate	mg/L	50	46.4	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827468 827469

Parameter	Units	35125665001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	21.1	50	50	70.5	70.6	99	99	90-110	.08	20	
Sulfate	mg/L	12.5	50	50	59.0	59.0	93	93	90-110	.04	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827470 827471

Parameter	Units	35125714009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	492	250	250	731	731	96	96	90-110	.06	20	L
Sulfate	mg/L	74.4	250	250	294	295	88	88	90-110	.2	20	J(M1)

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33305 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010

METHOD BLANK: 827472 Matrix: Water
Associated Lab Samples: 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	02/11/14 19:58	
Sulfate	mg/L	2.5U	5.0	02/11/14 19:58	

LABORATORY CONTROL SAMPLE: 827473

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	45.6	91	90-110	
Sulfate	mg/L	50	46.4	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827474 827475

Parameter	Units	35125678006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	170	250	250	421	421	100	100	90-110	.04	20	
Sulfate	mg/L	2.5U	250	250	225	224	90	90	90-110	.3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827476 827477

Parameter	Units	35125678007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	53.8	100	100	158	158	104	104	90-110	.02	20	
Sulfate	mg/L	39.9	100	100	138	139	99	99	90-110	.07	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33317 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125678011

METHOD BLANK: 827944 | Matrix: Water
Associated Lab Samples: 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	02/12/14 01:03	
Sulfate	mg/L	2.5U	5.0	02/12/14 01:03	

LABORATORY CONTROL SAMPLE: 827945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.2	96	90-110	
Sulfate	mg/L	50	47.6	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827946 827947

Parameter	Units	35125746014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.7 I	50	50	50.6	50.6	92	92	90-110	.05	20	
Sulfate	mg/L	15.3	50	50	63.2	63.2	96	96	90-110	.01	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 827967 827968

Parameter	Units	35125173001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1460	2500	2500	4100	4100	106	106	90-110	.06	20	
Sulfate	mg/L	607	2500	2500	3010	3010	96	96	90-110	.005	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

QC Batch: WETA/33434 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

METHOD BLANK: 830862 | Matrix: Water
Associated Lab Samples: 35125678001, 35125678002, 35125678003, 35125678004, 35125678005, 35125678006, 35125678007, 35125678008, 35125678009, 35125678010, 35125678011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	02/14/14 13:59	

LABORATORY CONTROL SAMPLE: 830863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	101	90-110	

MATRIX SPIKE SAMPLE: 830865

Parameter	Units	35125495001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.069	1	1.0	95	90-110	

SAMPLE DUPLICATE: 830864

Parameter	Units	35125495001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.069	0.071	4	20	

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QUALIFIERS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

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.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L	Off-scale high. Actual value is known to be greater than value given.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
Q	Sample held beyond the accepted holding time. Reanalysis conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35125678002	**B41-1**		FLD/		
35125678003	**B41-1 Dup**		FLD/		
35125678004	**B77**		FLD/		
35125678005	**B83**		FLD/		
35125678006	**B45-1**		FLD/		
35125678007	**B45-2**		FLD/		
35125678008	**B76-6**		FLD/		
35125678009	**B76-1**		FLD/		
35125678010	**B82-1**		FLD/		
35125678011	**B43-1**		FLD/		
35125678001	**EQ Blank 2/10/14**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678002	**B41-1**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678003	**B41-1 Dup**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678004	**B77**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678005	**B83**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678006	**B45-1**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678007	**B45-2**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678008	**B76-6**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678009	**B76-1**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678010	**B82-1**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678011	**B43-1**	EPA 8011	OEXT/16064	EPA 8011	GCSV/10596
35125678001	**EQ Blank 2/10/14**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678002	**B41-1**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678003	**B41-1 Dup**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678004	**B77**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678005	**B83**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678006	**B45-1**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678007	**B45-2**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678008	**B76-6**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678009	**B76-1**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678010	**B82-1**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678011	**B43-1**	EPA 3010	MPRP/17016	EPA 6010	ICP/10547
35125678001	**EQ Blank 2/10/14**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678002	**B41-1**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678003	**B41-1 Dup**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678004	**B77**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678005	**B83**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678006	**B45-1**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678007	**B45-2**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678008	**B76-6**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678009	**B76-1**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678010	**B82-1**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678011	**B43-1**	EPA 3010	MPRP/17017	EPA 6020	ICPM/6879
35125678001	**EQ Blank 2/10/14**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678002	**B41-1**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678003	**B41-1 Dup**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678004	**B77**	EPA 7470	MERP/4423	EPA 7470	MERC/4418

