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

June 02, 2014

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

RE: Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139338001	**EQ Blank 5/23/14**	Water	05/23/14 08:55	05/23/14 17:51
35139338002	**B44**	Water	05/23/14 09:30	05/23/14 17:51
35139338003	**B44 Dup**	Water	05/23/14 09:30	05/23/14 17:51
35139338004	**B75**	Water	05/23/14 10:06	05/23/14 17:51
35139338005	**B60**	Water	05/23/14 10:52	05/23/14 17:51
35139338006	**B59-1R**	Water	05/23/14 11:41	05/23/14 17:51
35139338007	**B59-2R**	Water	05/23/14 12:05	05/23/14 17:51
35139338008	**B68**	Water	05/23/14 12:50	05/23/14 17:51
35139338009	**B8**	Water	05/23/14 13:45	05/23/14 17:51
35139338010	**B8-2**	Water	05/23/14 14:22	05/23/14 17:51
35139338011	**B11**	Water	05/23/14 14:58	05/23/14 17:51
35139338012	**B33-1**	Water	05/23/14 15:53	05/23/14 17:51
35139338013	**B33-2**	Water	05/23/14 16:17	05/23/14 17:51
35139338014	**B32**	Water	05/23/14 17:05	05/23/14 17:51
35139338015	**Trip Blank 5/23/14**	Water	05/23/14 00:00	05/23/14 17:51

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139338001	**EQ Blank 5/23/14**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338002	**B44**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338003	**B44 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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338004	**B75**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338005	**B60**	EPA 8011	IRL	2	PASI-O

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338006	**B59-1R**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338007	**B59-2R**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338008	**B68**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338009	**B8**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338010	**B8-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338011	**B11**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338012	**B33-1**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338013	**B33-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338014	**B32**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338015	**Trip Blank 5/23/14**	EPA 8260	SK	50	PASI-O

