

November 18, 2013

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

RE: Project: Tomoka Benzene Reme
Pace Project No.: 35114775

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 06, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Jeff Baylor

jeff.baylor@pacelabs.com
Project Manager

Enclosures

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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

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 Health and Social Services
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 Department of the Environment
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Department of Health and Environmental Control
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 Benzene Reme

Pace Project No.: 35114775

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35114775001	EQ Blank 11/6/13	Water	11/06/13 08:35	11/06/13 15:00
35114775002	B76-6	Water	11/06/13 09:24	11/06/13 15:00
35114775003	B76-6 DUP	Water	11/06/13 09:24	11/06/13 15:00
35114775004	B76-1	Water	11/06/13 10:06	11/06/13 15:00
35114775005	B77	Water	11/06/13 10:37	11/06/13 15:00
35114775006	B83	Water	11/06/13 11:50	11/06/13 15:00
35114775007	B82-1	Water	11/06/13 12:42	11/06/13 15:00
35114775008	B81-4	Water	11/06/13 13:28	11/06/13 15:00
35114775009	B86	Water	11/06/13 14:14	11/06/13 15:00
35114775010	Trip Blank 11/6/13	Water	11/06/13 08:00	11/06/13 15:00

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SAMPLE ANALYTE COUNT

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35114775001	EQ Blank 11/6/13	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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
35114775002	B76-6	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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	AIS, JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35114775003	B76-6 DUP	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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	AIS, JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35114775004	B76-1	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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	AIS, JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35114775005	B77	EPA 8011	IRL	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35114775006	B83	EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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	AIS, JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
		EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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
35114775007	B82-1	EPA 350.1	ADC	1	PASI-O
		EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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
		EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
35114775008	B81-4	EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
		EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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
		EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
35114775009	B86	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
35114775009	B86	EPA 350.1	ADC	1	PASI-O
		EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	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	AIS, JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35114775010	Trip Blank 11/6/13	EPA 8260	SK	50	PASI-O