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35125678005	**B83**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678006	**B45-1**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678007	**B45-2**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678008	**B76-6**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678009	**B76-1**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678010	**B82-1**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678011	**B43-1**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125678001	**EQ Blank 2/10/14**	EPA 8260	MSV/10851		
35125678002	**B41-1**	EPA 8260	MSV/10851		
35125678003	**B41-1 Dup**	EPA 8260	MSV/10851		
35125678004	**B77**	EPA 8260	MSV/10851		
35125678005	**B83**	EPA 8260	MSV/10851		
35125678006	**B45-1**	EPA 8260	MSV/10851		
35125678007	**B45-2**	EPA 8260	MSV/10851		
35125678008	**B76-6**	EPA 8260	MSV/10851		
35125678009	**B76-1**	EPA 8260	MSV/10861		
35125678010	**B82-1**	EPA 8260	MSV/10861		
35125678011	**B43-1**	EPA 8260	MSV/10861		
35125678012	**Trip Blank 2/10/14**	EPA 8260	MSV/10861		
35125678001	**EQ Blank 2/10/14**	SM 2540C	WET/23454		
35125678002	**B41-1**	SM 2540C	WET/23454		
35125678003	**B41-1 Dup**	SM 2540C	WET/23454		
35125678004	**B77**	SM 2540C	WET/23454		
35125678005	**B83**	SM 2540C	WET/23454		
35125678006	**B45-1**	SM 2540C	WET/23454		
35125678007	**B45-2**	SM 2540C	WET/23454		
35125678008	**B76-6**	SM 2540C	WET/23454		
35125678009	**B76-1**	SM 2540C	WET/23454		
35125678010	**B82-1**	SM 2540C	WET/23454		
35125678011	**B43-1**	SM 2540C	WET/23454		
35125678001	**EQ Blank 2/10/14**	EPA 300.0	WETA/33302		
35125678002	**B41-1**	EPA 300.0	WETA/33302		
35125678003	**B41-1 Dup**	EPA 300.0	WETA/33302		
35125678004	**B77**	EPA 300.0	WETA/33303		
35125678005	**B83**	EPA 300.0	WETA/33303		
35125678006	**B45-1**	EPA 300.0	WETA/33303		
35125678007	**B45-2**	EPA 300.0	WETA/33303		
35125678008	**B76-6**	EPA 300.0	WETA/33303		
35125678009	**B76-1**	EPA 300.0	WETA/33303		
35125678010	**B82-1**	EPA 300.0	WETA/33303		
35125678011	**B43-1**	EPA 300.0	WETA/33315		
35125678001	**EQ Blank 2/10/14**	EPA 300.0	WETA/33304		
35125678002	**B41-1**	EPA 300.0	WETA/33304		
35125678003	**B41-1 Dup**	EPA 300.0	WETA/33304		
35125678004	**B77**	EPA 300.0	WETA/33305		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125678

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35125678005	**B83**	EPA 300.0	WETA/33305		
35125678006	**B45-1**	EPA 300.0	WETA/33305		
35125678007	**B45-2**	EPA 300.0	WETA/33305		
35125678008	**B76-6**	EPA 300.0	WETA/33305		
35125678009	**B76-1**	EPA 300.0	WETA/33305		
35125678010	**B82-1**	EPA 300.0	WETA/33305		
35125678011	**B43-1**	EPA 300.0	WETA/33317		
35125678001	**EQ Blank 2/10/14**	EPA 350.1	WETA/33434		
35125678002	**B41-1**	EPA 350.1	WETA/33434		
35125678003	**B41-1 Dup**	EPA 350.1	WETA/33434		
35125678004	**B77**	EPA 350.1	WETA/33434		
35125678005	**B83**	EPA 350.1	WETA/33434		
35125678006	**B45-1**	EPA 350.1	WETA/33434		
35125678007	**B45-2**	EPA 350.1	WETA/33434		
35125678008	**B76-6**	EPA 350.1	WETA/33434		
35125678009	**B76-1**	EPA 350.1	WETA/33434		
35125678010	**B82-1**	EPA 350.1	WETA/33434		
35125678011	**B43-1**	EPA 350.1	WETA/33434		

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WO# : 35125678

35125678

Page: 1 of 1

1678229

Section A
Required Client Information:

Company: VOLUSIA COUNTY SOLID WASTE
Address: 1990 TOMOKA FARMS RD
DAYTONA BEACH FL 32124
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: JENNIFER STIRK
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