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338002	**B44**					
	Field pH	5.41	Std. Units		05/23/14 09:30	
	Field Temperature	21.91	deg C		05/23/14 09:30	
	Appearance	Color: none, Sheen: none			05/23/14 09:30	
	Field Specific Conductance	171	umhos/cm		05/23/14 09:30	
	Oxygen, Dissolved	0.49	mg/L		05/23/14 09:30	
	REDOX	112.2	mV		05/23/14 09:30	
	Turbidity	3.93	NTU		05/23/14 09:30	
	Water Level(NGVD)	23.82	feet		05/23/14 09:30	
EPA 6010	Barium	21.7	ug/L	10.0	05/31/14 19:11	
EPA 6010	Iron	9220	ug/L	40.0	05/31/14 19:11	
EPA 6010	Sodium	15.8	mg/L	1.0	05/31/14 19:11	
SM 2540C	Total Dissolved Solids	132	mg/L	5.0	05/30/14 17:53	
EPA 300.0	Chloride	33.7	mg/L	5.0	05/24/14 14:16	
EPA 300.0	Sulfate	13.2	mg/L	5.0	05/24/14 14:16	
35139338003	**B44 Dup**					
	Field pH	5.41	Std. Units		05/23/14 09:30	
	Field Temperature	21.91	deg C		05/23/14 09:30	
	Appearance	Color: none, Sheen: none			05/23/14 09:30	
	Field Specific Conductance	171	umhos/cm		05/23/14 09:30	
	Oxygen, Dissolved	0.49	mg/L		05/23/14 09:30	
	REDOX	112.2	mV		05/23/14 09:30	
	Turbidity	3.93	NTU		05/23/14 09:30	
	Water Level(NGVD)	23.82	feet		05/23/14 09:30	
EPA 6010	Barium	21.5	ug/L	10.0	05/31/14 19:14	
EPA 6010	Iron	8990	ug/L	40.0	05/31/14 19:14	
EPA 6010	Sodium	15.8	mg/L	1.0	05/31/14 19:14	
EPA 6010	Vanadium	5.4 I	ug/L	10.0	05/31/14 19:14	
SM 2540C	Total Dissolved Solids	142	mg/L	5.0	05/30/14 17:53	
EPA 300.0	Chloride	33.6	mg/L	5.0	05/24/14 14:38	
EPA 300.0	Sulfate	13.3	mg/L	5.0	05/24/14 14:38	
35139338004	**B75**					
	Field pH	6.37	Std. Units		05/23/14 10:06	
	Field Temperature	24.46	deg C		05/23/14 10:06	
	Appearance	Color: yellow, Sheen: none			05/23/14 10:06	
	Field Specific Conductance	1250	umhos/cm		05/23/14 10:06	
	Oxygen, Dissolved	0.27	mg/L		05/23/14 10:06	
	REDOX	-71.7	mV		05/23/14 10:06	
	Turbidity	7.50	NTU		05/23/14 10:06	
	Water Level(NGVD)	23.12	feet		05/23/14 10:06	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
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Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338004	**B75**					
EPA 6010	Arsenic	12.3	ug/L	10.0	05/31/14 19:18	
EPA 6010	Barium	113	ug/L	10.0	05/31/14 19:18	
EPA 6010	Iron	45400	ug/L	40.0	05/31/14 19:18	
EPA 6010	Sodium	53.6	mg/L	1.0	05/31/14 19:18	
EPA 6010	Vanadium	5.7 I	ug/L	10.0	05/31/14 19:18	
SM 2540C	Total Dissolved Solids	756	mg/L	5.0	05/30/14 17:53	
EPA 300.0	Chloride	64.1	mg/L	10.0	05/24/14 17:08	
EPA 300.0	Sulfate	8.8 I	mg/L	10.0	05/24/14 17:08	
EPA 350.1	Nitrogen, Ammonia	1.6	mg/L	0.050	05/31/14 15:34	
35139338005	**B60**					
	Field pH	6.57	Std. Units		05/23/14 10:52	
	Field Temperature	25.43	deg C		05/23/14 10:52	
	Appearance	Color: yellow, Sheen: none			05/23/14 10:52	
	Field Specific Conductance	548	umhos/cm		05/23/14 10:52	
	Oxygen, Dissolved	0.23	mg/L		05/23/14 10:52	
	REDOX	-57.5	mV		05/23/14 10:52	
	Turbidity	0.22	NTU		05/23/14 10:52	
	Water Level(NGVD)	21.99	feet		05/23/14 10:52	
EPA 6010	Barium	80.1	ug/L	10.0	05/31/14 19:33	
EPA 6010	Iron	4550	ug/L	40.0	05/31/14 19:33	
EPA 6010	Sodium	53.4	mg/L	1.0	05/31/14 19:33	
SM 2540C	Total Dissolved Solids	349	mg/L	5.0	05/30/14 17:54	
EPA 300.0	Chloride	64.8	mg/L	5.0	05/24/14 17:29	
EPA 350.1	Nitrogen, Ammonia	1.2	mg/L	0.050	05/31/14 15:35	
35139338006	**B59-1R**					
	Field pH	6.74	Std. Units		05/23/14 11:41	
	Field Temperature	26.03	deg C		05/23/14 11:41	
	Appearance	Color: yellow, Sheen: none			05/23/14 11:41	
	Field Specific Conductance	649	umhos/cm		05/23/14 11:41	
	Oxygen, Dissolved	0.21	mg/L		05/23/14 11:41	
	REDOX	-93.6	mV		05/23/14 11:41	
	Turbidity	0.28	NTU		05/23/14 11:41	
	Water Level(NGVD)	21.22	feet		05/23/14 11:41	
EPA 6010	Barium	63.7	ug/L	10.0	05/31/14 19:37	
EPA 6010	Iron	5120	ug/L	40.0	05/31/14 19:37	
EPA 6010	Sodium	56.8	mg/L	1.0	05/31/14 19:37	
SM 2540C	Total Dissolved Solids	416	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	66.7	mg/L	5.0	05/24/14 17:50	
EPA 300.0	Sulfate	4.6 I	mg/L	5.0	05/24/14 17:50	
EPA 350.1	Nitrogen, Ammonia	0.74	mg/L	0.050	05/31/14 15:36	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
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Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338007	**B59-2R**					
	Field pH	6.70	Std. Units		05/23/14 12:05	
	Field Temperature	26.30	deg C		05/23/14 12:05	
	Appearance	Color: yellow, Sheen: none			05/23/14 12:05	
	Field Specific Conductance	751	umhos/cm		05/23/14 12:05	
	Oxygen, Dissolved	0.22	mg/L		05/23/14 12:05	
	REDOX	-81.2	mV		05/23/14 12:05	
	Turbidity	8.69	NTU		05/23/14 12:05	
	Water Level(NGVD)	21.09	feet		05/23/14 12:05	
EPA 6010	Barium	81.8	ug/L	10.0	05/31/14 19:41	
EPA 6010	Iron	6030	ug/L	40.0	05/31/14 19:41	
EPA 6010	Sodium	33.4	mg/L	1.0	05/31/14 19:41	
SM 2540C	Total Dissolved Solids	513	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	21.9	mg/L	5.0	05/24/14 18:12	
EPA 300.0	Sulfate	55.5	mg/L	5.0	05/24/14 18:12	
EPA 350.1	Nitrogen, Ammonia	0.38	mg/L	0.050	05/31/14 15:39	
35139338008	**B68**					
	Field pH	5.89	Std. Units		05/23/14 12:50	
	Field Temperature	25.65	deg C		05/23/14 12:50	
	Appearance	Color: yellow, Sheen: none			05/23/14 12:50	
	Field Specific Conductance	819	umhos/cm		05/23/14 12:50	
	Oxygen, Dissolved	0.10	mg/L		05/23/14 12:50	
	REDOX	-12.2	mV		05/23/14 12:50	
	Turbidity	0.58	NTU		05/23/14 12:50	
	Water Level(NGVD)	23.43	feet		05/23/14 12:50	
EPA 6010	Barium	134	ug/L	10.0	05/31/14 19:45	
EPA 6010	Iron	27200	ug/L	40.0	05/31/14 19:45	
EPA 6010	Sodium	25.8	mg/L	1.0	05/31/14 19:45	
SM 2540C	Total Dissolved Solids	585	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	35.8	mg/L	5.0	05/24/14 18:33	
EPA 300.0	Sulfate	41.4	mg/L	5.0	05/24/14 18:33	
EPA 350.1	Nitrogen, Ammonia	0.86	mg/L	0.050	05/31/14 15:40	
35139338009	**B8**					
	Field pH	6.53	Std. Units		05/23/14 13:45	
	Field Temperature	27.14	deg C		05/23/14 13:45	
	Appearance	Color: yellow, Sheen: none			05/23/14 13:45	
	Field Specific Conductance	688	umhos/cm		05/23/14 13:45	
	Oxygen, Dissolved	1.12	mg/L		05/23/14 13:45	
	REDOX	-20.6	mV		05/23/14 13:45	
	Turbidity	0.47	NTU		05/23/14 13:45	

