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

February 19, 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.: 35125827

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on February 11, 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.: 35125827

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.: 35125827

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35125827001	**EQ Blank 2/11/14**	Water	02/11/14 08:39	02/11/14 16:55
35125827002	**B87-6**	Water	02/11/14 09:22	02/11/14 16:55
35125827003	**B87-6 DUP**	Water	02/11/14 09:22	02/11/14 16:55
35125827004	**B87-F**	Water	02/11/14 10:30	02/11/14 16:55
35125827005	**B81-4**	Water	02/11/14 11:20	02/11/14 16:55
35125827006	**B86**	Water	02/11/14 12:02	02/11/14 16:55
35125827007	**B79-1**	Water	02/11/14 12:50	02/11/14 16:55
35125827008	**B79-6**	Water	02/11/14 13:32	02/11/14 16:55
35125827009	**B85-6**	Water	02/11/14 14:21	02/11/14 16:55
35125827010	**B85-F**	Water	02/11/14 15:30	02/11/14 16:55
35125827011	**B85**	Water	02/11/14 16:08	02/11/14 16:55
35125827012	**Trip Blank 2/11/14**	Water	02/11/14 00:00	02/11/14 16:55

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SAMPLE ANALYTE COUNT

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35125827001	**EQ Blank 2/11/14**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827002	**B87-6**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827003	**B87-6 DUP**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827004	**B87-F**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827005	**B81-4**	EPA 8011	IRL	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827006	**B86**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827007	**B79-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827008	**B79-6**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827009	**B85-6**	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.: 35125827

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	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
35125827010	**B85-F**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827011	**B85**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	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
35125827012	**Trip Blank 2/11/14**	EPA 8260	SK	50	PASI-O

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: EQ Blank 2/11/14 **Lab ID: 35125827001** Collected: 02/11/14 08:39 Received: 02/11/14 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	02/15/14 11:15	02/16/14 01:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/15/14 11:15	02/16/14 01:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:08	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:08	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:08	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:08	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:08	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:08	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:08	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:08	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:08	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:08	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:08	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:08	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:08	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:08	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:08	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:10	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:10	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 11:13	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 05:41	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 05:41	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 05:41	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 05:41	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 05:41	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 05:41	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 05:41	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 05:41	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: EQ Blank 2/11/14 **Lab ID: 35125827001** Collected: 02/11/14 08:39 Received: 02/11/14 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		02/16/14 05:41	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 05:41	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 05:41	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 05:41	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 05:41	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 05:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 05:41	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 05:41	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 05:41	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 05:41	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 05:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/16/14 05:41	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/16/14 05:41	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/16/14 05:41	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		02/17/14 13:37		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 16:22	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		02/12/14 16:22	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/12/14 16:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		02/16/14 13:24	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-6 **Lab ID: 35125827002** Collected: 02/11/14 09:22 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.65**	Std. Units			1		02/11/14 09:22		
Field Temperature	**20.53**	deg C			1		02/11/14 09:22		
Appearance	**Color: none, Sheen: none**				1		02/11/14 09:22		
Field Specific Conductance	**530**	umhos/cm			1		02/11/14 09:22		
Oxygen, Dissolved	**0.45**	mg/L			1		02/11/14 09:22	7782-44-7	
REDOX	**-85.3**	mV			1		02/11/14 09:22		
Turbidity	**1.25**	NTU			1		02/11/14 09:22		
Depth to Water	**10.50**	feet			1		02/11/14 09:22		
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	02/15/14 11:15	02/16/14 02:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/15/14 11:15	02/16/14 02:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:12	7440-38-2	
Barium	**24.6**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:12	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:12	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:12	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:12	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:12	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:12	7440-50-8	
Iron	**3310**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:12	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:12	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:12	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:12	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:12	7440-22-4	
Sodium	**24.3**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:12	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:12	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:12	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:15	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 11:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 06:34	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:34	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 06:34	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 06:34	75-27-4	