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: EQ Blank 11/6/13 **Lab ID:** 35114775001 **Collected:** 11/06/13 08:35 **Received:** 11/06/13 15:00 **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	0.0049U	ug/L	0.020	0.0049	1	11/08/13 00:22	11/08/13 17:02	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.0099	0.0062	1	11/08/13 00:22	11/08/13 17:02	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:44	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:44	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:44	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:44	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:44	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:44	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:44	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 07:44	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:44	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:44	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 07:44	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:44	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:44	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:44	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 07:44	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:28	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:28	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:03	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 13:19	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 13:19	107-13-1	L3
Benzene	0.10U	ug/L	1.0	0.10	1		11/10/13 13:19	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 13:19	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 13:19	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 13:19	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 13:19	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 13:19	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: EQ Blank 11/6/13 **Lab ID:** 35114775001 Collected: 11/06/13 08:35 Received: 11/06/13 15:00 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		11/10/13 13:19	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 13:19	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 13:19	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 13:19	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 13:19	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 13:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 13:19	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 13:19	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 13:19	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 13:19	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/10/13 13:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96 %		70-114		1		11/10/13 13:19	460-00-4	
1,2-Dichloroethane-d4 (S)	105 %		86-125		1		11/10/13 13:19	17060-07-0	
Toluene-d8 (S)	106 %		87-113		1		11/10/13 13:19	2037-26-5	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	5.0	mg/L	5.0	5.0	1		11/11/13 06:42		
300.0 IC Anions Analytical Method: EPA 300.0									
Nitrate as N	0.043U	mg/L	0.050	0.043	1		11/07/13 12:55	14797-55-8	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	2.5U	mg/L	5.0	2.5	1		11/07/13 12:55	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/07/13 12:55	14808-79-8	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/10/13 16:12	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-6		Lab ID: 35114775002		Collected: 11/06/13 09:24		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
		Analytical Method:							
Field pH	5.99	Std. Units			1		11/06/13 09:24		
Field Temperature	23.06	deg C			1		11/06/13 09:24		
Appearance	Color: none, Sheen: none				1		11/06/13 09:24		
Field Specific Conductance	1822	umhos/cm			1		11/06/13 09:24		
Oxygen, Dissolved	0.32	mg/L			1		11/06/13 09:24	7782-44-7	
REDOX	-87.0	mV			1		11/06/13 09:24		
Turbidity	0.05	NTU			1		11/06/13 09:24		
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	11/08/13 00:22	11/08/13 17:17	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.011	0.0065	1	11/08/13 00:22	11/08/13 17:17	106-93-4	
6010 MET ICP									
		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:48	7440-38-2	
Barium	114	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:48	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:48	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:48	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:48	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:48	7440-48-4	
Copper	2.7 I	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:48	7440-50-8	
Iron	33800	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 07:48	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:48	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:48	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 07:48	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:48	7440-22-4	
Sodium	121	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:48	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:48	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 07:48	7440-66-6	
6020 MET ICPMS									
		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:32	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:32	7440-28-0	
7470 Mercury									
		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:09	7439-97-6	
8260 MSV									
		Analytical Method: EPA 8260							
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 14:32	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 14:32	107-13-1	L3
Benzene	1.2	ug/L	1.0	0.10	1		11/10/13 14:32	71-43-2	J(D6)
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 14:32	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-6 **Lab ID: 35114775002** Collected: 11/06/13 09:24 Received: 11/06/13 15:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 14:32	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 14:32	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 14:32	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 14:32	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 14:32	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 14:32	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 14:32	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 14:32	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 14:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 14:32	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 14:32	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 14:32	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 14:32	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/10/13 14:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100 %		70-114		1		11/10/13 14:32	460-00-4	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/10/13 14:32	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/10/13 14:32	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	1120	mg/L	10.0	10.0	1		11/11/13 06:42		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-6		Lab ID: 35114775002		Collected: 11/06/13 09:24		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.22U	mg/L	0.25	0.22	5		11/07/13 13:14	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	277	mg/L	25.0	12.5	5		11/07/13 13:14	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/11/13 21:23	14808-79-8	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.11	mg/L	0.050	0.020	1		11/10/13 16:13	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-6 DUP Lab ID: 35114775003 Collected: 11/06/13 09:24 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	5.99	Std. Units			1		11/06/13 09:24		
Field Temperature	23.06	deg C			1		11/06/13 09:24		
Appearance	Color: none, Sheen: none				1		11/06/13 09:24		
Field Specific Conductance	1822	umhos/cm			1		11/06/13 09:24		
Oxygen, Dissolved	0.32	mg/L			1		11/06/13 09:24	7782-44-7	
REDOX	-87.0	mV			1		11/06/13 09:24		
Turbidity	0.05	NTU			1		11/06/13 09:24		
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	11/08/13 00:22	11/08/13 17:33	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/08/13 00:22	11/08/13 17:33	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:51	7440-38-2	
Barium	115	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:51	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:51	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:51	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:51	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:51	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:51	7440-50-8	
Iron	34700	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 07:51	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:51	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:51	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 07:51	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:51	7440-22-4	
Sodium	124	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:51	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:51	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 07:51	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:44	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:44	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:11	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 15:22	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 15:22	107-13-1	J(M0), L3
Benzene	11.3	ug/L	1.0	0.10	1		11/10/13 15:22	71-43-2	J(M1)
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 15:22	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-6 DUP **Lab ID: 35114775003** Collected: 11/06/13 09:24 Received: 11/06/13 15:00 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		11/10/13 15:22	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 15:22	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 15:22	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	56-23-5	
Chlorobenzene	2.5	ug/L	1.0	0.50	1		11/10/13 15:22	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 15:22	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 15:22	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 15:22	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 15:22	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 15:22	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 15:22	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 15:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 15:22	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 15:22	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 15:22	96-18-4	J(M1)
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 15:22	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 15:22	75-01-4	
Xylene (Total)	1.5	ug/L	1.0	0.50	1		11/10/13 15:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98 %		70-114		1		11/10/13 15:22	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/10/13 15:22	17060-07-0	
Toluene-d8 (S)	104 %		87-113		1		11/10/13 15:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-6 DUP		Lab ID: 35114775003		Collected: 11/06/13 09:24		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	1190	mg/L	10.0	10.0	1		11/11/13 06:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.22U	mg/L	0.25	0.22	5		11/07/13 13:34	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	286	mg/L	25.0	12.5	5		11/07/13 13:34	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/11/13 21:35	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.099	mg/L	0.050	0.020	1		11/10/13 16:14	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-1		Lab ID: 35114775004		Collected: 11/06/13 10:06		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.23	Std. Units			1		11/06/13 10:06		
Field Temperature	23.90	deg C			1		11/06/13 10:06		
Appearance	Color: none, Sheen: none				1		11/06/13 10:06		
Field Specific Conductance	1015	umhos/cm			1		11/06/13 10:06		
Oxygen, Dissolved	0.36	mg/L			1		11/06/13 10:06	7782-44-7	
REDOX	-64.1	mV			1		11/06/13 10:06		
Turbidity	1.06	NTU			1		11/06/13 10:06		
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	11/08/13 00:22	11/08/13 16:49	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/08/13 00:22	11/08/13 16:49	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:55	7440-38-2	
Barium	135	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:55	7440-39-3	
Beryllium	0.59 I	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:55	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:55	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:55	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:55	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:55	7440-50-8	
Iron	39700	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 07:55	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:55	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:55	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 07:55	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:55	7440-22-4	
Sodium	91.0	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:55	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:55	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 07:55	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:47	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:47	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:18	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 15:52	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 15:52	107-13-1	L3
Benzene	11.1	ug/L	1.0	0.10	1		11/10/13 15:52	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 15:52	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-1 **Lab ID: 35114775004** Collected: 11/06/13 10:06 Received: 11/06/13 15:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 15:52	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 15:52	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	56-23-5	
Chlorobenzene	2.1	ug/L	1.0	0.50	1		11/10/13 15:52	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 15:52	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 15:52	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 15:52	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	75-35-4	
cis-1,2-Dichloroethene	0.86 I	ug/L	1.0	0.50	1		11/10/13 15:52	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 15:52	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 15:52	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 15:52	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 15:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 15:52	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 15:52	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	127-18-4	
Toluene	0.52 I	ug/L	1.0	0.50	1		11/10/13 15:52	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 15:52	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 15:52	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 15:52	75-01-4	
Xylene (Total)	2.1	ug/L	1.0	0.50	1		11/10/13 15:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98 %		70-114		1		11/10/13 15:52	460-00-4	
1,2-Dichloroethane-d4 (S)	106 %		86-125		1		11/10/13 15:52	17060-07-0	
Toluene-d8 (S)	106 %		87-113		1		11/10/13 15:52	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	810	mg/L	10.0	10.0	1		11/11/13 06:43		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B76-1 Lab ID: 35114775004 Collected: 11/06/13 10:06 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions Analytical Method: EPA 300.0									
Nitrate as N	0.086U	mg/L	0.10	0.086	2		11/07/13 13:53	14797-55-8	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	260	mg/L	100	50.0	20		11/11/13 21:47	16887-00-6	
Sulfate	5.0U	mg/L	10.0	5.0	2		11/07/13 13:53	14808-79-8	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.11	mg/L	0.050	0.020	1		11/10/13 16:17	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B77 Lab ID: 35114775005 Collected: 11/06/13 10:37 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	5.80	Std. Units			1		11/06/13 10:37		
Field Temperature	22.27	deg C			1		11/06/13 10:37		
Appearance	Color: none, Sheen: none				1		11/06/13 10:37		
Field Specific Conductance	1600	umhos/cm			1		11/06/13 10:37		
Oxygen, Dissolved	0.30	mg/L			1		11/06/13 10:37	7782-44-7	
REDOX	-73.0	mV			1		11/06/13 10:37		
Turbidity	0.19	NTU			1		11/06/13 10:37		
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	11/08/13 00:22	11/08/13 17:19	96-12-8	
1,2-Dibromoethane (EDB)	0.0066U	ug/L	0.011	0.0066	1	11/08/13 00:22	11/08/13 17:19	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:58	7440-38-2	
Barium	106	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:58	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:58	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:58	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:58	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:58	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:58	7440-50-8	
Iron	32700	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 07:58	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:58	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:58	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 07:58	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 07:58	7440-22-4	
Sodium	128	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 07:58	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 07:58	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 07:58	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:50	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:50	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:24	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 16:16	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 16:16	107-13-1	L3
Benzene	5.8	ug/L	1.0	0.10	1		11/10/13 16:16	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 16:16	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B77 **Lab ID: 35114775005** Collected: 11/06/13 10:37 Received: 11/06/13 15:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 16:16	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 16:16	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	56-23-5	
Chlorobenzene	1.8	ug/L	1.0	0.50	1		11/10/13 16:16	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 16:16	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 16:16	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 16:16	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 16:16	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 16:16	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 16:16	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 16:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 16:16	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 16:16	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	127-18-4	
Toluene	0.82 I	ug/L	1.0	0.50	1		11/10/13 16:16	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 16:16	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 16:16	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 16:16	75-01-4	