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

Site Location
STATE: _____

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): TDS, NITRATE	CHLORIDE, SULFATE	NITROGEN/AMMONIA (NH3)	BOD EDB	8260, VOC	6010/6020 Hg METALS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	SW	G			2-10-14	0915		8	3	1	1	3					X	X	X	X	X		
2	B41-1						1015																	
3	DUP						1015																	
4	B77						1121																	
5	B83						1232																	
6	B45-1						1307																	
7	B45-2						1328																	
8	B76-6						1414																	
9	B76-1						1445																	
10	B82-1						1523																	
11	B43-1						1604																	
12	TRIP BLANKS								2				2								X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / PACE	2-10-14	1655	[signature]	2/10/14	1655	6.0

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 2-10-14

ORIGINAL

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

F-ALL-Q-020rev.07, 15-May-2007

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: E Q	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (feet – feet) X gallons/foot = 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):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

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)

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: MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0906	SAMPLING ENDED AT: 0915
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (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:

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: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B41-1 / DUP	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.00	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (38.20 feet – 9.00 feet) X 0.16 gallons/foot = 4.672 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): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 0930	PURGING ENDED AT: 1001	TOTAL VOLUME PURGED (gallons): 7.75

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)
0949	4.75	4.75	0.25	9.10	6.33	20.96	1560	0.64	5.17	YELLOW	SULFUR
0951	0.50	5.25	|	|	6.33	21.01	1630	0.65	4.20	|	|
0953	0.50	5.75	|	|	6.32	21.08	1710	0.66	3.86	|	|
0957	1.00	6.75	|	|	6.31	21.25	1905	0.70	2.89	|	|
0959	0.50	7.25	|	|	6.30	21.29	1929	0.70	2.81	|	|
1001	0.50	7.75	|	|	6.30	21.30	1946	0.70	2.75	|	|

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1001	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

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:
ORP -40.1 ORP -47.7 ORP -53.5 ORP -60.5 ORP -62.7 ORP -64.0

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: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B77-	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 11.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (~~114.50~~ 114 feet – 11.60 feet) X 0.16 gallons/foot = 6.704 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) 53.51 gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 14	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 1039	PURGING ENDED AT: 1116	TOTAL VOLUME PURGED (gallons): 9.25

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1106	6.75	6.75	0.25	11.65	5.97	21.57	1575	0.63	4.29	CLEAR	SULFUR
1108	0.50	7.25	|	|	6.00	21.50	1618	0.61	3.95	|	|
1110	0.50	7.75	|	|	6.09	21.56	1738	0.58	3.81	|	|
1112	0.50	8.25	|	|	6.09	21.67	1759	0.57	3.49	|	|
1114	0.50	8.75	|	|	6.09	21.70	1766	0.56	2.95	|	|
1116	0.50	9.25	|	|	6.11	21.73	1795	0.55	2.71	|	|

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: MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1116	SAMPLING ENDED AT: 1121
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP -35.9 ORP -40.2 ORP -55.2 ORP -57.8 ORP -59.1 ORP -60.6

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; 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)

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log	Document Revised: December 03, 2012
	Document No.: F-FL-C-021 rev.00	Issuing Authority: Pace Florida Quality Office

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B 83	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 14.60	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (103 feet – 14.60 feet) X 0.16 gallons/foot = 14.144 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): 16	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16	PURGING INITIATED AT: 1126	PURGING ENDED AT: 1227	TOTAL VOLUME PURGED (gallons): 15.25

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)
1223	14.25	14.25	0.25	14.61	6.97	22.25	584	0.15	1.22	CLEAR	NONE
1225	0.50	14.75	|	|	6.97	22.27	584	0.15	0.31	|	|
1227	0.50	15.25	|	|	6.96	22.26	584	0.15	0.21	|	|

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1227	SAMPLING ENDED AT: 1232
PUMP OR TUBING DEPTH IN WELL (feet): 16	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP -33.3 ORP -32.9 ORP -33.0

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)

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log	Document Revised: December 03, 2012
	Document No.: F-FL-C-021 rev.00	Issuing Authority: Pace Florida Quality Office

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B45-1	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.00	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (37.08 feet – 6.00 feet) X 0.16 gallons/foot = 4.9728 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): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1238	PURGING ENDED AT: 1302	TOTAL VOLUME PURGED (gallons): 6.00

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)
1258	5.00	5.00	0.25	7.55	6.06	21.35	1509	0.43	1.81	Yellow	Sulfur
1300	0.50	5.50	|	|	6.06	21.33	1505	0.43	2.10	|	|
1302	0.50	6.00			6.06	21.35	1520	0.42	1.86		

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1302	SAMPLING ENDED AT: 1307
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP 51.5 ORP -53.0 ORP -53.2

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** = 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)