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(386)672-5668

ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-6 **Lab ID: 35125827002** Collected: 02/11/14 09:22 Received: 02/11/14 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		02/16/14 06:34	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:34	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:34	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 06:34	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 06:34	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:34	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 06:34	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 06:34	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:34	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 06:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:34	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 06:34	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 06:34	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 06:34	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/16/14 06:34	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/16/14 06:34	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		02/16/14 06:34	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-6 **Lab ID: 35125827002** Collected: 02/11/14 09:22 Received: 02/11/14 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	**358**	mg/L	5.0	5.0	1		02/17/14 13:37		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 16:42	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**23.8**	mg/L	5.0	2.5	1		02/12/14 16:42	16887-00-6	
Sulfate	**17.8**	mg/L	5.0	2.5	1		02/12/14 16:42	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.097**	mg/L	0.050	0.020	1		02/16/14 13:27	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-6 DUP **Lab ID: 35125827003** Collected: 02/11/14 09:22 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.65**	Std. Units			1		02/11/14 09:22		
Field Temperature	**20.53**	deg C			1		02/11/14 09:22		
Appearance	**Color: none, Sheen: none**				1		02/11/14 09:22		
Field Specific Conductance	**530**	umhos/cm			1		02/11/14 09:22		
Oxygen, Dissolved	**0.45**	mg/L			1		02/11/14 09:22	7782-44-7	
REDOX	**-85.3**	mV			1		02/11/14 09:22		
Turbidity	**1.25**	NTU			1		02/11/14 09:22		
Depth to Water	**10.50**	feet			1		02/11/14 09:22		
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	02/15/14 11:15	02/16/14 02:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	02/15/14 11:15	02/16/14 02:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:26	7440-38-2	
Barium	**24.0**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:26	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:26	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:26	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:26	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:26	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:26	7440-50-8	
Iron	**3390**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:26	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:26	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:26	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:26	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:26	7440-22-4	
Sodium	**24.3**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:26	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:26	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:26	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:26	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:26	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 11:22	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 07:26	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:26	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 07:26	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 07:26	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-6 DUP **Lab ID: 35125827003** Collected: 02/11/14 09:22 Received: 02/11/14 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		02/16/14 07:26	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:26	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:26	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 07:26	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 07:26	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:26	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 07:26	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 07:26	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:26	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 07:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:26	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 07:26	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 07:26	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 07:26	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		02/16/14 07:26	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/16/14 07:26	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		02/16/14 07:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-6 DUP **Lab ID: 35125827003** Collected: 02/11/14 09:22 Received: 02/11/14 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	**350**	mg/L	5.0	5.0	1		02/17/14 13:38		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 17:43	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**23.8**	mg/L	5.0	2.5	1		02/12/14 17:43	16887-00-6	
Sulfate	**17.8**	mg/L	5.0	2.5	1		02/12/14 17:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.096**	mg/L	0.050	0.020	1		02/16/14 13:28	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-F **Lab ID: 35125827004** Collected: 02/11/14 10:30 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.92**	Std. Units			1		02/11/14 10:30		
Field Temperature	**26.91**	deg C			1		02/11/14 10:30		
Appearance	**Color: none, Sheen: none**				1		02/11/14 10:30		
Field Specific Conductance	**604**	umhos/cm			1		02/11/14 10:30		
Oxygen, Dissolved	**0.21**	mg/L			1		02/11/14 10:30	7782-44-7	
REDOX	**-72.5**	mV			1		02/11/14 10:30		
Turbidity	**0.30**	NTU			1		02/11/14 10:30		
Depth to Water	**12.75**	feet			1		02/11/14 10:30		
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	02/15/14 11:15	02/16/14 03:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	02/15/14 11:15	02/16/14 03:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:30	7440-38-2	
Barium	**17.6**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:30	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:30	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:30	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:30	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:30	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:30	7440-50-8	
Iron	**456**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:30	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:30	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:30	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:30	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:30	7440-22-4	
Sodium	**28.1**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:30	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:30	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:30	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:28	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:28	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 11:24	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 07:53	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:53	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 07:53	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 07:53	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-F **Lab ID: 35125827004** Collected: 02/11/14 10:30 Received: 02/11/14 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		02/16/14 07:53	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:53	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:53	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 07:53	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 07:53	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:53	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 07:53	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 07:53	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:53	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 07:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 07:53	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 07:53	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 07:53	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 07:53	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 07:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/16/14 07:53	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		02/16/14 07:53	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/16/14 07:53	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B87-F **Lab ID: 35125827004** Collected: 02/11/14 10:30 Received: 02/11/14 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	**378**	mg/L	5.0	5.0	1		02/17/14 13:38		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 18:04	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.8**	mg/L	5.0	2.5	1		02/12/14 18:04	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/12/14 18:04	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.32**	mg/L	0.050	0.020	1		02/16/14 13:29	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B81-4 **Lab ID: 35125827005** Collected: 02/11/14 11:20 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.24**	Std. Units			1		02/11/14 11:20		
Field Temperature	**20.52**	deg C			1		02/11/14 11:20		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 11:20		
Field Specific Conductance	**620**	umhos/cm			1		02/11/14 11:20		
Oxygen, Dissolved	**0.36**	mg/L			1		02/11/14 11:20	7782-44-7	
REDOX	**-42.1**	mV			1		02/11/14 11:20		
Turbidity	**2.89**	NTU			1		02/11/14 11:20		
Depth to Water	**3.50**	feet			1		02/11/14 11:20		
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	02/15/14 11:15	02/16/14 03:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	02/15/14 11:15	02/16/14 03:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:34	7440-38-2	
Barium	**70.8**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:34	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:34	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:34	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:34	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:34	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:34	7440-50-8	
Iron	**10100**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:34	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:34	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:34	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:34	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:34	7440-22-4	
Sodium	**72.5**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:34	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:34	7440-62-2	
Zinc	**22.3**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:34	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:31	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 11:26	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 08:19	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:19	107-13-1	
Benzene	**0.88 I**	ug/L	1.0	0.10	1		02/16/14 08:19	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 08:19	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B81-4 **Lab ID: 35125827005** Collected: 02/11/14 11:20 Received: 02/11/14 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		02/16/14 08:19	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:19	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:19	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	56-23-5	
Chlorobenzene	**0.52 I**	ug/L	1.0	0.50	1		02/16/14 08:19	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 08:19	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 08:19	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:19	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 08:19	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 08:19	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:19	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 08:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:19	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 08:19	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 08:19	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 08:19	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/16/14 08:19	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		02/16/14 08:19	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/16/14 08:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B81-4 **Lab ID: 35125827005** Collected: 02/11/14 11:20 Received: 02/11/14 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	**435**	mg/L	5.0	5.0	1		02/17/14 13:38		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 18:24	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**86.9**	mg/L	5.0	2.5	1		02/12/14 18:24	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/12/14 18:24	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.10**	mg/L	0.050	0.020	1		02/16/14 13:30	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B86 **Lab ID: 35125827006** Collected: 02/11/14 12:02 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.40**	Std. Units			1		02/11/14 12:02		
Field Temperature	**21.49**	deg C			1		02/11/14 12:02		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 12:02		
Field Specific Conductance	**1775**	umhos/cm			1		02/11/14 12:02		
Oxygen, Dissolved	**0.30**	mg/L			1		02/11/14 12:02	7782-44-7	
REDOX	**-42.1**	mV			1		02/11/14 12:02		
Turbidity	**1.86**	NTU			1		02/11/14 12:02		
Depth to Water	**7.90**	feet			1		02/11/14 12:02		
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	02/15/14 11:15	02/16/14 03:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	02/15/14 11:15	02/16/14 03:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:38	7440-38-2	
Barium	**154**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:38	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:38	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:38	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:38	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:38	7440-48-4	
Copper	**3.3 I**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:38	7440-50-8	
Iron	**17300**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:38	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:38	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:38	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:38	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:38	7440-22-4	
Sodium	**228**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:38	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:38	7440-62-2	
Zinc	**22.1**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:38	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:34	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:34	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 11:28	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 08:46	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:46	107-13-1	
Benzene	**12.5**	ug/L	1.0	0.10	1		02/16/14 08:46	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 08:46	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B86 **Lab ID: 35125827006** Collected: 02/11/14 12:02 Received: 02/11/14 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		02/16/14 08:46	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:46	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:46	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	56-23-5	
Chlorobenzene	**9.2**	ug/L	1.0	0.50	1		02/16/14 08:46	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 08:46	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 08:46	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:46	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 08:46	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 08:46	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:46	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 08:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 08:46	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 08:46	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 08:46	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 08:46	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 08:46	75-01-4	
Xylene (Total)	**1.1**	ug/L	1.0	0.50	1		02/16/14 08:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/16/14 08:46	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		02/16/14 08:46	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/16/14 08:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B86 **Lab ID: 35125827006** Collected: 02/11/14 12:02 Received: 02/11/14 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	**1330**	mg/L	10.0	10.0	1		02/17/14 13:40		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/12/14 18:45	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**173**	mg/L	25.0	12.5	5		02/12/14 18:45	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/16/14 06:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.14**	mg/L	0.050	0.020	1		02/16/14 13:32	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B79-1 **Lab ID: 35125827007** Collected: 02/11/14 12:50 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.24**	Std. Units			1		02/11/14 12:50		
Field Temperature	**22.01**	deg C			1		02/11/14 12:50		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 12:50		
Field Specific Conductance	**2841**	umhos/cm			1		02/11/14 12:50		
Oxygen, Dissolved	**0.55**	mg/L			1		02/11/14 12:50	7782-44-7	
REDOX	**-53.7**	mV			1		02/11/14 12:50		
Turbidity	**0.69**	NTU			1		02/11/14 12:50		
Depth to Water	**7.50**	feet			1		02/11/14 12:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.021	0.0050	1	02/15/14 11:15	02/16/14 04:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	02/15/14 11:15	02/16/14 04:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:41	7440-38-2	
Barium	**155**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:41	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:41	7440-48-4	
Copper	**3.7 I**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:41	7440-50-8	
Iron	**25300**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:41	7440-22-4	
Sodium	**301**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:41	7440-62-2	
Zinc	**22.8**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:41	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:36	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:36	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 11:30	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 09:11	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:11	107-13-1	
Benzene	**8.7**	ug/L	1.0	0.10	1		02/16/14 09:11	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 09:11	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B79-1 **Lab ID: 35125827007** Collected: 02/11/14 12:50 Received: 02/11/14 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		02/16/14 09:11	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:11	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:11	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	56-23-5	