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Project: Tomoka Semi-annual LF
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Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338009	**B8**					
	Water Level(NGVD)	19.17	feet		05/23/14 13:45	
EPA 6010	Barium	38.4	ug/L	10.0	05/31/14 19:48	
EPA 6010	Iron	1910	ug/L	40.0	05/31/14 19:48	
EPA 6010	Sodium	37.6	mg/L	1.0	05/31/14 19:48	
SM 2540C	Total Dissolved Solids	483	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	79.8	mg/L	5.0	05/24/14 18:55	
EPA 300.0	Sulfate	10.5	mg/L	5.0	05/24/14 18:55	
EPA 350.1	Nitrogen, Ammonia	0.16	mg/L	0.050	05/31/14 15:41	
35139338010	**B8-2**					
	Field pH	5.21	Std. Units		05/23/14 14:22	
	Field Temperature	25.83	deg C		05/23/14 14:22	
	Appearance	Color: none, Sheen: none			05/23/14 14:22	
	Field Specific Conductance	1300	umhos/cm		05/23/14 14:22	
	Oxygen, Dissolved	0.13	mg/L		05/23/14 14:22	
	REDOX	78.2	mV		05/23/14 14:22	
	Turbidity	5.09	NTU		05/23/14 14:22	
	Water Level(NGVD)	27.00	feet		05/23/14 14:22	
EPA 6010	Barium	226	ug/L	10.0	05/31/14 19:52	
EPA 6010	Iron	41600	ug/L	40.0	05/31/14 19:52	
EPA 6010	Sodium	55.3	mg/L	1.0	05/31/14 19:52	
EPA 6010	Vanadium	10.4	ug/L	10.0	05/31/14 19:52	
SM 2540C	Total Dissolved Solids	1130	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	335	mg/L	100	05/30/14 07:21	
EPA 300.0	Sulfate	37.0	mg/L	10.0	05/24/14 19:59	
EPA 350.1	Nitrogen, Ammonia	0.085	mg/L	0.050	05/31/14 15:42	
35139338011	**B11**					
	Field pH	5.08	Std. Units		05/23/14 14:58	
	Field Temperature	26.59	deg C		05/23/14 14:58	
	Appearance	Color: yellow, Sheen: none			05/23/14 14:58	
	Field Specific Conductance	164	umhos/cm		05/23/14 14:58	
	Oxygen, Dissolved	0.25	mg/L		05/23/14 14:58	
	REDOX	73.4	mV		05/23/14 14:58	
	Turbidity	0.50	NTU		05/23/14 14:58	
	Water Level(NGVD)	26.13	feet		05/23/14 14:58	
EPA 6010	Barium	60.1	ug/L	10.0	05/31/14 19:56	
EPA 6010	Beryllium	0.52 I	ug/L	1.0	05/31/14 19:56	
EPA 6010	Chromium	3.3 I	ug/L	5.0	05/31/14 19:56	
EPA 6010	Iron	3680	ug/L	40.0	05/31/14 19:56	
EPA 6010	Sodium	8.4	mg/L	1.0	05/31/14 19:56	
EPA 6010	Vanadium	14.2	ug/L	10.0	05/31/14 19:56	
SM 2540C	Total Dissolved Solids	152	mg/L	5.0	05/30/14 17:55	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338011	**B11**					
EPA 300.0	Chloride	17.7	mg/L	5.0	05/24/14 20:20	
EPA 300.0	Sulfate	23.1	mg/L	5.0	05/24/14 20:20	
EPA 350.1	Nitrogen, Ammonia	0.60	mg/L	0.050	05/31/14 15:43	
35139338012	**B33-1**					
	Field pH	6.30	Std. Units		05/23/14 15:53	
	Field Temperature	25.24	deg C		05/23/14 15:53	
	Appearance	Color: yellow, Sheen: none			05/23/14 15:53	
	Field Specific Conductance	614	umhos/cm		05/23/14 15:53	
	Oxygen, Dissolved	0.14	mg/L		05/23/14 15:53	
	REDOX	-55.8	mV		05/23/14 15:53	
	Turbidity	0.82	NTU		05/23/14 15:53	
	Water Level(NGVD)	25.42	feet		05/23/14 15:53	
EPA 6010	Barium	50.9	ug/L	10.0	05/31/14 20:00	
EPA 6010	Chromium	2.7 I	ug/L	5.0	05/31/14 20:00	
EPA 6010	Iron	10800	ug/L	40.0	05/31/14 20:00	
EPA 6010	Sodium	64.6	mg/L	1.0	05/31/14 20:00	
SM 2540C	Total Dissolved Solids	470	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	74.6	mg/L	5.0	05/24/14 20:42	
EPA 350.1	Nitrogen, Ammonia	0.19	mg/L	0.050	05/31/14 15:44	
35139338013	**B33-2**					
	Field pH	6.76	Std. Units		05/23/14 16:17	
	Field Temperature	26.11	deg C		05/23/14 16:17	
	Appearance	Color: yellow, Sheen: none			05/23/14 16:17	
	Field Specific Conductance	980	umhos/cm		05/23/14 16:17	
	Oxygen, Dissolved	0.21	mg/L		05/23/14 16:17	
	REDOX	-70.0	mV		05/23/14 16:17	
	Turbidity	3.82	NTU		05/23/14 16:17	
	Water Level(NGVD)	27.20	feet		05/23/14 16:17	
EPA 6010	Arsenic	5.9 I	ug/L	10.0	05/31/14 20:04	
EPA 6010	Barium	74.4	ug/L	10.0	05/31/14 20:04	
EPA 6010	Chromium	4.5 I	ug/L	5.0	05/31/14 20:04	
EPA 6010	Iron	5900	ug/L	40.0	05/31/14 20:04	
EPA 6010	Nickel	3.4 I	ug/L	5.0	05/31/14 20:04	
EPA 6010	Sodium	116	mg/L	1.0	05/31/14 20:04	
EPA 6010	Vanadium	10.1	ug/L	10.0	05/31/14 20:04	
SM 2540C	Total Dissolved Solids	752	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	47.1	mg/L	10.0	05/24/14 21:03	
EPA 300.0	Sulfate	26.4	mg/L	10.0	05/24/14 21:03	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	05/31/14 15:45	
35139338014	**B32**					
	Field pH	6.71	Std. Units		05/23/14 17:05	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338014	**B32**					
	Field Temperature	24.41	deg C		05/23/14 17:05	
	Appearance	Color: yellow, Sheen: none			05/23/14 17:05	
	Field Specific Conductance	861	umhos/cm		05/23/14 17:05	
	Oxygen, Dissolved	0.20	mg/L		05/23/14 17:05	
	REDOX	-90.9	mV		05/23/14 17:05	
	Turbidity	5.92	NTU		05/23/14 17:05	
	Water Level(NGVD)	27.01	feet		05/23/14 17:05	
EPA 6010	Barium	51.8	ug/L	10.0	05/31/14 20:07	
EPA 6010	Iron	8700	ug/L	40.0	05/31/14 20:07	
EPA 6010	Sodium	32.7	mg/L	1.0	05/31/14 20:07	
SM 2540C	Total Dissolved Solids	624	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	98.7	mg/L	5.0	05/24/14 22:50	
EPA 300.0	Sulfate	57.3	mg/L	5.0	05/24/14 22:50	
EPA 350.1	Nitrogen, Ammonia	0.058	mg/L	0.050	05/31/14 15:46	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: EQ Blank 5/23/14 **Lab ID: 35139338001** Collected: 05/23/14 08:55 Received: 05/23/14 17:51 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	05/29/14 10:30	05/30/14 03:04	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.0099	0.0062	1	05/29/14 10:30	05/30/14 03:04	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 07:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 11:39	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 11:39	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 11:39	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 11:39	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 11:39	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: EQ Blank 5/23/14 **Lab ID: 35139338001** Collected: 05/23/14 08:55 Received: 05/23/14 17:51 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		05/29/14 11:39	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 11:39	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 11:39	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 11:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 11:39	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 11:39	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 11:39	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		05/29/14 11:39	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	119	%	86-125		1		05/29/14 11:39	17060-07-0	
Toluene-d8 (S)	111	%	87-113		1		05/29/14 11:39	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 13:55	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/24/14 13:55	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/14 13:55	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 15:32	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 **Lab ID: 35139338002** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.41**	Std. Units			1		05/23/14 09:30		
Field Temperature	**21.91**	deg C			1		05/23/14 09:30		
Appearance	**Color: none, Sheen: none**				1		05/23/14 09:30		
Field Specific Conductance	**171**	umhos/cm			1		05/23/14 09:30		
Oxygen, Dissolved	**0.49**	mg/L			1		05/23/14 09:30	7782-44-7	
REDOX	**112.2**	mV			1		05/23/14 09:30		
Turbidity	**3.93**	NTU			1		05/23/14 09:30		
Water Level(NGVD)	**23.82**	feet			1		05/23/14 09:30		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/29/14 10:30	05/30/14 03:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 03:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-38-2	
Barium	**21.7**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:11	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:11	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-50-8	
Iron	**9220**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:11	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:11	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-22-4	
Sodium	**15.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:11	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:11	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:02	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:02	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:01	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 12:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 12:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 12:55	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 **Lab ID: 35139338002** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 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		05/29/14 12:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 12:55	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 12:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 12:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 12:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 12:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 12:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		05/29/14 12:55	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	122	%	86-125		1		05/29/14 12:55	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		05/29/14 12:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 **Lab ID: 35139338002** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**132**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 14:16	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.7**	mg/L	5.0	2.5	1		05/24/14 14:16	16887-00-6	
Sulfate	**13.2**	mg/L	5.0	2.5	1		05/24/14 14:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 15:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 Dup **Lab ID: 35139338003** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.41**	Std. Units			1		05/23/14 09:30		
Field Temperature	**21.91**	deg C			1		05/23/14 09:30		
Appearance	**Color: none, Sheen: none**				1		05/23/14 09:30		
Field Specific Conductance	**171**	umhos/cm			1		05/23/14 09:30		