Xylene (Total)	3.1	ug/L	1.0	0.50	1		11/10/13 16:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	121	%	70-114		1		11/10/13 16:16	460-00-4	J(S0)
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		11/10/13 16:16	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/10/13 16:16	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	1210	mg/L	10.0	10.0	1		11/11/13 06:43		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B77		Lab ID: 35114775005		Collected: 11/06/13 10:37		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.22U	mg/L	0.25	0.22	5		11/07/13 15:30	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	271	mg/L	25.0	12.5	5		11/07/13 15:30	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/11/13 21:59	14808-79-8	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.12	mg/L	0.050	0.020	1		11/10/13 16:18	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B83 Lab ID: 35114775006 Collected: 11/06/13 11:50 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.78	Std. Units			1		11/06/13 11:50		
Field Temperature	22.57	deg C			1		11/06/13 11:50		
Appearance	Color: none, Sheen: none				1		11/06/13 11:50		
Field Specific Conductance	601	umhos/cm			1		11/06/13 11:50		
Oxygen, Dissolved	0.07	mg/L			1		11/06/13 11:50	7782-44-7	
REDOX	-75.7	mV			1		11/06/13 11:50		
Turbidity	0.01	NTU			1		11/06/13 11:50		
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	11/08/13 00:22	11/08/13 17:35	96-12-8	
1,2-Dibromoethane (EDB)	0.0066U	ug/L	0.011	0.0066	1	11/08/13 00:22	11/08/13 17:35	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:13	7440-38-2	
Barium	19.5	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:13	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:13	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:13	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:13	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:13	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:13	7440-50-8	
Iron	37.8	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 08:13	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:13	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:13	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 08:13	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:13	7440-22-4	
Sodium	16.3	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:13	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:13	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 08:13	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:53	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:53	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:37	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 16:40	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 16:40	107-13-1	L3
Benzene	0.10U	ug/L	1.0	0.10	1		11/10/13 16:40	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 16:40	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B83 **Lab ID: 35114775006** Collected: 11/06/13 11:50 Received: 11/06/13 15:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 16:40	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 16:40	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 16:40	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 16:40	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 16:40	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 16:40	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 16:40	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 16:40	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 16:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 16:40	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 16:40	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 16:40	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 16:40	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/10/13 16:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	121	%	70-114		1		11/10/13 16:40	460-00-4	S3
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		11/10/13 16:40	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/10/13 16:40	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	370	mg/L	5.0	5.0	1		11/11/13 06:44		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B83 Lab ID: 35114775006 Collected: 11/06/13 11:50 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions Analytical Method: EPA 300.0									
Nitrate as N	0.043U	mg/L	0.050	0.043	1		11/07/13 15:49	14797-55-8	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	21.8	mg/L	5.0	2.5	1		11/07/13 15:49	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/07/13 15:49	14808-79-8	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.34	mg/L	0.050	0.020	1		11/10/13 16:19	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B82-1		Lab ID: 35114775007		Collected: 11/06/13 12:42		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.00	Std. Units			1		11/06/13 12:42		
Field Temperature	24.84	deg C			1		11/06/13 12:42		
Appearance	Color: none, Sheen: none				1		11/06/13 12:42		
Field Specific Conductance	390	umhos/cm			1		11/06/13 12:42		
Oxygen, Dissolved	0.20	mg/L			1		11/06/13 12:42	7782-44-7	
REDOX	-51.9	mV			1		11/06/13 12:42		
Turbidity	0.22	NTU			1		11/06/13 12:42		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/08/13 00:22	11/08/13 17:50	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/08/13 00:22	11/08/13 17:50	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:16	7440-38-2	
Barium	38.0	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:16	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:16	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:16	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:16	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:16	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:16	7440-50-8	
Iron	10500	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 08:16	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:16	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:16	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 08:16	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:16	7440-22-4	
Sodium	12.8	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:16	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:16	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 08:16	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:57	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 08:57	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:39	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 17:03	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 17:03	107-13-1	L3
Benzene	0.10U	ug/L	1.0	0.10	1		11/10/13 17:03	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 17:03	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B82-1 **Lab ID: 35114775007** Collected: 11/06/13 12:42 Received: 11/06/13 15:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 17:03	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 17:03	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 17:03	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 17:03	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 17:03	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 17:03	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 17:03	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 17:03	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 17:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 17:03	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 17:03	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 17:03	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 17:03	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/10/13 17:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	119 %		70-114		1		11/10/13 17:03	460-00-4	S3
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/10/13 17:03	17060-07-0	
Toluene-d8 (S)	106 %		87-113		1		11/10/13 17:03	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	264	mg/L	5.0	5.0	1		11/11/13 06:44		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B82-1 Lab ID: 35114775007 Collected: 11/06/13 12:42 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions Analytical Method: EPA 300.0									
Nitrate as N	0.043U	mg/L	0.050	0.043	1		11/07/13 16:48	14797-55-8	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	37.6	mg/L	5.0	2.5	1		11/07/13 16:48	16887-00-6	
Sulfate	30.0	mg/L	5.0	2.5	1		11/07/13 16:48	14808-79-8	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.11	mg/L	0.050	0.020	1		11/10/13 16:20	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B81-4		Lab ID: 35114775008		Collected: 11/06/13 13:28		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.06	Std. Units			1		11/06/13 13:28		
Field Temperature	22.61	deg C			1		11/06/13 13:28		
Appearance	Color: none, Sheen: none				1		11/06/13 13:28		
Field Specific Conductance	585	umhos/cm			1		11/06/13 13:28		
Oxygen, Dissolved	0.23	mg/L			1		11/06/13 13:28	7782-44-7	
REDOX	-64.1	mV			1		11/06/13 13:28		
Turbidity	0.72	NTU			1		11/06/13 13:28		
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	11/08/13 00:22	11/08/13 18:05	96-12-8	
1,2-Dibromoethane (EDB)	0.0066U	ug/L	0.011	0.0066	1	11/08/13 00:22	11/08/13 18:05	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:20	7440-38-2	
Barium	71.0	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:20	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:20	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:20	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:20	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:20	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:20	7440-50-8	
Iron	9940	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 08:20	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:20	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:20	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 08:20	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:20	7440-22-4	
Sodium	69.9	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:20	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:20	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 08:20	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 09:00	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 09:00	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:42	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 17:27	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 17:27	107-13-1	L3
Benzene	1.0	ug/L	1.0	0.10	1		11/10/13 17:27	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 17:27	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B81-4 **Lab ID: 35114775008** Collected: 11/06/13 13:28 Received: 11/06/13 15:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 17:27	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 17:27	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	56-23-5	
Chlorobenzene	0.59 I	ug/L	1.0	0.50	1		11/10/13 17:27	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 17:27	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 17:27	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 17:27	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 17:27	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 17:27	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 17:27	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 17:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 17:27	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 17:27	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 17:27	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 17:27	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/10/13 17:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	134 %		70-114		1		11/10/13 17:27	460-00-4	J(S0)
1,2-Dichloroethane-d4 (S)	99 %		86-125		1		11/10/13 17:27	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/10/13 17:27	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	403	mg/L	5.0	5.0	1		11/11/13 06:44		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B81-4		Lab ID: 35114775008		Collected: 11/06/13 13:28		Received: 11/06/13 15:00		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.043U	mg/L	0.050	0.043	1		11/07/13 17:07	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	88.5	mg/L	5.0	2.5	1		11/07/13 17:07	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/07/13 17:07	14808-79-8	
350.1 Ammonia		Analytical Method: EPA 350.1							
Nitrogen, Ammonia	0.13	mg/L	0.050	0.020	1		11/10/13 16:20	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B86 Lab ID: 35114775009 Collected: 11/06/13 14:14 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	5.96	Std. Units			1		11/06/13 14:14		
Field Temperature	22.49	deg C			1		11/06/13 14:14		
Appearance	Color: yellow, Sheen: none				1		11/06/13 14:14		
Field Specific Conductance	1962	umhos/cm			1		11/06/13 14:14		
Oxygen, Dissolved	0.19	mg/L			1		11/06/13 14:14	7782-44-7	
REDOX	-96.3	mV			1		11/06/13 14:14		
Turbidity	0.24	NTU			1		11/06/13 14:14		
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	11/08/13 23:12	11/09/13 10:25	96-12-8	
1,2-Dibromoethane (EDB)	0.0068U	ug/L	0.011	0.0068	1	11/08/13 23:12	11/09/13 10:25	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:23	7440-38-2	
Barium	127	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:23	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:23	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:23	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:23	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:23	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:23	7440-50-8	
Iron	13900	ug/L	40.0	20.0	1	11/07/13 11:55	11/08/13 08:23	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:23	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:23	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/07/13 11:55	11/08/13 08:23	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/07/13 11:55	11/08/13 08:23	7440-22-4	
Sodium	269	mg/L	1.0	0.50	1	11/07/13 11:55	11/08/13 08:23	7440-23-5	J(M1)
Vanadium	5.0U	ug/L	10.0	5.0	1	11/07/13 11:55	11/08/13 08:23	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/07/13 11:55	11/08/13 08:23	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 09:03	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/07/13 11:55	11/11/13 09:03	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/07/13 14:45	11/08/13 13:44	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	10.0U	ug/L	20.0	10.0	1		11/10/13 17:53	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 17:53	107-13-1	L3
Benzene	10.5	ug/L	1.0	0.10	1		11/10/13 17:53	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 17:53	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	75-25-2	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B86 Lab ID: 35114775009 Collected: 11/06/13 14:14 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 17:53	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 17:53	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	56-23-5	
Chlorobenzene	8.9	ug/L	1.0	0.50	1		11/10/13 17:53	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 17:53	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 17:53	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 17:53	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 17:53	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 17:53	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 17:53	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 17:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 17:53	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 17:53	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 17:53	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 17:53	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 17:53	75-01-4	
Xylene (Total)	0.96 I	ug/L	1.0	0.50	1		11/10/13 17:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	115 %		70-114		1		11/10/13 17:53	460-00-4	J(S0)
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/10/13 17:53	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/10/13 17:53	2037-26-5	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	1170	mg/L	10.0	10.0	1		11/11/13 06:44		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: B86 Lab ID: 35114775009 Collected: 11/06/13 14:14 Received: 11/06/13 15:00 Matrix: Water									
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions Analytical Method: EPA 300.0									
Nitrate as N	0.22U	mg/L	0.25	0.22	5		11/07/13 17:26	14797-55-8	
300.0 IC Anions 28 Days Analytical Method: EPA 300.0									
Chloride	152	mg/L	25.0	12.5	5		11/07/13 17:26	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/11/13 22:11	14808-79-8	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.20	mg/L	0.050	0.020	1		11/10/13 16:21	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: Trip Blank 11/6/13 **Lab ID:** 35114775010 **Collected:** 11/06/13 08:00 **Received:** 11/06/13 15:00 **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		11/10/13 13:42	67-64-1	L3
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/10/13 13:42	107-13-1	
Benzene	0.10U	ug/L	1.0	0.10	1		11/10/13 13:42	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/10/13 13:42	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/10/13 13:42	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/10/13 13:42	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/10/13 13:42	74-87-3	
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/10/13 13:42	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/10/13 13:42	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/10/13 13:42	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 13:42	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/10/13 13:42	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/10/13 13:42	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/10/13 13:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/10/13 13:42	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/10/13 13:42	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/10/13 13:42	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/10/13 13:42	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/10/13 13:42	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Sample: Trip Blank 11/6/13 Lab ID: 35114775010 Collected: 11/06/13 08:00 Received: 11/06/13 15:00 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		11/10/13 13:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96 %		70-114		1		11/10/13 13:42	460-00-4	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/10/13 13:42	17060-07-0	
Toluene-d8 (S)	105 %		87-113		1		11/10/13 13:42	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch: MERP/4207