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log	Document Revised: December 03, 2012
	Document No.: F-FL-C-021 rev.00	Issuing Authority: Pace Florida Quality Office

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B45-2	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 5.90	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.60 feet – 5.90 feet) X 0.16 gallons/foot = 1.872 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): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1311	PURGING ENDED AT: 1323	TOTAL VOLUME PURGED (gallons): 3.00

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)
1319	2.00	2.00	0.25	7.18	5.74	19.37	1058	0.30	4.76	CLEAR	NONE
1321	0.50	2.50		7.18	5.78	19.27	1109	0.28	5.14		
1323	0.50	3.00		7.18	5.82	19.20	1151	0.26	4.62		

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1323	SAMPLING ENDED AT: 1328
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP 21.7 ORP 22.6 ORP 22.0

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: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B76-6	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (49.90 feet – 8.00 feet) X 0.16 gallons/foot = 6.704 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): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1338	PURGING ENDED AT: 1409	TOTAL VOLUME PURGED (gallons): 7.75

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)
1405	6.75	6.75	0.25	8.20	6.14	21.77	1725	0.47	2.59	Yellow	Sulfur
1407	0.50	7.25	1	1	6.14	21.20	1725	0.46	1.67	1	1
1409	0.50	7.75	1	1	6.14	21.76	1726	0.44	1.37		

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1409	SAMPLING ENDED AT: 1414
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP-56.2 ORP-55.8 - ORP-55.7

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: ± 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)

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log	Document Revised: December 03, 2012
	Document No.: F-FL-C-021 rev.00	Issuing Authority: Pace Florida Quality Office

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B76-1	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.30	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.30 feet – 3.30 feet) X 0.16 gallons/foot = 4.96 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): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1416	PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (gallons): 600

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)
1436	5.00	5.00	0.25	3.90	5.42	21.71	1012	0.44	2.10	CLEAR	SULFUR
1438	0.50	5.50	1	1	5.42	21.77	1019	0.43	1.76	1	1
1440	0.50	6.00	1	1	5.43	21.74	1024	0.41	2.13	1	1

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1440	SAMPLING ENDED AT: 1445
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP -21.1 ORP -23.9 ORP -25.4

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)

Pace Analytical Florida Laboratory	Document Name: Groundwater Sampling Log	Document Revised: December 03, 2012
	Document No.: F-FL-C-021 rev.00	Issuing Authority: Pace Florida Quality Office

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B 82-1	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.70	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (38.65 feet – 6.70 feet) X 0.16 gallons/foot = 5.112 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): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1453	PURGING ENDED AT: 1518	TOTAL VOLUME PURGED (gallons): 6.25

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)
1514	5.25	5.25	0.25	9.10	6.25	23.09	344	1.37	13.4	YELLOW	NONE
1516	0.50	5.75	|	|	6.23	23.12	351	1.30	11.9	|	|
1518	0.50	6.25	|	|	6.22	23.10	359	1.20	10.27	|	|

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1518	SAMPLING ENDED AT: 1523
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP -24.8 ORP -25.2 ORP -25.3

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)

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log	Document Revised: December 03, 2012
	Document No.: F-FL-C-021 rev.00	Issuing Authority: Pace Florida Quality Office

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B43-1	SAMPLE ID:	DATE: 2-10-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 5.10	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (28.70 feet – 5.10 feet) X 0.16 gallons/foot = 3.776 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): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1538	PURGING ENDED AT: 1558	TOTAL VOLUME PURGED (gallons): 5.00

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)
1554	4.00	4.00	0.25	5.02	6.01	20.77	764	0.45	6.26	CLEAR	SULFUR
1556	0.50	4.50	|	|	6.01	20.80	762	0.42	4.50	|	|
1558	0.50	5.00	|	|	6.02	20.80	761	0.40	4.10	|	|

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: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1558	SAMPLING ENDED AT: 1604
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

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:
ORP-28.5 ORP-29.2 ORP-30.1

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)

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: October 9, 2013
	Document No.: F-FL-C-007 rev. 05	Issuing Authorities: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number:_____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 35125648

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other_____

Tracking # _____

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

Date and Initials of person examining contents: 2/10/14 m

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used T165 **Type of Ice:** (Wet) Blue None

Cooler Temperature°C 6.1 (Visual) -0.1 (Correction Factor) 6.0 (Actual)
1.2 -0.1 1.1

(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	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ **Date:** _____

Finished Product Information Only

F.P. Sample ID:_____

Production Code:_____

Date/Time Opened:_____

Number of Unopened Bottles Remaining:_____

Extra Sample in Shed: Yes No

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:_____