Oxygen, Dissolved	**0.49**	mg/L			1		05/23/14 09:30	7782-44-7	
REDOX	**112.2**	mV			1		05/23/14 09:30		
Turbidity	**3.93**	NTU			1		05/23/14 09:30		
Water Level(NGVD)	**23.82**	feet			1		05/23/14 09:30		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 03:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	05/29/14 10:30	05/30/14 03:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-38-2	
Barium	**21.5**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-50-8	
Iron	**8990**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-22-4	
Sodium	**15.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:14	7440-23-5	
Vanadium	**5.4 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:03	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 13:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 13:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 13:45	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 Dup **Lab ID: 35139338003** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 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		05/29/14 13:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	56-23-5	J(M1)
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 13:45	74-87-3	J(M0), L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 13:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	107-06-2	J(M1)
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 13:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 13:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 13:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 13:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-69-4	J(M0), L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 13:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 13:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		05/29/14 13:45	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	113	%	86-125		1		05/29/14 13:45	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/29/14 13:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 Dup **Lab ID: 35139338003** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**142**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 14:38	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.6**	mg/L	5.0	2.5	1		05/24/14 14:38	16887-00-6	
Sulfate	**13.3**	mg/L	5.0	2.5	1		05/24/14 14:38	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 15:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B75 **Lab ID: 35139338004** Collected: 05/23/14 10:06 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.37**	Std. Units			1		05/23/14 10:06		
Field Temperature	**24.46**	deg C			1		05/23/14 10:06		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 10:06		
Field Specific Conductance	**1250**	umhos/cm			1		05/23/14 10:06		
Oxygen, Dissolved	**0.27**	mg/L			1		05/23/14 10:06	7782-44-7	
REDOX	**-71.7**	mV			1		05/23/14 10:06		
Turbidity	**7.50**	NTU			1		05/23/14 10:06		
Water Level(NGVD)	**23.12**	feet			1		05/23/14 10:06		
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	05/29/14 10:30	05/30/14 04:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 04:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**12.3**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-38-2	
Barium	**113**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-50-8	
Iron	**45400**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-22-4	
Sodium	**53.6**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:18	7440-23-5	
Vanadium	**5.7 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:07	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:07	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 14:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 14:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 14:10	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B75 **Lab ID: 35139338004** Collected: 05/23/14 10:06 Received: 05/23/14 17:51 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		05/29/14 14:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 14:10	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 14:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 14:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 14:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 14:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 14:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 14:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 14:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		05/29/14 14:10	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	124	%	86-125		1		05/29/14 14:10	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/29/14 14:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B75 **Lab ID: 35139338004** Collected: 05/23/14 10:06 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**756**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/24/14 17:08	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**64.1**	mg/L	10.0	5.0	2		05/24/14 17:08	16887-00-6	
Sulfate	**8.8 I**	mg/L	10.0	5.0	2		05/24/14 17:08	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.6**	mg/L	0.050	0.020	1		05/31/14 15:34	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B60 **Lab ID: 35139338005** Collected: 05/23/14 10:52 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.57**	Std. Units			1		05/23/14 10:52		
Field Temperature	**25.43**	deg C			1		05/23/14 10:52		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 10:52		
Field Specific Conductance	**548**	umhos/cm			1		05/23/14 10:52		
Oxygen, Dissolved	**0.23**	mg/L			1		05/23/14 10:52	7782-44-7	
REDOX	**-57.5**	mV			1		05/23/14 10:52		
Turbidity	**0.22**	NTU			1		05/23/14 10:52		
Water Level(NGVD)	**21.99**	feet			1		05/23/14 10:52		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 04:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	05/29/14 10:30	05/30/14 04:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-38-2	
Barium	**80.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:33	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:33	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-50-8	
Iron	**4550**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:33	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:33	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-22-4	
Sodium	**53.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:33	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:33	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:10	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:10	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:12	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 23:44	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 23:44	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 23:44	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B60 **Lab ID: 35139338005** Collected: 05/23/14 10:52 Received: 05/23/14 17:51 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		05/29/14 23:44	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 23:44	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 23:44	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 23:44	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 23:44	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 23:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 23:44	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 23:44	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 23:44	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-114		1		05/29/14 23:44	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	121	%	86-125		1		05/29/14 23:44	17060-07-0	
Toluene-d8 (S)	108	%	87-113		1		05/29/14 23:44	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B60 **Lab ID: 35139338005** Collected: 05/23/14 10:52 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**349**	mg/L	5.0	5.0	1		05/30/14 17:54		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 17:29	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**64.8**	mg/L	5.0	2.5	1		05/24/14 17:29	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/14 17:29	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.2**	mg/L	0.050	0.020	1		05/31/14 15:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-1R **Lab ID: 35139338006** Collected: 05/23/14 11:41 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.74**	Std. Units			1		05/23/14 11:41		
Field Temperature	**26.03**	deg C			1		05/23/14 11:41		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 11:41		
Field Specific Conductance	**649**	umhos/cm			1		05/23/14 11:41		
Oxygen, Dissolved	**0.21**	mg/L			1		05/23/14 11:41	7782-44-7	
REDOX	**-93.6**	mV			1		05/23/14 11:41		
Turbidity	**0.28**	NTU			1		05/23/14 11:41		
Water Level(NGVD)	**21.22**	feet			1		05/23/14 11:41		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 04:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	05/29/14 10:30	05/30/14 04:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-38-2	
Barium	**63.7**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:37	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:37	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-50-8	
Iron	**5120**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:37	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:37	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-22-4	
Sodium	**56.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:37	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:37	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:12	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:12	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:18	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 00:34	67-64-1	J(M1)
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 00:34	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 00:34	75-27-4	