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury

Associated Lab Samples: 35114775001, 35114775002, 35114775003

METHOD BLANK: 761506

Matrix: Water

Associated Lab Samples: 35114775001, 35114775002, 35114775003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/08/13 12:03	

LABORATORY CONTROL SAMPLE: 761507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761508

761509

Parameter	Units	35114364001 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	100	100	80-120	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch: MERP/4208

Analysis Method: EPA 7470

QC Batch Method: EPA 7470

Analysis Description: 7470 Mercury

Associated Lab Samples: 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009

METHOD BLANK: 761510

Matrix: Water

Associated Lab Samples: 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/08/13 13:14	

LABORATORY CONTROL SAMPLE: 761511

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761512

761513

Parameter	Units	35114775004 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	1.8	1.7	88	86	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch: MPRP/15783 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009

METHOD BLANK: 761118

Matrix: Water

Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/08/13 06:43	
Barium	ug/L	5.0U	10.0	11/08/13 06:43	
Beryllium	ug/L	0.50U	1.0	11/08/13 06:43	
Cadmium	ug/L	0.50U	1.0	11/08/13 06:43	
Chromium	ug/L	2.5U	5.0	11/08/13 06:43	
Cobalt	ug/L	5.0U	10.0	11/08/13 06:43	
Copper	ug/L	2.5U	5.0	11/08/13 06:43	
Iron	ug/L	20.0U	40.0	11/08/13 06:43	
Lead	ug/L	5.0U	10.0	11/08/13 06:43	
Nickel	ug/L	2.5U	5.0	11/08/13 06:43	
Selenium	ug/L	7.5U	15.0	11/08/13 06:43	
Silver	ug/L	2.5U	5.0	11/08/13 06:43	
Sodium	mg/L	0.50U	1.0	11/08/13 06:43	
Vanadium	ug/L	5.0U	10.0	11/08/13 06:43	
Zinc	ug/L	10.0U	20.0	11/08/13 06:43	