Chlorobenzene	**7.3**	ug/L	1.0	0.50	1		02/16/14 09:11	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 09:11	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 09:11	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:11	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 09:11	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 09:11	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:11	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 09:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:11	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 09:11	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 09:11	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 09:11	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:11	75-01-4	
Xylene (Total)	**3.2**	ug/L	1.0	0.50	1		02/16/14 09:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/16/14 09:11	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		02/16/14 09:11	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		02/16/14 09:11	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B79-1 **Lab ID: 35125827007** Collected: 02/11/14 12:50 Received: 02/11/14 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	**1550**	mg/L	20.0	20.0	1		02/17/14 13:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.43U**	mg/L	0.50	0.43	10		02/12/14 19:05	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**338**	mg/L	50.0	25.0	10		02/12/14 19:05	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/16/14 06:25	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**42.0**	mg/L	0.25	0.10	5		02/16/14 13:42	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B79-6 **Lab ID: 35125827008** Collected: 02/11/14 13:32 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.27**	Std. Units			1		02/11/14 13:32		
Field Temperature	**21.43**	deg C			1		02/11/14 13:32		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 13:32		
Field Specific Conductance	**2944**	umhos/cm			1		02/11/14 13:32		
Oxygen, Dissolved	**0.34**	mg/L			1		02/11/14 13:32	7782-44-7	
REDOX	**-64.5**	mV			1		02/11/14 13:32		
Turbidity	**1.03**	NTU			1		02/11/14 13:32		
Depth to Water	**7.30**	feet			1		02/11/14 13:32		
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	02/15/14 11:15	02/16/14 04:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	02/15/14 11:15	02/16/14 04:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:45	7440-38-2	
Barium	**138**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:45	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:45	7440-41-7	
Cadmium	**0.80 I**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:45	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:45	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:45	7440-48-4	
Copper	**5.1**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:45	7440-50-8	
Iron	**38500**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:45	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:45	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:45	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:45	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:45	7440-22-4	
Sodium	**293**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:45	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:45	7440-62-2	
Zinc	**22.6**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:45	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:47	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:47	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 11:37	7439-97-6	J(M1)
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 09:38	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:38	107-13-1	
Benzene	**7.0**	ug/L	1.0	0.10	1		02/16/14 09:38	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 09:38	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B79-6 **Lab ID: 35125827008** Collected: 02/11/14 13:32 Received: 02/11/14 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		02/16/14 09:38	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:38	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:38	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	56-23-5	
Chlorobenzene	**7.7**	ug/L	1.0	0.50	1		02/16/14 09:38	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 09:38	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 09:38	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	95-50-1	
1,4-Dichlorobenzene	**0.65 I**	ug/L	1.0	0.50	1		02/16/14 09:38	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:38	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 09:38	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 09:38	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:38	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 09:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 09:38	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 09:38	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	127-18-4	
Toluene	**0.54 I**	ug/L	1.0	0.50	1		02/16/14 09:38	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 09:38	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 09:38	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 09:38	75-01-4	
Xylene (Total)	**3.3**	ug/L	1.0	0.50	1		02/16/14 09:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		02/16/14 09:38	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		02/16/14 09:38	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		02/16/14 09:38	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B79-6 **Lab ID: 35125827008** Collected: 02/11/14 13:32 Received: 02/11/14 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	**1550**	mg/L	20.0	20.0	1		02/17/14 13:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.43U**	mg/L	0.50	0.43	10		02/12/14 20:06	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**325**	mg/L	50.0	25.0	10		02/12/14 20:06	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/16/14 07:21	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**58.3**	mg/L	0.50	0.20	10		02/16/14 13:43	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85-6 **Lab ID: 35125827009** Collected: 02/11/14 14:21 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.24**	Std. Units			1		02/11/14 14:21		
Field Temperature	**22.75**	deg C			1		02/11/14 14:21		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 14:21		
Field Specific Conductance	**1910**	umhos/cm			1		02/11/14 14:21		
Oxygen, Dissolved	**0.35**	mg/L			1		02/11/14 14:21	7782-44-7	
REDOX	**-41.4**	mV			1		02/11/14 14:21		
Turbidity	**0.84**	NTU			1		02/11/14 14:21		
Depth to Water	**7.30**	feet			1		02/11/14 14:21		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	02/15/14 11:15	02/16/14 04:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	02/15/14 11:15	02/16/14 04:33	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	02/12/14 08:40	02/13/14 19:49	7440-38-2	
Barium	**68.2**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:49	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:49	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:49	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:49	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:49	7440-48-4	
Copper	**2.6 I**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:49	7440-50-8	
Iron	**7760**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:49	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:49	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:49	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:49	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:49	7440-22-4	
Sodium	**143**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:49	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:49	7440-62-2	
Zinc	**27.8**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:49	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:49	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:49	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 11:47	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 10:04	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:04	107-13-1	
Benzene	**0.80 I**	ug/L	1.0	0.10	1		02/16/14 10:04	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 10:04	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85-6 **Lab ID: 35125827009** Collected: 02/11/14 14:21 Received: 02/11/14 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		02/16/14 10:04	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:04	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:04	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	56-23-5	
Chlorobenzene	**2.4**	ug/L	1.0	0.50	1		02/16/14 10:04	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 10:04	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 10:04	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	95-50-1	
1,4-Dichlorobenzene	**0.67 I**	ug/L	1.0	0.50	1		02/16/14 10:04	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:04	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 10:04	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 10:04	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:04	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 10:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:04	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 10:04	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 10:04	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 10:04	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:04	75-01-4	
Xylene (Total)	**0.78 I**	ug/L	1.0	0.50	1		02/16/14 10:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		02/16/14 10:04	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/16/14 10:04	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/16/14 10:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85-6 **Lab ID: 35125827009** Collected: 02/11/14 14:21 Received: 02/11/14 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	**1170**	mg/L	10.0	10.0	1		02/17/14 13:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		02/12/14 20:27	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**171**	mg/L	25.0	12.5	5		02/12/14 20:27	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/16/14 07:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**8.3**	mg/L	0.050	0.020	1		02/16/14 13:34	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85-F **Lab ID: 35125827010** Collected: 02/11/14 15:30 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.89**	Std. Units			1		02/11/14 15:30		
Field Temperature	**22.30**	deg C			1		02/11/14 15:30		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 15:30		
Field Specific Conductance	**730**	umhos/cm			1		02/11/14 15:30		
Oxygen, Dissolved	**0.10**	mg/L			1		02/11/14 15:30	7782-44-7	
REDOX	**-143.6**	mV			1		02/11/14 15:30		
Turbidity	**1.09**	NTU			1		02/11/14 15:30		
Depth to Water	**9.80**	feet			1		02/11/14 15:30		
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	02/15/14 11:15	02/16/14 04:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	02/15/14 11:15	02/16/14 04:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:52	7440-38-2	
Barium	**19.9**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:52	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:52	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:52	7440-50-8	
Iron	**558**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:52	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:52	7440-22-4	
Sodium	**33.6**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:52	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:52	7440-62-2	
Zinc	**46.9**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:52	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:52	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:52	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 11:52	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 10:31	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:31	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 10:31	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 10:31	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85-F **Lab ID: 35125827010** Collected: 02/11/14 15:30 Received: 02/11/14 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		02/16/14 10:31	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:31	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:31	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 10:31	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 10:31	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:31	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 10:31	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 10:31	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:31	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 10:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:31	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 10:31	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 10:31	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 10:31	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		02/16/14 10:31	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/16/14 10:31	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/16/14 10:31	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85-F **Lab ID: 35125827010** Collected: 02/11/14 15:30 Received: 02/11/14 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	**458**	mg/L	5.0	5.0	1		02/17/14 13:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		02/12/14 20:47	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**55.6**	mg/L	5.0	2.5	1		02/12/14 20:47	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		02/12/14 20:47	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.25**	mg/L	0.050	0.020	1		02/16/14 13:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85 **Lab ID: 35125827011** Collected: 02/11/14 16:08 Received: 02/11/14 16:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.36**	Std. Units			1		02/11/14 16:08		
Field Temperature	**22.20**	deg C			1		02/11/14 16:08		
Appearance	**Color: yellow, Sheen: none**				1		02/11/14 16:08		
Field Specific Conductance	**1513**	umhos/cm			1		02/11/14 16:08		
Oxygen, Dissolved	**0.22**	mg/L			1		02/11/14 16:08	7782-44-7	
REDOX	**-42.9**	mV			1		02/11/14 16:08		
Turbidity	**3.25**	NTU			1		02/11/14 16:08		
Depth to Water	**7.20**	feet			1		02/11/14 16:08		
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	02/15/14 11:15	02/16/14 05:02	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	02/15/14 11:15	02/16/14 05:02	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:56	7440-38-2	
Barium	**66.3**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:56	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:56	7440-43-9	
Chromium	**2.9 I**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:56	7440-50-8	
Iron	**5630**	ug/L	40.0	20.0	1	02/12/14 08:40	02/13/14 19:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/12/14 08:40	02/13/14 19:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/12/14 08:40	02/13/14 19:56	7440-22-4	
Sodium	**97.1**	mg/L	1.0	0.50	1	02/12/14 08:40	02/13/14 19:56	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/12/14 08:40	02/13/14 19:56	7440-62-2	
Zinc	**21.2**	ug/L	20.0	10.0	1	02/12/14 08:40	02/13/14 19:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/12/14 08:40	02/13/14 11:55	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 11:54	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		02/16/14 10:57	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:57	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 10:57	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 10:57	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85 **Lab ID: 35125827011** Collected: 02/11/14 16:08 Received: 02/11/14 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		02/16/14 10:57	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:57	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:57	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	56-23-5	
Chlorobenzene	**2.5**	ug/L	1.0	0.50	1		02/16/14 10:57	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 10:57	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 10:57	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	95-50-1	
1,4-Dichlorobenzene	**0.63 I**	ug/L	1.0	0.50	1		02/16/14 10:57	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:57	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 10:57	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 10:57	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:57	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 10:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 10:57	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 10:57	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 10:57	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 10:57	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 10:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		02/16/14 10:57	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/16/14 10:57	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		02/16/14 10:57	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: B85 **Lab ID: 35125827011** Collected: 02/11/14 16:08 Received: 02/11/14 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	**956**	mg/L	10.0	10.0	1		02/17/14 13:41		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.66**	mg/L	0.25	0.22	5		02/12/14 21:07	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**115**	mg/L	25.0	12.5	5		02/12/14 21:07	16887-00-6	
Sulfate	**11.1**	mg/L	5.0	2.5	1		02/16/14 07:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**8.9**	mg/L	0.050	0.020	1		02/16/14 13:38	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: Trip Blank 2/11/14 **Lab ID: 35125827012** Collected: 02/11/14 00:00 Received: 02/11/14 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		02/16/14 06:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:07	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		02/16/14 06:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/16/14 06:07	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/16/14 06:07	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		02/16/14 06:07	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/16/14 06:07	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 06:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/16/14 06:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/16/14 06:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/16/14 06:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		02/16/14 06:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/16/14 06:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/16/14 06:07	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/16/14 06:07	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Sample: Trip Blank 2/11/14 **Lab ID: 35125827012** Collected: 02/11/14 00:00 Received: 02/11/14 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		02/16/14 06:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		02/16/14 06:07	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		02/16/14 06:07	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		02/16/14 06:07	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: MERP/4423 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007