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-1R **Lab ID: 35139338006** Collected: 05/23/14 11:41 Received: 05/23/14 17:51 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		05/30/14 00:34	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	56-23-5	J(M1)
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 00:34	74-87-3	J(M0), L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 00:34	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:34	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:34	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 00:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 00:34	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 00:34	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 00:34	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-114		1		05/30/14 00:34	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	112	%	86-125		1		05/30/14 00:34	17060-07-0	
Toluene-d8 (S)	114	%	87-113		1		05/30/14 00:34	2037-26-5	S3

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-1R **Lab ID: 35139338006** Collected: 05/23/14 11:41 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**416**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 17:50	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.7**	mg/L	5.0	2.5	1		05/24/14 17:50	16887-00-6	
Sulfate	**4.6 I**	mg/L	5.0	2.5	1		05/24/14 17:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.74**	mg/L	0.050	0.020	1		05/31/14 15:36	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-2R **Lab ID: 35139338007** Collected: 05/23/14 12:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.70**	Std. Units			1		05/23/14 12:05		
Field Temperature	**26.30**	deg C			1		05/23/14 12:05		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 12:05		
Field Specific Conductance	**751**	umhos/cm			1		05/23/14 12:05		
Oxygen, Dissolved	**0.22**	mg/L			1		05/23/14 12:05	7782-44-7	
REDOX	**-81.2**	mV			1		05/23/14 12:05		
Turbidity	**8.69**	NTU			1		05/23/14 12:05		
Water Level(NGVD)	**21.09**	feet			1		05/23/14 12:05		
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	05/29/14 10:30	05/30/14 04:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 04:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-38-2	
Barium	**81.8**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:41	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-50-8	
Iron	**6030**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-22-4	
Sodium	**33.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:41	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 00:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 00:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 00:59	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-2R **Lab ID: 35139338007** Collected: 05/23/14 12:05 Received: 05/23/14 17:51 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		05/30/14 00:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 00:59	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 00:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 00:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 00:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 00:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 00:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-114		1		05/30/14 00:59	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	129	%	86-125		1		05/30/14 00:59	17060-07-0	S3
Toluene-d8 (S)	104	%	87-113		1		05/30/14 00:59	2037-26-5	