LABORATORY CONTROL SAMPLE: 761119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	246	98	80-120	
Barium	ug/L	250	256	102	80-120	
Beryllium	ug/L	25	26.6	106	80-120	
Cadmium	ug/L	25	26.2	105	80-120	
Chromium	ug/L	250	270	108	80-120	
Cobalt	ug/L	250	262	105	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2600	104	80-120	
Lead	ug/L	250	266	106	80-120	
Nickel	ug/L	250	265	106	80-120	
Selenium	ug/L	250	250	100	80-120	
Silver	ug/L	25	25.3	101	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	260	104	80-120	
Zinc	ug/L	1250	1270	101	80-120	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761120 761121											
Parameter	Units	35114775009 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
			Spike Conc.	Spike Conc.						RPD	RPD
Arsenic	ug/L	5.0U	250	250	261	262	104	105	75-125	.4	20
Barium	ug/L	127	250	250	385	386	103	104	75-125	.3	20
Beryllium	ug/L	0.50U	25	25	26.4	26.4	104	104	75-125	.08	20
Cadmium	ug/L	0.50U	25	25	25.4	25.6	102	102	75-125	.8	20
Chromium	ug/L	2.5U	250	250	264	263	105	104	75-125	.5	20
Cobalt	ug/L	5.0U	250	250	257	259	103	103	75-125	.5	20
Copper	ug/L	2.5U	250	250	265	264	105	105	75-125	.5	20
Iron	ug/L	13900	2500	2500	16600	16500	108	107	75-125	.1	20
Lead	ug/L	5.0U	250	250	258	258	103	103	75-125	.3	20
Nickel	ug/L	2.5U	250	250	257	257	103	103	75-125	.08	20
Selenium	ug/L	7.5U	250	250	254	256	101	102	75-125	.4	20
Silver	ug/L	2.5U	25	25	26.6	26.7	105	105	75-125	.5	20
Sodium	mg/L	269	12.5	12.5	285	285	130	126	75-125	.2	20 J(M1)
Vanadium	ug/L	5.0U	250	250	259	259	103	103	75-125	0	20
Zinc	ug/L	10.0U	1250	1250	1310	1320	105	105	75-125	.5	20

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch:	MPRP/15784	Analysis Method:	EPA 6020
QC Batch Method:	EPA 3010	Analysis Description:	6020 MET
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

METHOD BLANK: 761122 Matrix: Water

Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/11/13 07:35	
Thallium	ug/L	0.50U	1.0	11/11/13 07:35	

LABORATORY CONTROL SAMPLE: 761123

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	50.5	101	80-120	
Thallium	ug/L	50	51.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761124 761125

Parameter	Units	35113329026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	49.5	50.3	98	100	70-130	1	20	
Thallium	ug/L	0.50U	50	50	51.1	51.2	102	102	70-130	.08	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch:	MSV/10135	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009, 35114775010		

METHOD BLANK: 764270 Matrix: Water

Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009, 35114775010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/10/13 12:55	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/10/13 12:55	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/10/13 12:55	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/10/13 12:55	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/10/13 12:55	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/10/13 12:55	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/10/13 12:55	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/10/13 12:55	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/10/13 12:55	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/10/13 12:55	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/10/13 12:55	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/10/13 12:55	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/10/13 12:55	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/10/13 12:55	
2-Hexanone	ug/L	5.0U	10.0	11/10/13 12:55	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/10/13 12:55	
Acetone	ug/L	10.0U	20.0	11/10/13 12:55	
Acrylonitrile	ug/L	5.0U	10.0	11/10/13 12:55	
Benzene	ug/L	0.10U	1.0	11/10/13 12:55	
Bromochloromethane	ug/L	0.50U	1.0	11/10/13 12:55	
Bromodichloromethane	ug/L	0.27U	0.60	11/10/13 12:55	
Bromoform	ug/L	0.50U	1.0	11/10/13 12:55	
Bromomethane	ug/L	0.50U	1.0	11/10/13 12:55	
Carbon disulfide	ug/L	5.0U	10.0	11/10/13 12:55	
Carbon tetrachloride	ug/L	0.50U	1.0	11/10/13 12:55	
Chlorobenzene	ug/L	0.50U	1.0	11/10/13 12:55	
Chloroethane	ug/L	0.50U	1.0	11/10/13 12:55	
Chloroform	ug/L	0.50U	1.0	11/10/13 12:55	
Chloromethane	ug/L	0.62U	1.0	11/10/13 12:55	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/10/13 12:55	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/10/13 12:55	
Dibromochloromethane	ug/L	0.26U	0.50	11/10/13 12:55	
Dibromomethane	ug/L	0.50U	1.0	11/10/13 12:55	
Ethylbenzene	ug/L	0.50U	1.0	11/10/13 12:55	
Iodomethane	ug/L	0.50U	1.0	11/10/13 12:55	
Methylene Chloride	ug/L	2.5U	5.0	11/10/13 12:55	
Styrene	ug/L	0.50U	1.0	11/10/13 12:55	
Tetrachloroethene	ug/L	0.50U	1.0	11/10/13 12:55	
Toluene	ug/L	0.50U	1.0	11/10/13 12:55	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/10/13 12:55	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/10/13 12:55	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

METHOD BLANK: 764270

Matrix: Water

Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009, 35114775010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/10/13 12:55	
Trichloroethene	ug/L	0.50U	1.0	11/10/13 12:55	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/10/13 12:55	
Vinyl acetate	ug/L	1.0U	2.0	11/10/13 12:55	
Vinyl chloride	ug/L	0.50U	1.0	11/10/13 12:55	
Xylene (Total)	ug/L	0.50U	1.0	11/10/13 12:55	
1,2-Dichloroethane-d4 (S)	%	106	86-125	11/10/13 12:55	
4-Bromofluorobenzene (S)	%	99	70-114	11/10/13 12:55	
Toluene-d8 (S)	%	105	87-113	11/10/13 12:55	

LABORATORY CONTROL SAMPLE: 764271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.5	108	70-130	
1,1,1-Trichloroethane	ug/L	20	20.5	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.3	111	70-130	
1,1,2-Trichloroethane	ug/L	20	22.7	114	70-130	
1,1-Dichloroethane	ug/L	20	19.0	95	70-130	
1,1-Dichloroethene	ug/L	20	16.4	82	70-130	
1,2,3-Trichloropropane	ug/L	20	24.4	122	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	23.8	119	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.4	107	70-130	
1,2-Dichlorobenzene	ug/L	20	23.5	117	70-130	
1,2-Dichloroethane	ug/L	20	20.1	100	70-130	
1,2-Dichloropropane	ug/L	20	23.6	118	70-130	
1,4-Dichlorobenzene	ug/L	20	22.4	112	70-130	
2-Butanone (MEK)	ug/L	40	44.1	110	55-167	
2-Hexanone	ug/L	40	39.2	98	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.0	100	70-130	
Acetone	ug/L	40	40.4	101	40-150	
Acrylonitrile	ug/L	100	228	228	70-130 J(L0)	
Benzene	ug/L	20	19.0	95	70-130	
Bromochloromethane	ug/L	20	19.7	98	70-130	
Bromodichloromethane	ug/L	20	20.7	103	70-130	
Bromoform	ug/L	20	22.5	112	68-130	
Bromomethane	ug/L	20	17.0	85	38-179	
Carbon disulfide	ug/L	20	21.9	110	51-155	
Carbon tetrachloride	ug/L	20	20.7	103	70-130	
Chlorobenzene	ug/L	20	20.7	104	70-130	
Chloroethane	ug/L	20	17.6	88	59-149	
Chloroform	ug/L	20	20.5	102	70-130	
Chloromethane	ug/L	20	20.8	104	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.5	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	24.2	121	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