METHOD BLANK: 828283 Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007

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.: 35125827

QC Batch: MERP/4424 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 828302 Matrix: Water
Associated Lab Samples: 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	02/13/14 11:32	

LABORATORY CONTROL SAMPLE: 828303

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828304 828305

Parameter	Units	35125827008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	1.7	1.6	83	79	80-120	5	20	J(M1)

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: MPRP/17023 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 828198 | Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	02/13/14 18:17	
Barium	ug/L	5.0U	10.0	02/13/14 18:17	
Beryllium	ug/L	0.50U	1.0	02/13/14 18:17	
Cadmium	ug/L	0.50U	1.0	02/13/14 18:17	
Chromium	ug/L	2.5U	5.0	02/13/14 18:17	
Cobalt	ug/L	5.0U	10.0	02/13/14 18:17	
Copper	ug/L	2.5U	5.0	02/13/14 18:17	
Iron	ug/L	20.0U	40.0	02/13/14 18:17	
Lead	ug/L	5.0U	10.0	02/13/14 18:17	
Nickel	ug/L	2.5U	5.0	02/13/14 18:17	
Selenium	ug/L	7.5U	15.0	02/13/14 18:17	
Silver	ug/L	2.5U	5.0	02/13/14 18:17	
Sodium	mg/L	0.50U	1.0	02/13/14 18:17	
Vanadium	ug/L	5.0U	10.0	02/13/14 18:17	
Zinc	ug/L	10.0U	20.0	02/13/14 18:17	

LABORATORY CONTROL SAMPLE: 828199

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	249	99	80-120	
Barium	ug/L	250	266	106	80-120	
Beryllium	ug/L	25	25.9	104	80-120	
Cadmium	ug/L	25	25.5	102	80-120	
Chromium	ug/L	250	259	104	80-120	
Cobalt	ug/L	250	262	105	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2650	106	80-120	
Lead	ug/L	250	257	103	80-120	
Nickel	ug/L	250	259	104	80-120	
Selenium	ug/L	250	251	100	80-120	
Silver	ug/L	25	25.8	103	80-120	
Sodium	mg/L	12.5	13.2	105	80-120	
Vanadium	ug/L	250	257	103	80-120	
Zinc	ug/L	1250	1290	103	80-120	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828405 828406