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Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-2R **Lab ID: 35139338007** Collected: 05/23/14 12:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**513**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 18:12	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**21.9**	mg/L	5.0	2.5	1		05/24/14 18:12	16887-00-6	
Sulfate	**55.5**	mg/L	5.0	2.5	1		05/24/14 18:12	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.38**	mg/L	0.050	0.020	1		05/31/14 15:39	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B68 **Lab ID: 35139338008** Collected: 05/23/14 12:50 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.89**	Std. Units			1		05/23/14 12:50		
Field Temperature	**25.65**	deg C			1		05/23/14 12:50		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 12:50		
Field Specific Conductance	**819**	umhos/cm			1		05/23/14 12:50		
Oxygen, Dissolved	**0.10**	mg/L			1		05/23/14 12:50	7782-44-7	
REDOX	**-12.2**	mV			1		05/23/14 12:50		
Turbidity	**0.58**	NTU			1		05/23/14 12:50		
Water Level(NGVD)	**23.43**	feet			1		05/23/14 12:50		
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	05/29/14 10:30	05/30/14 05:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 05:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-38-2	
Barium	**134**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:45	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:45	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-50-8	
Iron	**27200**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:45	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:45	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-22-4	
Sodium	**25.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:45	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:45	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:25	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:24	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:24	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:24	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B68 **Lab ID: 35139338008** Collected: 05/23/14 12:50 Received: 05/23/14 17:51 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		05/30/14 01:24	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:24	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:24	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:24	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:24	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:24	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:24	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:24	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-114		1		05/30/14 01:24	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	123	%	86-125		1		05/30/14 01:24	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/30/14 01:24	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B68 **Lab ID: 35139338008** Collected: 05/23/14 12:50 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**585**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 18:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**35.8**	mg/L	5.0	2.5	1		05/24/14 18:33	16887-00-6	
Sulfate	**41.4**	mg/L	5.0	2.5	1		05/24/14 18:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.86**	mg/L	0.050	0.020	1		05/31/14 15:40	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8 **Lab ID: 35139338009** Collected: 05/23/14 13:45 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.53**	Std. Units			1		05/23/14 13:45		
Field Temperature	**27.14**	deg C			1		05/23/14 13:45		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 13:45		
Field Specific Conductance	**688**	umhos/cm			1		05/23/14 13:45		
Oxygen, Dissolved	**1.12**	mg/L			1		05/23/14 13:45	7782-44-7	
REDOX	**-20.6**	mV			1		05/23/14 13:45		
Turbidity	**0.47**	NTU			1		05/23/14 13:45		
Water Level(NGVD)	**19.17**	feet			1		05/23/14 13:45		
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	05/29/14 10:30	05/30/14 05:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 05:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-38-2	
Barium	**38.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-50-8	
Iron	**1910**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-22-4	
Sodium	**37.6**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:27	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:27	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:31	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:49	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:49	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:49	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8 **Lab ID: 35139338009** Collected: 05/23/14 13:45 Received: 05/23/14 17:51 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		05/30/14 01:49	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:49	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:49	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:49	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:49	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:49	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:49	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:49	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	114	%	70-114		1		05/30/14 01:49	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		05/30/14 01:49	17060-07-0	
Toluene-d8 (S)	90	%	87-113		1		05/30/14 01:49	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8 **Lab ID: 35139338009** Collected: 05/23/14 13:45 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**483**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 18:55	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**79.8**	mg/L	5.0	2.5	1		05/24/14 18:55	16887-00-6	
Sulfate	**10.5**	mg/L	5.0	2.5	1		05/24/14 18:55	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.16**	mg/L	0.050	0.020	1		05/31/14 15:41	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8-2 **Lab ID: 35139338010** Collected: 05/23/14 14:22 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.21**	Std. Units			1		05/23/14 14:22		
Field Temperature	**25.83**	deg C			1		05/23/14 14:22		
Appearance	**Color: none, Sheen: none**				1		05/23/14 14:22		
Field Specific Conductance	**1300**	umhos/cm			1		05/23/14 14:22		
Oxygen, Dissolved	**0.13**	mg/L			1		05/23/14 14:22	7782-44-7	
REDOX	**78.2**	mV			1		05/23/14 14:22		
Turbidity	**5.09**	NTU			1		05/23/14 14:22		
Water Level(NGVD)	**27.00**	feet			1		05/23/14 14:22		
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	05/29/14 10:30	05/30/14 05:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 05:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-38-2	
Barium	**226**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:52	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-50-8	
Iron	**41600**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-22-4	
Sodium	**55.3**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:52	7440-23-5	
Vanadium	**10.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:52	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:30	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:30	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:34	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:14	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:14	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:14	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8-2 **Lab ID: 35139338010** Collected: 05/23/14 14:22 Received: 05/23/14 17:51 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		05/30/14 02:14	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:14	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:14	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:14	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:14	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:14	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:14	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:14	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	122	%	70-114		1		05/30/14 02:14	460-00-4	J(IS),S3
1,2-Dichloroethane-d4 (S)	129	%	86-125		1		05/30/14 02:14	17060-07-0	S3
Toluene-d8 (S)	105	%	87-113		1		05/30/14 02:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8-2 **Lab ID: 35139338010** Collected: 05/23/14 14:22 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1130**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/24/14 19:59	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**335**	mg/L	100	50.0	20		05/30/14 07:21	16887-00-6	
Sulfate	**37.0**	mg/L	10.0	5.0	2		05/24/14 19:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.085**	mg/L	0.050	0.020	1		05/31/14 15:42	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B11 **Lab ID: 35139338011** Collected: 05/23/14 14:58 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.08**	Std. Units			1		05/23/14 14:58		
Field Temperature	**26.59**	deg C			1		05/23/14 14:58		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 14:58		
Field Specific Conductance	**164**	umhos/cm			1		05/23/14 14:58		
Oxygen, Dissolved	**0.25**	mg/L			1		05/23/14 14:58	7782-44-7	
REDOX	**73.4**	mV			1		05/23/14 14:58		
Turbidity	**0.50**	NTU			1		05/23/14 14:58		
Water Level(NGVD)	**26.13**	feet			1		05/23/14 14:58		
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	05/29/14 10:30	05/30/14 05:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/29/14 10:30	05/30/14 05:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-38-2	
Barium	**60.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-39-3	
Beryllium	**0.52 I**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:56	7440-43-9	
Chromium	**3.3 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-50-8	
Iron	**3680**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-22-4	
Sodium	**8.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:56	7440-23-5	
Vanadium	**14.2**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:32	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:32	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:39	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:39	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:39	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B11 **Lab ID: 35139338011** Collected: 05/23/14 14:58 Received: 05/23/14 17:51 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		05/30/14 02:39	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:39	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:39	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:39	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:39	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:39	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:39	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:39	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	125	%	70-114		1		05/30/14 02:39	460-00-4	J(IS),S3
1,2-Dichloroethane-d4 (S)	119	%	86-125		1		05/30/14 02:39	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/30/14 02:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B11 **Lab ID: 35139338011** Collected: 05/23/14 14:58 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**152**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 20:20	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**17.7**	mg/L	5.0	2.5	1		05/24/14 20:20	16887-00-6	
Sulfate	**23.1**	mg/L	5.0	2.5	1		05/24/14 20:20	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.60**	mg/L	0.050	0.020	1		05/31/14 15:43	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-1 **Lab ID: 35139338012** Collected: 05/23/14 15:53 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.30**	Std. Units			1		05/23/14 15:53		
Field Temperature	**25.24**	deg C			1		05/23/14 15:53		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 15:53		
Field Specific Conductance	**614**	umhos/cm			1		05/23/14 15:53		
Oxygen, Dissolved	**0.14**	mg/L			1		05/23/14 15:53	7782-44-7	
REDOX	**-55.8**	mV			1		05/23/14 15:53		
Turbidity	**0.82**	NTU			1		05/23/14 15:53		
Water Level(NGVD)	**25.42**	feet			1		05/23/14 15:53		
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	05/29/14 10:30	05/30/14 06:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 06:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-38-2	
Barium	**50.9**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:00	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:00	7440-43-9	
Chromium	**2.7 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-50-8	
Iron	**10800**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 20:00	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 20:00	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-22-4	
Sodium	**64.6**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:00	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 20:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:38	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:04	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:04	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:04	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-1 **Lab ID: 35139338012** Collected: 05/23/14 15:53 Received: 05/23/14 17:51 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		05/30/14 03:04	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:04	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:04	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:04	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:04	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:04	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:04	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:04	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	115	%	70-114		1		05/30/14 03:04	460-00-4	J(IS),S3
1,2-Dichloroethane-d4 (S)	120	%	86-125		1		05/30/14 03:04	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/30/14 03:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-1 **Lab ID: 35139338012** Collected: 05/23/14 15:53 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**470**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 20:42	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**74.6**	mg/L	5.0	2.5	1		05/24/14 20:42	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/14 20:42	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.19**	mg/L	0.050	0.020	1		05/31/14 15:44	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-2 **Lab ID: 35139338013** Collected: 05/23/14 16:17 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.76**	Std. Units			1		05/23/14 16:17		
Field Temperature	**26.11**	deg C			1		05/23/14 16:17		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 16:17		
Field Specific Conductance	**980**	umhos/cm			1		05/23/14 16:17		
Oxygen, Dissolved	**0.21**	mg/L			1		05/23/14 16:17	7782-44-7	
REDOX	**-70.0**	mV			1		05/23/14 16:17		
Turbidity	**3.82**	NTU			1		05/23/14 16:17		
Water Level(NGVD)	**27.20**	feet			1		05/23/14 16:17		
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	05/29/14 10:30	05/30/14 06:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 06:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.9 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-38-2	
Barium	**74.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:04	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:04	7440-43-9	
Chromium	**4.5 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-50-8	
Iron	**5900**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 20:04	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7439-92-1	
Nickel	**3.4 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 20:04	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-22-4	
Sodium	**116**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:04	7440-23-5	
Vanadium	**10.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 20:04	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:37	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:40	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:29	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:29	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:29	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-2 **Lab ID: 35139338013** Collected: 05/23/14 16:17 Received: 05/23/14 17:51 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		05/30/14 03:29	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:29	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:29	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:29	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:29	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:29	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:29	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:29	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-114		1		05/30/14 03:29	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	123	%	86-125		1		05/30/14 03:29	17060-07-0	
Toluene-d8 (S)	115	%	87-113		1		05/30/14 03:29	2037-26-5	S3