LABORATORY CONTROL SAMPLE: 764271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	22.3	111	70-130	
Dibromomethane	ug/L	20	21.3	107	70-130	
Ethylbenzene	ug/L	20	21.0	105	70-130	
Iodomethane	ug/L	40	37.8	94	43-160	
Methylene Chloride	ug/L	20	17.5	87	70-130	
Styrene	ug/L	20	22.0	110	70-130	
Tetrachloroethene	ug/L	20	20.9	104	66-133	
Toluene	ug/L	20	19.7	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	
trans-1,3-Dichloropropene	ug/L	20	24.8	124	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	20.6	103	65-130	
Trichloroethene	ug/L	20	19.8	99	70-130	
Trichlorofluoromethane	ug/L	20	17.4	87	70-131	
Vinyl acetate	ug/L	40	43.7	109	69-135	
Vinyl chloride	ug/L	20	19.8	99	69-140	
Xylene (Total)	ug/L	60	65.2	109	70-130	
1,2-Dichloroethane-d4 (S)	%			93	86-125	
4-Bromofluorobenzene (S)	%			102	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 764436

Parameter	Units	35114775003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.5	108	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.3	106	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20.1	101	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.8	109	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.3	96	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	19.3	96	45-155	
1,2,3-Trichloropropane	ug/L	0.36U	20	27.2	136	31-132	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	23.3	116	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20.3	102	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	21.3	107	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	20.2	101	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	23.9	119	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	20.7	102	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	42.4	106	48-138	
2-Hexanone	ug/L	5.0U	40	47.4	118	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	44.4	111	28-143	
Acetone	ug/L	10.0U	40	43.6	96	20-140	
Acrylonitrile	ug/L	5.0U	100	181	181	46-130	J(M0)
Benzene	ug/L	11.3	20	21.5	51	53-132	J(M1)
Bromochloromethane	ug/L	0.50U	20	19.2	96	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.9	105	46-130	
Bromoform	ug/L	0.50U	20	20.5	102	32-130	
Bromomethane	ug/L	0.50U	20	15.2	76	20-152	
Carbon disulfide	ug/L	5.0U	20	25.0	125	28-184	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

MATRIX SPIKE SAMPLE: 764436		35114775003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Carbon tetrachloride	ug/L	0.50U	20	21.8	109	37-137	
Chlorobenzene	ug/L	2.5	20	21.8	97	46-130	
Chloroethane	ug/L	0.50U	20	22.1	111	48-159	
Chloroform	ug/L	0.50U	20	21.3	107	51-130	
Chloromethane	ug/L	0.62U	20	20.6	103	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20.1	101	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	22.9	115	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.2	106	43-130	
Dibromomethane	ug/L	0.50U	20	20.7	103	50-130	
Ethylbenzene	ug/L	0.50U	20	21.3	105	43-130	
Iodomethane	ug/L	0.50U	40	41.6	104	20-169	
Methylene Chloride	ug/L	2.5U	20	18.5	93	51-135	
Styrene	ug/L	0.50U	20	20.7	104	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.5	103	26-130	
Toluene	ug/L	0.50U	20	19.7	98	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.4	97	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	23.4	117	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	18.7	94	20-139	
Trichloroethene	ug/L	0.50U	20	20.3	102	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	20.4	102	46-146	
Vinyl acetate	ug/L	1.0U	40	39.2	98	20-165	
Vinyl chloride	ug/L	0.50U	20	19.5	97	57-142	
Xylene (Total)	ug/L	1.5	60	66.9	109	42-130	
1,2-Dichloroethane-d4 (S)	%				92	86-125	
4-Bromofluorobenzene (S)	%				106	70-114	
Toluene-d8 (S)	%				101	87-113	

SAMPLE DUPLICATE: 764435

Parameter	Units	35114775002	Dup	RPD	Max	
		Result	Result		RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.36U	0.36U		40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	1.0U		40	
1,2-Dibromoethane (EDB)	ug/L	0.50U	0.50U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

SAMPLE DUPLICATE: 764435

Parameter	Units	35114775002 Result	Dup Result	RPD	Max RPD	Qualifiers
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	1.2	4.4	116	40	J(D6)
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	1.3		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	0.84 I		40	
1,2-Dichloroethane-d4 (S)	%	100	103	3		
4-Bromofluorobenzene (S)	%	100	96	4		
Toluene-d8 (S)	%	102	103	.9		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch: OEXT/14953 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008

METHOD BLANK: 761651 Matrix: Water
Associated Lab Samples: 35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/08/13 12:41	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/08/13 12:41	

LABORATORY CONTROL SAMPLE: 761652

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.24	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.23	92	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761653 761654

Parameter	Units	35114260004 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	0.21	.44	.44	0.63	0.61	97	92	60-140	4	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.41	0.40	94	93	60-140	1	40	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch: OEXT/14968

Analysis Method: EPA 8011

QC Batch Method: EPA 8011

Analysis Description: 8011 EDB DBCP

Associated Lab Samples: 35114775009

METHOD BLANK: 762927

Matrix: Water

Associated Lab Samples: 35114775009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/09/13 09:55	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/09/13 09:55	J(F5)

LABORATORY CONTROL SAMPLE: 762928

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.24	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.28	113	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 762929

762930

Parameter	Units	35114775009 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	0.0054 U	.44	.44	0.42	0.43	96	98	60-140	2	40	
1,2-Dibromoethane (EDB)	ug/L	0.0068 U	.44	.44	0.53	0.51	121	116	60-140	4	40	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch:	WET/22030	Analysis Method:	SM 2540C
QC Batch Method:	SM 2540C	Analysis Description:	2540C Total Dissolved Solids
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

METHOD BLANK:	764322	Matrix:	Water
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/11/13 06:39	

LABORATORY CONTROL SAMPLE: 764323						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	286	95	90-110	

SAMPLE DUPLICATE: 764324						
Parameter	Units	35114877001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	255	263	3	20	

SAMPLE DUPLICATE: 764325						
Parameter	Units	35114775008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	403	403	.00000000003	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch:	WETA/30921	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

METHOD BLANK:	761313	Matrix:	Water
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	11/07/13 10:20	

LABORATORY CONTROL SAMPLE: 761314

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.0	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761315 761316											
Parameter	Units	35114775004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD
Nitrate as N	mg/L	0.086U	10	10	9.8	9.8	98	98	90-110	.06	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761317 761318											
Parameter	Units	35114775006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	99	100	90-110	.4	20