Parameter	Units	35125799019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	259	103	103	75-125	.3	20	
Barium	ug/L	49.7	250	250	324	322	110	109	75-125	.8	20	
Beryllium	ug/L	0.50U	25	25	26.2	26.0	105	104	75-125	.7	20	
Cadmium	ug/L	0.50U	25	25	25.9	25.9	104	104	75-125	0	20	
Chromium	ug/L	2.5U	250	250	266	266	106	106	75-125	.2	20	
Cobalt	ug/L	5.0U	250	250	271	270	108	108	75-125	.4	20	
Copper	ug/L	2.5U	250	250	270	270	107	108	75-125	.4	20	
Iron	ug/L	1590	2500	2500	4360	4320	111	109	75-125	.8	20	
Lead	ug/L	5.0U	250	250	264	263	105	105	75-125	.3	20	
Nickel	ug/L	2.5U	250	250	264	264	105	105	75-125	0	20	
Selenium	ug/L	7.5U	250	250	255	256	102	102	75-125	.4	20	
Silver	ug/L	2.5U	25	25	26.0	26.4	104	106	75-125	2	20	
Sodium	mg/L	10.1	12.5	12.5	24.1	23.8	112	110	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.4	20	
Zinc	ug/L	10.0U	1250	1250	1340	1350	107	108	75-125	.7	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: MPRP/17024 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 828203 | Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	02/13/14 10:33	
Thallium	ug/L	0.50U	1.0	02/13/14 10:33	

LABORATORY CONTROL SAMPLE: 828204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.2	96	80-120	
Thallium	ug/L	50	47.6	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828205 828206

Parameter	Units	35125799018 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	47.9	49.0	96	98	75-125	2	20	
Thallium	ug/L	0.50U	50	50	47.1	47.4	94	95	75-125	.7	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: MSV/10862 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011, 35125827012

METHOD BLANK: 831786 Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011, 35125827012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	02/16/14 02:11	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	02/16/14 02:11	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	02/16/14 02:11	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	02/16/14 02:11	
1,1-Dichloroethane	ug/L	0.50U	1.0	02/16/14 02:11	
1,1-Dichloroethene	ug/L	0.50U	1.0	02/16/14 02:11	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	02/16/14 02:11	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	02/16/14 02:11	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	02/16/14 02:11	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	02/16/14 02:11	
1,2-Dichloroethane	ug/L	0.50U	1.0	02/16/14 02:11	
1,2-Dichloropropane	ug/L	0.50U	1.0	02/16/14 02:11	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	02/16/14 02:11	
2-Butanone (MEK)	ug/L	5.0U	10.0	02/16/14 02:11	
2-Hexanone	ug/L	5.0U	10.0	02/16/14 02:11	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	02/16/14 02:11	
Acetone	ug/L	10.0U	20.0	02/16/14 02:11	
Acrylonitrile	ug/L	5.0U	10.0	02/16/14 02:11	
Benzene	ug/L	0.10U	1.0	02/16/14 02:11	
Bromochloromethane	ug/L	0.50U	1.0	02/16/14 02:11	
Bromodichloromethane	ug/L	0.27U	0.60	02/16/14 02:11	
Bromoform	ug/L	0.50U	1.0	02/16/14 02:11	
Bromomethane	ug/L	0.50U	1.0	02/16/14 02:11	
Carbon disulfide	ug/L	5.0U	10.0	02/16/14 02:11	
Carbon tetrachloride	ug/L	0.50U	1.0	02/16/14 02:11	
Chlorobenzene	ug/L	0.50U	1.0	02/16/14 02:11	
Chloroethane	ug/L	0.50U	1.0	02/16/14 02:11	
Chloroform	ug/L	0.50U	1.0	02/16/14 02:11	
Chloromethane	ug/L	0.62U	1.0	02/16/14 02:11	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	02/16/14 02:11	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	02/16/14 02:11	
Dibromochloromethane	ug/L	0.26U	0.50	02/16/14 02:11	
Dibromomethane	ug/L	0.50U	1.0	02/16/14 02:11	
Ethylbenzene	ug/L	0.50U	1.0	02/16/14 02:11	
Iodomethane	ug/L	0.50U	1.0	02/16/14 02:11	
Methylene Chloride	ug/L	2.5U	5.0	02/16/14 02:11	
Styrene	ug/L	0.50U	1.0	02/16/14 02:11	
Tetrachloroethene	ug/L	0.50U	1.0	02/16/14 02:11	
Toluene	ug/L	0.50U	1.0	02/16/14 02:11	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	02/16/14 02:11	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	02/16/14 02:11	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

METHOD BLANK: 831786 Matrix: Water

Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011, 35125827012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	02/16/14 02:11	
Trichloroethene	ug/L	0.50U	1.0	02/16/14 02:11	
Trichlorofluoromethane	ug/L	0.50U	1.0	02/16/14 02:11	
Vinyl acetate	ug/L	1.0U	2.0	02/16/14 02:11	
Vinyl chloride	ug/L	0.50U	1.0	02/16/14 02:11	
Xylene (Total)	ug/L	0.50U	1.0	02/16/14 02:11	
1,2-Dichloroethane-d4 (S)	%	106	86-125	02/16/14 02:11	
4-Bromofluorobenzene (S)	%	92	70-114	02/16/14 02:11	
Toluene-d8 (S)	%	102	87-113	02/16/14 02:11	

LABORATORY CONTROL SAMPLE: 831787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.9	100	70-130	
1,1,1-Trichloroethane	ug/L	20	21.9	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.7	114	70-130	
1,1,2-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1-Dichloroethane	ug/L	20	20.9	104	70-130	
1,1-Dichloroethene	ug/L	20	20.2	101	70-130	
1,2,3-Trichloropropane	ug/L	20	21.2	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.6	98	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.1	106	70-130	
1,2-Dichlorobenzene	ug/L	20	19.3	97	70-130	
1,2-Dichloroethane	ug/L	20	22.1	111	70-130	
1,2-Dichloropropane	ug/L	20	21.3	107	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2-Butanone (MEK)	ug/L	40	40.1	100	55-167	
2-Hexanone	ug/L	40	45.5	114	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	46.0	115	70-130	
Acetone	ug/L	40	34.0	85	40-150	
Acrylonitrile	ug/L	200	241	120	70-130	
Benzene	ug/L	20	21.3	107	70-130	
Bromochloromethane	ug/L	20	16.5	82	70-130	
Bromodichloromethane	ug/L	20	21.1	105	70-130	
Bromoform	ug/L	20	17.3	86	68-130	
Bromomethane	ug/L	20	15.7	79	38-179	
Carbon disulfide	ug/L	20	18.6	93	51-155	
Carbon tetrachloride	ug/L	20	18.8	94	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	20.8	104	59-149	
Chloroform	ug/L	20	20.7	103	70-130	
Chloromethane	ug/L	20	24.0	120	68-130	
cis-1,2-Dichloroethene	ug/L	20	20.3	101	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.4	102	70-130	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