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-2 **Lab ID: 35139338013** Collected: 05/23/14 16:17 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**752**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/24/14 21:03	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**47.1**	mg/L	10.0	5.0	2		05/24/14 21:03	16887-00-6	
Sulfate	**26.4**	mg/L	10.0	5.0	2		05/24/14 21:03	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		05/31/14 15:45	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B32 **Lab ID: 35139338014** Collected: 05/23/14 17:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.71**	Std. Units			1		05/23/14 17:05		
Field Temperature	**24.41**	deg C			1		05/23/14 17:05		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 17:05		
Field Specific Conductance	**861**	umhos/cm			1		05/23/14 17:05		
Oxygen, Dissolved	**0.20**	mg/L			1		05/23/14 17:05	7782-44-7	
REDOX	**-90.9**	mV			1		05/23/14 17:05		
Turbidity	**5.92**	NTU			1		05/23/14 17:05		
Water Level(NGVD)	**27.01**	feet			1		05/23/14 17:05		
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	05/29/14 10:30	05/30/14 06:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/29/14 10:30	05/30/14 06:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-38-2	
Barium	**51.8**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-50-8	
Iron	**8700**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 20:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 20:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-22-4	
Sodium	**32.7**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 20:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:40	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:42	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:54	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:54	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:54	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B32 **Lab ID: 35139338014** Collected: 05/23/14 17:05 Received: 05/23/14 17:51 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		05/30/14 03:54	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:54	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:54	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:54	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:54	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:54	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:54	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:54	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-114		1		05/30/14 03:54	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	123	%	86-125		1		05/30/14 03:54	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/30/14 03:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B32 **Lab ID: 35139338014** Collected: 05/23/14 17:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**624**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 22:50	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**98.7**	mg/L	5.0	2.5	1		05/24/14 22:50	16887-00-6	
Sulfate	**57.3**	mg/L	5.0	2.5	1		05/24/14 22:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.058**	mg/L	0.050	0.020	1		05/31/14 15:46	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: Trip Blank 5/23/14 **Lab ID: 35139338015** Collected: 05/23/14 00:00 Received: 05/23/14 17:51 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		05/29/14 12:04	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 12:04	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 12:04	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 12:04	74-87-3	L3
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/29/14 12:04	96-12-8	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 12:04	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:04	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:04	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 12:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 12:04	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 12:04	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 12:04	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: Trip Blank 5/23/14 **Lab ID: 35139338015** Collected: 05/23/14 00:00 Received: 05/23/14 17:51 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		05/29/14 12:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-114		1		05/29/14 12:04	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	117	%	86-125		1		05/29/14 12:04	17060-07-0	
Toluene-d8 (S)	107	%	87-113		1		05/29/14 12:04	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MERP/4667 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004