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch:	WETA/30922	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

METHOD BLANK:	761319	Matrix:	Water
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/07/13 10:20	
Sulfate	mg/L	2.5U	5.0	11/07/13 10:20	

LABORATORY CONTROL SAMPLE: 761320						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.1	96	90-110	
Sulfate	mg/L	50	49.0	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761321761322												
Parameter	Units	35114775004	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
		Result	Spike	Spike								
Chloride	mg/L	260	100	100	446	445	186	186	90-110	.2	20	L
Sulfate	mg/L	5.0U	100	100	100	101	97	97	90-110	.3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 761323761324												
Parameter	Units	35114775006	MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
		Result	Spike	Spike								
Chloride	mg/L	21.8	50	50	74.2	74.1	105	105	90-110	.08	20	
Sulfate	mg/L	2.5U	50	50	49.6	49.4	96	95	90-110	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

QC Batch:	WETA/31003	Analysis Method:	EPA 350.1
QC Batch Method:	EPA 350.1	Analysis Description:	350.1 Ammonia
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

METHOD BLANK:	764228	Matrix:	Water
Associated Lab Samples:	35114775001, 35114775002, 35114775003, 35114775004, 35114775005, 35114775006, 35114775007, 35114775008, 35114775009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/10/13 15:56	

LABORATORY CONTROL SAMPLE: 764229		Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.1	109	90-110	

MATRIX SPIKE SAMPLE: 764231		35114470001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	17.1	5	22.9	115	90-110	J(M1)

SAMPLE DUPLICATE: 764230		35114470001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	17.1	17.2	.4	20	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Tomoka Benzene Reme
Pace Project No.: 35114775

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(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
 J(F5) The recovery of the analyte in the CRDL standard (also known as the reporting limit verification) did not meet the acceptance criteria.
 J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
 J(M0) Estimated Value. Matrix spike recovery was outside laboratory control limits.
 J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
 J(S0) Estimated Value. Surrogate recovery outside laboratory control limits.
 L Off-scale high. Actual value is known to be greater than value given.
 L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
 S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35114775002	B76-6		FLD/		
35114775003	B76-6 DUP		FLD/		
35114775004	B76-1		FLD/		
35114775005	B77		FLD/		
35114775006	B83		FLD/		
35114775007	B82-1		FLD/		
35114775008	B81-4		FLD/		
35114775009	B86		FLD/		
35114775001	EQ Blank 11/6/13	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775002	B76-6	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775003	B76-6 DUP	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775004	B76-1	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775005	B77	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775006	B83	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775007	B82-1	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775008	B81-4	EPA 8011	OEXT/14953	EPA 8011	GCSV/9908
35114775009	B86	EPA 8011	OEXT/14968	EPA 8011	GCSV/9927
35114775001	EQ Blank 11/6/13	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775002	B76-6	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775003	B76-6 DUP	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775004	B76-1	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775005	B77	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775006	B83	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775007	B82-1	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775008	B81-4	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775009	B86	EPA 3010	MPRP/15783	EPA 6010	ICP/9858
35114775001	EQ Blank 11/6/13	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775002	B76-6	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775003	B76-6 DUP	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775004	B76-1	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775005	B77	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775006	B83	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775007	B82-1	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775008	B81-4	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775009	B86	EPA 3010	MPRP/15784	EPA 6020	ICPM/6389
35114775001	EQ Blank 11/6/13	EPA 7470	MERP/4207	EPA 7470	MERC/4203
35114775002	B76-6	EPA 7470	MERP/4207	EPA 7470	MERC/4203
35114775003	B76-6 DUP	EPA 7470	MERP/4207	EPA 7470	MERC/4203
35114775004	B76-1	EPA 7470	MERP/4208	EPA 7470	MERC/4204
35114775005	B77	EPA 7470	MERP/4208	EPA 7470	MERC/4204
35114775006	B83	EPA 7470	MERP/4208	EPA 7470	MERC/4204
35114775007	B82-1	EPA 7470	MERP/4208	EPA 7470	MERC/4204
35114775008	B81-4	EPA 7470	MERP/4208	EPA 7470	MERC/4204
35114775009	B86	EPA 7470	MERP/4208	EPA 7470	MERC/4204
35114775001	EQ Blank 11/6/13	EPA 8260	MSV/10135		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Benzene Reme

Pace Project No.: 35114775

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35114775002	B76-6	EPA 8260	MSV/10135		
35114775003	B76-6 DUP	EPA 8260	MSV/10135		
35114775004	B76-1	EPA 8260	MSV/10135		
35114775005	B77	EPA 8260	MSV/10135		
35114775006	B83	EPA 8260	MSV/10135		
35114775007	B82-1	EPA 8260	MSV/10135		
35114775008	B81-4	EPA 8260	MSV/10135		
35114775009	B86	EPA 8260	MSV/10135		
35114775010	Trip Blank 11/6/13	EPA 8260	MSV/10135		
35114775001	EQ Blank 11/6/13	SM 2540C	WET/22030		
35114775002	B76-6	SM 2540C	WET/22030		
35114775003	B76-6 DUP	SM 2540C	WET/22030		
35114775004	B76-1	SM 2540C	WET/22030		
35114775005	B77	SM 2540C	WET/22030		
35114775006	B83	SM 2540C	WET/22030		
35114775007	B82-1	SM 2540C	WET/22030		
35114775008	B81-4	SM 2540C	WET/22030		
35114775009	B86	SM 2540C	WET/22030		
35114775001	EQ Blank 11/6/13	EPA 300.0	WETA/30921		
35114775002	B76-6	EPA 300.0	WETA/30921		
35114775003	B76-6 DUP	EPA 300.0	WETA/30921		
35114775004	B76-1	EPA 300.0	WETA/30921		
35114775005	B77	EPA 300.0	WETA/30921		
35114775006	B83	EPA 300.0	WETA/30921		
35114775007	B82-1	EPA 300.0	WETA/30921		
35114775008	B81-4	EPA 300.0	WETA/30921		
35114775009	B86	EPA 300.0	WETA/30921		
35114775001	EQ Blank 11/6/13	EPA 300.0	WETA/30922		
35114775002	B76-6	EPA 300.0	WETA/30922		
35114775003	B76-6 DUP	EPA 300.0	WETA/30922		
35114775004	B76-1	EPA 300.0	WETA/30922		
35114775005	B77	EPA 300.0	WETA/30922		
35114775006	B83	EPA 300.0	WETA/30922		
35114775007	B82-1	EPA 300.0	WETA/30922		
35114775008	B81-4	EPA 300.0	WETA/30922		
35114775009	B86	EPA 300.0	WETA/30922		
35114775001	EQ Blank 11/6/13	EPA 350.1	WETA/31003		
35114775002	B76-6	EPA 350.1	WETA/31003		
35114775003	B76-6 DUP	EPA 350.1	WETA/31003		
35114775004	B76-1	EPA 350.1	WETA/31003		
35114775005	B77	EPA 350.1	WETA/31003		
35114775006	B83	EPA 350.1	WETA/31003		
35114775007	B82-1	EPA 350.1	WETA/31003		
35114775008	B81-4	EPA 350.1	WETA/31003		
35114775009	B86	EPA 350.1	WETA/31003		