LABORATORY CONTROL SAMPLE: 831787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	19.2	96	70-130	
Dibromomethane	ug/L	20	20.8	104	70-130	
Ethylbenzene	ug/L	20	21.6	108	70-130	
Iodomethane	ug/L	40	21.9	55	43-160	
Methylene Chloride	ug/L	20	19.1	96	70-130	
Styrene	ug/L	20	20.8	104	70-130	
Tetrachloroethene	ug/L	20	21.8	109	66-133	
Toluene	ug/L	20	20.9	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.0	100	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	15.7	78	65-130	
Trichloroethene	ug/L	20	21.3	107	70-130	
Trichlorofluoromethane	ug/L	20	20.0	100	70-131	
Vinyl acetate	ug/L	40	45.6	114	69-135	
Vinyl chloride	ug/L	20	21.1	106	69-140	
Xylene (Total)	ug/L	60	63.7	106	70-130	
1,2-Dichloroethane-d4 (S)	%			111	86-125	
4-Bromofluorobenzene (S)	%			95	70-114	
Toluene-d8 (S)	%			101	87-113	

MATRIX SPIKE SAMPLE: 832331

Parameter	Units	35125827003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	22.1	111	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	26.1	131	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	24.7	123	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	22.2	111	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	24.2	121	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	24.3	122	45-155	
1,2,3-Trichloropropane	ug/L	0.36U	20	26.4	132	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	21.0	105	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	22.8	114	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.7	103	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	24.7	123	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	23.9	120	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	21.7	109	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	36.8	92	48-138	
2-Hexanone	ug/L	5.0U	40	42.9	107	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	44.4	111	28-143	
Acetone	ug/L	10.0U	40	29.6	74	20-140	
Acrylonitrile	ug/L	5.0U	200	215	108	46-130	
Benzene	ug/L	0.10U	20	24.5	122	53-132	
Bromochloromethane	ug/L	0.50U	20	18.5	92	54-132	
Bromodichloromethane	ug/L	0.27U	20	23.6	118	46-130	
Bromoform	ug/L	0.50U	20	18.5	92	32-130	
Bromomethane	ug/L	0.50U	20	13.6	68	20-152	
Carbon disulfide	ug/L	5.0U	20	19.3	96	28-184	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

MATRIX SPIKE SAMPLE: 832331

Parameter	Units	35125827003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	0.50U	20	22.7	113	37-137	
Chlorobenzene	ug/L	0.50U	20	22.9	115	46-130	
Chloroethane	ug/L	0.50U	20	22.7	114	48-159	
Chloroform	ug/L	0.50U	20	23.7	118	51-130	
Chloromethane	ug/L	0.62U	20	22.2	111	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	23.3	116	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	22.1	110	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.1	106	43-130	
Dibromomethane	ug/L	0.50U	20	22.1	111	50-130	
Ethylbenzene	ug/L	0.50U	20	24.0	120	43-130	
Iodomethane	ug/L	0.50U	40	18.8	47	20-169	
Methylene Chloride	ug/L	2.5U	20	21.3	106	51-135	
Styrene	ug/L	0.50U	20	21.9	109	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.7	94	26-130	
Toluene	ug/L	0.50U	20	23.3	116	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	22.4	112	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	21.1	106	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	15.6	78	20-139	
Trichloroethene	ug/L	0.50U	20	25.0	125	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	22.1	110	46-146	
Vinyl acetate	ug/L	1.0U	40	31.5	79	20-165	
Vinyl chloride	ug/L	0.50U	20	22.5	112	57-142	
Xylene (Total)	ug/L	0.50U	60	70.5	118	42-130	
1,2-Dichloroethane-d4 (S)	%				112	86-125	
4-Bromofluorobenzene (S)	%				94	70-114	
Toluene-d8 (S)	%				102	87-113	

SAMPLE DUPLICATE: 832330

Parameter	Units	35125827002 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	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

SAMPLE DUPLICATE: 832330

Parameter	Units	35125827002 Result	Dup Result	RPD	Max RPD	Qualifiers
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		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	
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	107	.9		
4-Bromofluorobenzene (S)	%	91	93	2		
Toluene-d8 (S)	%	102	101	.4		

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: OEXT/16134 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 831776 Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	02/16/14 01:18	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	02/16/14 01:18	

LABORATORY CONTROL SAMPLE: 831777

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.19	76	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.19	77	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 831778 831779

Parameter	Units	35125827002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0051 U	.44	.44	0.36	0.39	83	88	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.0065 U	.44	.44	0.35	0.38	80	86	60-140	7	40	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: WET/23470 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 832089 | Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	02/17/14 13:36	

LABORATORY CONTROL SAMPLE: 832090

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	302	101	90-110	

SAMPLE DUPLICATE: 832092

Parameter	Units	35126218017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	356	360	1	20	

SAMPLE DUPLICATE: 832315

Parameter	Units	35126218011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	398	405	2	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: WETA/33330 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 828379 — Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	02/12/14 14:40	

LABORATORY CONTROL SAMPLE: 828380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.9	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828381 828382

Parameter	Units	35125827002 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	4.8	4.8	96	96	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828383 828384

Parameter	Units	35125865001 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	ND	5	5	4.7	4.7	94	94	90-110	.02	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: WETA/33332 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 828391 — Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	02/12/14 14:40	
Sulfate	mg/L	2.5U	5.0	02/12/14 14:40	

LABORATORY CONTROL SAMPLE: 828392

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.3	99	90-110	
Sulfate	mg/L	50	48.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828393 828394

Parameter	Units	35125827002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	23.8	50	50	76.9	76.9	106	106	90-110	.04	20	
Sulfate	mg/L	17.8	50	50	68.8	68.9	102	102	90-110	.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 828395 828396

Parameter	Units	35125865001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.7	50	50	47.5	47.4	92	91	90-110	.1	20	
Sulfate	mg/L	ND	50	50	47.0	47.0	94	94	90-110	.03	20	

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QUALITY CONTROL DATA

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

QC Batch: WETA/33462 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

METHOD BLANK: 831944 Matrix: Water
Associated Lab Samples: 35125827001, 35125827002, 35125827003, 35125827004, 35125827005, 35125827006, 35125827007, 35125827008, 35125827009, 35125827010, 35125827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	02/16/14 13:13	

LABORATORY CONTROL SAMPLE: 831945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.98	98	90-110	

MATRIX SPIKE SAMPLE: 831947

Parameter	Units	35125641001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.44	1	1.4	95	90-110	

SAMPLE DUPLICATE: 831946

Parameter	Units	35125641001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.44	0.45	3	20	

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QUALIFIERS

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35125827002	**B87-6**		FLD/		
35125827003	**B87-6 DUP**		FLD/		
35125827004	**B87-F**		FLD/		
35125827005	**B81-4**		FLD/		
35125827006	**B86**		FLD/		
35125827007	**B79-1**		FLD/		
35125827008	**B79-6**		FLD/		
35125827009	**B85-6**		FLD/		
35125827010	**B85-F**		FLD/		
35125827011	**B85**		FLD/		
35125827001	**EQ Blank 2/11/14**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827002	**B87-6**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827003	**B87-6 DUP**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827004	**B87-F**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827005	**B81-4**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827006	**B86**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827007	**B79-1**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827008	**B79-6**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827009	**B85-6**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827010	**B85-F**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827011	**B85**	EPA 8011	OEXT/16134	EPA 8011	GCSV/10635
35125827001	**EQ Blank 2/11/14**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827002	**B87-6**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827003	**B87-6 DUP**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827004	**B87-F**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827005	**B81-4**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827006	**B86**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827007	**B79-1**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827008	**B79-6**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827009	**B85-6**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827010	**B85-F**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827011	**B85**	EPA 3010	MPRP/17023	EPA 6010	ICP/10554
35125827001	**EQ Blank 2/11/14**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827002	**B87-6**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827003	**B87-6 DUP**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827004	**B87-F**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827005	**B81-4**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827006	**B86**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827007	**B79-1**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827008	**B79-6**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827009	**B85-6**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827010	**B85-F**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827011	**B85**	EPA 3010	MPRP/17024	EPA 6020	ICPM/6883
35125827001	**EQ Blank 2/11/14**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125827002	**B87-6**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125827003	**B87-6 DUP**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125827004	**B87-F**	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.: 35125827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35125827005	**B81-4**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125827006	**B86**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125827007	**B79-1**	EPA 7470	MERP/4423	EPA 7470	MERC/4418
35125827008	**B79-6**	EPA 7470	MERP/4424	EPA 7470	MERC/4419
35125827009	**B85-6**	EPA 7470	MERP/4424	EPA 7470	MERC/4419
35125827010	**B85-F**	EPA 7470	MERP/4424	EPA 7470	MERC/4419
35125827011	**B85**	EPA 7470	MERP/4424	EPA 7470	MERC/4419
35125827001	**EQ Blank 2/11/14**	EPA 8260	MSV/10862		
35125827002	**B87-6**	EPA 8260	MSV/10862		
35125827003	**B87-6 DUP**	EPA 8260	MSV/10862		
35125827004	**B87-F**	EPA 8260	MSV/10862		
35125827005	**B81-4**	EPA 8260	MSV/10862		
35125827006	**B86**	EPA 8260	MSV/10862		
35125827007	**B79-1**	EPA 8260	MSV/10862		
35125827008	**B79-6**	EPA 8260	MSV/10862		
35125827009	**B85-6**	EPA 8260	MSV/10862		
35125827010	**B85-F**	EPA 8260	MSV/10862		
35125827011	**B85**	EPA 8260	MSV/10862		
35125827012	**Trip Blank 2/11/14**	EPA 8260	MSV/10862		
35125827001	**EQ Blank 2/11/14**	SM 2540C	WET/23470		
35125827002	**B87-6**	SM 2540C	WET/23470		
35125827003	**B87-6 DUP**	SM 2540C	WET/23470		
35125827004	**B87-F**	SM 2540C	WET/23470		
35125827005	**B81-4**	SM 2540C	WET/23470		
35125827006	**B86**	SM 2540C	WET/23470		
35125827007	**B79-1**	SM 2540C	WET/23470		
35125827008	**B79-6**	SM 2540C	WET/23470		
35125827009	**B85-6**	SM 2540C	WET/23470		
35125827010	**B85-F**	SM 2540C	WET/23470		
35125827011	**B85**	SM 2540C	WET/23470		
35125827001	**EQ Blank 2/11/14**	EPA 300.0	WETA/33330		
35125827002	**B87-6**	EPA 300.0	WETA/33330		
35125827003	**B87-6 DUP**	EPA 300.0	WETA/33330		
35125827004	**B87-F**	EPA 300.0	WETA/33330		
35125827005	**B81-4**	EPA 300.0	WETA/33330		
35125827006	**B86**	EPA 300.0	WETA/33330		
35125827007	**B79-1**	EPA 300.0	WETA/33330		
35125827008	**B79-6**	EPA 300.0	WETA/33330		
35125827009	**B85-6**	EPA 300.0	WETA/33330		
35125827010	**B85-F**	EPA 300.0	WETA/33330		
35125827011	**B85**	EPA 300.0	WETA/33330		
35125827001	**EQ Blank 2/11/14**	EPA 300.0	WETA/33332		
35125827002	**B87-6**	EPA 300.0	WETA/33332		
35125827003	**B87-6 DUP**	EPA 300.0	WETA/33332		
35125827004	**B87-F**	EPA 300.0	WETA/33332		
35125827005	**B81-4**	EPA 300.0	WETA/33332		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka CEP Remediation Benzene
Pace Project No.: 35125827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35125827006	**B86**	EPA 300.0	WETA/33332		
35125827007	**B79-1**	EPA 300.0	WETA/33332		
35125827008	**B79-6**	EPA 300.0	WETA/33332		
35125827009	**B85-6**	EPA 300.0	WETA/33332		
35125827010	**B85-F**	EPA 300.0	WETA/33332		
35125827011	**B85**	EPA 300.0	WETA/33332		
35125827001	**EQ Blank 2/11/14**	EPA 350.1	WETA/33462		
35125827002	**B87-6**	EPA 350.1	WETA/33462		
35125827003	**B87-6 DUP**	EPA 350.1	WETA/33462		
35125827004	**B87-F**	EPA 350.1	WETA/33462		
35125827005	**B81-4**	EPA 350.1	WETA/33462		
35125827006	**B86**	EPA 350.1	WETA/33462		
35125827007	**B79-1**	EPA 350.1	WETA/33462		
35125827008	**B79-6**	EPA 350.1	WETA/33462		
35125827009	**B85-6**	EPA 350.1	WETA/33462		
35125827010	**B85-F**	EPA 350.1	WETA/33462		
35125827011	**B85**	EPA 350.1	WETA/33462		

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WO# : 35125827

35125827

DY / Analytical Request Document

DOCUMENT. All relevant fields must be completed accurately.

Page: | of 1

1678230

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:	

Required Project Information:

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

Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	2028 L4

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	COLLECTED Composite Start TIME	COLLECTED Composite End/GRAB DATE	COLLECTED 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 (NH_3)	8011 EDB	8260 VOC	6010/6020 Hg metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			2-11-14	0839		8	3	1	1	3					X	X	X	X	X	X			L4
2	B86-6						0922																			
3	DUP						0922																			
4	B87-F						1030																			
5	B81-4						1120																			
6	B86						1202																			
7	B79-1						1250																			
8	B79-6						1332																			
9	B85-6						1421																			
10	B85-F						1530																			
11	B85						1608																			
12	TRIP BLANKS								2				2									X				L5

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	MSA / PACE	2-11-14	1655		2/11/14	1655	L2	Y	N	Y
								DVS		

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT

SIGNATURE of SAMPLER: MSA

DATE Signed (MM/DD/YY): 2-11-14

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

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

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: EQ	SAMPLE ID:		DATE: 2-11-14

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: 0833	SAMPLING ENDED AT: 0839
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			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:

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 LAND FILL	
WELL NO: B 87-6 / DUP	SAMPLE ID:	DATE: 2-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 10.50	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)
= (50.00 feet – 10.50 feet) X 0.16 gallons/foot = 6.320 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 0842	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 7.50

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)
0908	6.50	6.50	0.25	10.60	6.66	20.46	527	0.50	0.98	CLEAR	NONE
0910	0.50	7.00	|	|	6.67	20.50	524	0.49	1.13	|	|
0912	0.50	7.50	|	|	6.65	20.53	530	0.45	1.25	|	|

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: 0912	SAMPLING ENDED AT: 0922
PUMP OR TUBING DEPTH IN WELL (feet): 12	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 -90.5 ORP -90.0 ORP -95.3