REPORT OF LABORATORY ANALYSIS

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Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY		SITE LOCATION: TOMOKA LANDFILL	
WELL NO: EQ	SAMPLE ID:		DATE: 11-6-13

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

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

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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUNTA COUNTY		SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B76-6 / DUP	SAMPLE ID:		DATE: 11-6-13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	SAMPLING INITIATED AT: 0912	SAMPLING ENDED AT: 0924						
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE/S	FIELD-FILTERED: Y Filtration Equipment Type:	FILTER SIZE: _____ µm						
FIELD DECONTAMINATION: PUMP <input checked="" type="radio"/> N TUBING <input checked="" type="radio"/> N (replaced)		DUPLICATE: <input checked="" type="radio"/> Y <input type="radio"/> N							
SAMPLE CONTAINER SPECIFICATION		SAMPLE PRESERVATION							
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
REMARKS: ORP-84.0 ORP-86.1 ORP-87.0									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailor; 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:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ 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 $\pm 10\%$ (whichever is greater)



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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY		SITE LOCATION: TOMORRA LAND FILL	
WELL NO: B76-1	SAMPLE ID:	DATE: 11-6-13	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.35	PURGE PUMP TYPE OR BAILER: PP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (34.30 feet - 4.35 feet) X 0.16 gallons/foot = 4.792 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): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 0936	PURGING ENDED AT: 1000	TOTAL VOLUME PURGED (gallons): 6.00							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0956	5.00	5.00	0.25	4.95	5.21	23.99	1019	0.43	1.41	clear	SOULFO
0958	0.50	5.50	↓	↓	5.21	23.89	1017	0.40	1.31	↓	↓
1000	0.50	6.00	↓	↓	5.23	23.90	1015	0.36	1.06	↓	↓
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: 1000		SAMPLING ENDED AT: 1006			
PUMP OR TUBING DEPTH IN WELL (feet): 6				TUBING MATERIAL CODE: PE, S			FIELD-FILTERED: Y (N)		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-62.9 ORP-63.2 ORP-64.1												
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; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)												

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

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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY		SITE LOCATION: TOMOKA LAND FILL	
WELL NO: B77	SAMPLE ID:	DATE: 11-6-13	

PURGING DATA

[illegible]

SAMPLING DATA

[illegible]

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

2. **STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3):**
pH: ± 0.2 units **Temperature:** $\pm 0.2^{\circ}\text{C}$ **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $\pm 0.2\text{ mg/L}$ or $\pm 10\%$ (whichever is greater) **Turbidity:** all readings $\leq 20\text{ NTU}$; optionally $\pm 5\text{ NTU}$ or $\pm 10\%$ (whichever is greater)

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY		SITE LOCATION: TOMOKA LAND FILL	
WELL NO: 383	SAMPLE ID:		DATE: 11-6-13

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:						SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:	SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE:	FIELD-FILTERED: Y/N	Filtration Equipment Type:	FILTER SIZE: _____ µm							
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE:	FIELD-FILTERED: Y/N	Filtration Equipment Type:	FILTER SIZE: _____ µm						
FIELD DECONTAMINATION: PUMP N		TUBING N (replaced)	Duplicate: Y								
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 -76.0 ORP-75.8 ORP -75.7											
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 = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

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

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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY		SITE LOCATION: TOMOKA LANDFILL	
WELL NO: B 82-1	SAMPLE ID:		DATE: 11-6-13

PURGING DATA

[illegible]

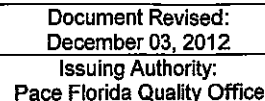
SAMPLING DATA

[illegible]

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

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

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





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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: <u>VOLUSIA COUNTY</u>		SITE LOCATION: <u>TOMOKA LANDFILL</u>	
WELL NO: <u>B 86</u>	SAMPLE ID:	DATE: <u>11-6-17</u>	


PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): <u>9.00</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (<u>52.25</u> feet - <u>9.00</u> feet) X <u>0.16</u> gallons/foot = <u>6.920</u> gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>11</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>14</u>	PURGING INITIATED AT: <u>1336</u>	PURGING ENDED AT: <u>1408</u>	TOTAL VOLUME PURGED (gallons): <u>8.00</u>							
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
<u>1404</u>	<u>7.00</u>	<u>7.00</u>	<u>0.25</u>	<u>12.55</u>	<u>5.94</u>	<u>22.49</u>	<u>1956</u>	<u>0.22</u>	<u>0.28</u>	<u>yellow</u>	<u>ulfen</u>
<u>1406</u>	<u>0.50</u>	<u>7.50</u>	<u>1</u>	<u>1</u>	<u>5.96</u>	<u>22.49</u>	<u>1950</u>	<u>0.21</u>	<u>0.30</u>	<u>↓</u>	<u>↓</u>
<u>1408</u>	<u>0.50</u>	<u>8.00</u>	<u>1</u>	<u>1</u>	<u>5.96</u>	<u>22.49</u>	<u>1962</u>	<u>0.19</u>	<u>0.24</u>	<u>↓</u>	<u>↓</u>
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>MAUR GILBERT</u>		SAMPLER(S) SIGNATURE(S): <u>msl</u>		SAMPLING INITIATED AT: <u>1408</u>	SAMPLING ENDED AT: <u>1414</u>
PUMP OR TUBING DEPTH IN WELL (feet): <u>14</u>		TUBING MATERIAL CODE: <u>PE, S</u>		FIELD-FILTERED: Y <u>(N)</u>	FILTER SIZE: <u> </u> μm
FIELD DECONTAMINATION: PUMP <u>(O)</u> N TUBING <u>(Y)</u> N (replaced)		DUPLICATE: Y <u>(N)</u>			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)
REMARKS: <u>ORP-95.9 ORP-96.4 ORP-96.3</u>					
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)					
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)					

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY Project # 35114775

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

☐ Other _____

Tracking # _____

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

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

Thermometer Used T166 Type of Ice: Wet Blue None

Cooler Temperature °C 6.2 (Visual) -0.1 (Correction Factor) 6.1 (Actual)
17.6 -0.1 17.5

(Temp should be above freezing to 5°C). If below 0°C, then was sample frozen?

☐ Yes ☐ No

Receipt of samples satisfactory: ROK ☒ Yes ☐ No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

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

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____

Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

☐ x 5 Gal
☐ x 2.5 Gal
☐ x 1 Gal
☐ x 1 Liter
☐ x 500 mL
☐ x 250 mL
☐ x Other: _____