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B 87-F	SAMPLE ID:	DATE: 2-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.75	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)
= (96.0 feet – 12.75 feet) X 0.16 gallons/foot = 13.32 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): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14	PURGING INITIATED AT: 0927	PURGING ENDED AT: 1025	TOTAL VOLUME PURGED (gallons): 14.50

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)
1021	13.50	13.50	0.25	12.8	6.92	21.88	603	0.22	0.13	CLEAR	none
1023	0.50	14.00	|	|	6.92	21.93	603	0.23	0.13		
1025	0.50	14.50	|	|	6.92	21.91	604	0.21	0.30	|	|

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: 1025	SAMPLING ENDED AT: 1030
PUMP OR TUBING DEPTH IN WELL (feet): 14	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-73.9 ORP-74.2 ORP-72.5

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

SAMPLING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **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 81-4	SAMPLE ID:	DATE: 2-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.50	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)
= (37.00 feet – 3.50 feet) X 0.16 gallons/foot = 5.36 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): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1049	PURGING ENDED AT: 1115	TOTAL VOLUME PURGED (gallons): 6.50

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)
1111	5.50	5.50	0.25	4.80	6.24	20.47	584	0.38	5.17	YELLOW	SULFUR
1113	0.50	6.00			6.21	20.50	596	0.37	4.56		
1115	0.50	6.50			6.24	20.52	620	0.36	2.09		

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: 1115	SAMPLING ENDED AT: 1120
PUMP OR TUBING DEPTH IN WELL (feet): 6	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-36.5 ORP-39.6 ORP -42.1

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B 86-	SAMPLE ID:	DATE: 2-11-14

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)
= (52.25 feet – 7.90 feet) X 0.16 gallons/foot = 7.096 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): 13	PURGING INITIATED AT: 1124	PURGING ENDED AT: 1157	TOTAL VOLUME PURGED (gallons): 8.25

24 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)
1153	7.25	7.25	0.25	11.60	6.41	21.50	1774	0.31	2.95	YELLOW	SULFUR
1155	0.50	7.75	|	|	6.40	21.52	1776	0.30	2.08	|	|
1157	0.50	8.25	|	|	6.40	21.49	1775	0.30	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: 1157	SAMPLING ENDED AT: 1202
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-41.7 ORP -42.3 ORP -42.1

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B79-1	SAMPLE ID:	DATE: 2-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.50	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)
= (43.40 feet – 7.50 feet) X 0.16 gallons/foot = 5.744 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): 9	PURGING INITIATED AT: 1218	PURGING ENDED AT: 1245	TOTAL VOLUME PURGED (gallons): 6.75

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)
1241	5.75	5.75	0.25	7.55	6.29	21.96	2844	0.56	0.94	YELLOW	SULFUR
1243	0.50	6.25	|	|	6.26	21.97	2845	0.55	0.68	|	|
1245	0.50	6.75	|	|	6.24	22.01	2841	0.55	0.69	|	|

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: 1245	SAMPLING ENDED AT: 1250
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-56.5 ORP-54.5 ORP-53.7

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B79-6	SAMPLE ID:	DATE: 2-11-14

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)
= (53.70 feet – 7.30 feet) X 0.16 gallons/foot = 7.424 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): 9	PURGING INITIATED AT: 1253	PURGING ENDED AT: 1327	TOTAL VOLUME PURGED (gallons): 8.50

30 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)
1320	7.50	7.50	0.25	7.35	6.27	21.49	2901	0.35	0.57	YELLOW	SULFUR
1325	0.50	8.00	|	|	6.27	21.50	2907	0.35	0.73	|	|
1327	0.50	8.50	|	|	6.27	21.43	2944	0.34	1.03	|	|

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: 1327	SAMPLING ENDED AT: 1332
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-65.0 ORP-65.1 ORP-645

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 85-6	SAMPLE ID:	DATE: 2-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.30	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)
= (50.00 feet – 7.30 feet) X 0.16 gallons/foot = 6.832 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): 9	PURGING INITIATED AT: 1344	PURGING ENDED AT: 1416	TOTAL VOLUME PURGED (gallons): 8.00

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1412	7.00	7.00	0.25	7.40	6.26	22.82	1914	0.37	2.05	Yellow	Sulfur
1414	0.50	7.50	1	1	6.25	22.80	1912	0.36	1.18	1	1
1416	0.50	8.00			6.24	22.75	1910	0.35	0.84		

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: 1416	SAMPLING ENDED AT: 1421
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:
DRP-38.9 ORP -40.7 ORP -41.4

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B 85 F	SAMPLE ID:	DATE: 2-11-14

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)
= (96.00 feet – 9.80 feet) X 0.16 gallons/foot = 13.792 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): 12	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12	PURGING INITIATED AT: 1425	PURGING ENDED AT: 1525	TOTAL VOLUME PURGED (gallons): 15.00

56 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)
1521	14.00	14.00	0.25	9.90	6.89	22.36	729	0.10	1.18	YELLOW	SULFUR
1523	0.50	14.50	|	|	6.89	22.40	729	0.10	1.27	|	|
1525	0.50	15.00	|	|	6.89	22.30	730	0.10	1.09	|	|

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: 1525	SAMPLING ENDED AT: 1530
PUMP OR TUBING DEPTH IN WELL (feet): 12	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~144.1 ORP-145.0 ORP-143.6

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 85	SAMPLE ID:	DATE: 2-11-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.20	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)
= (43.32 feet – 7.20 feet) X 0.16 gallons/foot = 5.7792 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): 9	PURGING INITIATED AT: 1535	PURGING ENDED AT: 1603	TOTAL VOLUME PURGED (gallons): 9.00

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)
1559	8.00	8.00	0.25	7.25	6.37	22.14	1499	0.23	2.62	YELLOW	SULFUR
1601	0.50	8.50	|	|	6.36	22.20	1506	0.22	2.89	|	|
1603	0.50	9.00	|	|	6.36	22.20	1513	0.22	3.25	|	|

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: 1603	SAMPLING ENDED AT: 1608
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 -40.9 ORP -42.1 ORP -42.9

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)

B 41-1 - 38.20 / 9.00

B 43-1 - 28.70 / 5.10

B 45-1 - 37.08 / 6.00

B 45-2 - 17.60 / 5.90

B 76-1 - 34.30 / 3.30

B 77-1 ~~114.50~~ 53.50 / 11.60

B 79-1 43.40 / 7.50

B 81-4 37.00 / 3.50

B 82-1 38.65 / 6.70

B 83 103.00 / 14.60

B 85 43.32 / 7.20

B 86 52.25 / 7.90

B 76-6 49.90 / 8.00

B 79-6 53.70 / 7.30

B 85-6 50.00 / 7.30

B 85-F 96.00 / 9.80

B 87-6 50 / 10.50

B 87-F 96.00 / 12.75

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 # 35125827

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

Tracking # _____

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

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Date and Initials of person examining contents: 2/11/14 M.R

Thermometer Used T 165 **Type of Ice:** (Wet) Blue None

Cooler Temperature°C 6.3 (Visual) -0.1 (Correction Factor) 6.2 (Actual)
2.0 -0.1 1.9

(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:** 2/14/14

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: _____