METHOD BLANK: 913364 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/29/14 07:01	

LABORATORY CONTROL SAMPLE: 913365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913366 913367

Parameter	Units	35139132004 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	1.8	88	88	80-120	.6	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MERP/4668 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 913379 Matrix: Water
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/29/14 08:08	

LABORATORY CONTROL SAMPLE: 913380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913381 913382

Parameter	Units	35139338005 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	1.9	1.9	96	97	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MPRP/18759 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 915546 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	05/31/14 18:07	
Barium	ug/L	5.0U	10.0	05/31/14 18:07	
Beryllium	ug/L	0.50U	1.0	05/31/14 18:07	
Cadmium	ug/L	0.50U	1.0	05/31/14 18:07	
Chromium	ug/L	2.5U	5.0	05/31/14 18:07	
Cobalt	ug/L	5.0U	10.0	05/31/14 18:07	
Copper	ug/L	2.5U	5.0	05/31/14 18:07	
Iron	ug/L	20.0U	40.0	05/31/14 18:07	
Lead	ug/L	5.0U	10.0	05/31/14 18:07	
Nickel	ug/L	2.5U	5.0	05/31/14 18:07	
Selenium	ug/L	7.5U	15.0	05/31/14 18:07	
Silver	ug/L	2.5U	5.0	05/31/14 18:07	
Sodium	mg/L	0.50U	1.0	05/31/14 18:07	
Vanadium	ug/L	5.0U	10.0	05/31/14 18:07	
Zinc	ug/L	10.0U	20.0	05/31/14 18:07	

LABORATORY CONTROL SAMPLE: 915547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	260	104	80-120	
Barium	ug/L	250	269	107	80-120	
Beryllium	ug/L	25	26.5	106	80-120	
Cadmium	ug/L	25	26.9	108	80-120	
Chromium	ug/L	250	267	107	80-120	
Cobalt	ug/L	250	271	108	80-120	
Copper	ug/L	250	256	102	80-120	
Iron	ug/L	2500	2720	109	80-120	
Lead	ug/L	250	274	110	80-120	
Nickel	ug/L	250	274	109	80-120	
Selenium	ug/L	250	270	108	80-120	
Silver	ug/L	25	27.6	110	80-120	
Sodium	mg/L	12.5	13.3	107	80-120	
Vanadium	ug/L	250	262	105	80-120	
Zinc	ug/L	1250	1320	105	80-120	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 915720 915721

Parameter	Units	35139310002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	262	263	105	105	75-125	.2	20	
Barium	ug/L	6.0 I	250	250	273	278	107	109	75-125	2	20	
Beryllium	ug/L	0.50U	25	25	26.5	26.7	106	107	75-125	.9	20	
Cadmium	ug/L	0.50U	25	25	26.5	26.6	106	106	75-125	.2	20	
Chromium	ug/L	2.5U	250	250	267	268	107	107	75-125	.5	20	
Cobalt	ug/L	5.0U	250	250	269	270	107	108	75-125	.3	20	
Copper	ug/L	0.0025 U mg/L	250	250	262	263	104	105	75-125	.6	20	
Iron	ug/L	20.0U	2500	2500	2720	2760	108	110	75-125	2	20	
Lead	ug/L	5.0U	250	250	268	270	107	108	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	272	272	108	109	75-125	.3	20	
Selenium	ug/L	7.5U	250	250	268	269	107	108	75-125	.3	20	
Silver	ug/L	2.5U	25	25	27.4	27.2	110	109	75-125	.8	20	
Sodium	mg/L	22.2	12.5	12.5	36.0	35.7	111	108	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	264	266	105	106	75-125	1	20	
Zinc	ug/L	10.0U	1250	1250	1320	1320	105	106	75-125	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MPRP/18780 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 916701 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 04:28	
Thallium	ug/L	0.50U	1.0	06/01/14 04:28	

LABORATORY CONTROL SAMPLE: 916702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.2	96	80-120	
Thallium	ug/L	50	49.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916703 916704

Parameter	Units	92203046001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	9.9	50	50	56.9	57.2	94	95	75-125	.6	20	
Thallium	ug/L	ND	50	50	51.8	52.2	103	104	75-125	.9	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MSV/11816 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338015

METHOD BLANK: 914507 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/29/14 10:49	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/29/14 10:49	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/29/14 10:49	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/29/14 10:49	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 10:49	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/29/14 10:49	
2-Hexanone	ug/L	5.0U	10.0	05/29/14 10:49	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/29/14 10:49	
Acetone	ug/L	10.0U	20.0	05/29/14 10:49	
Acrylonitrile	ug/L	5.0U	10.0	05/29/14 10:49	
Benzene	ug/L	0.10U	1.0	05/29/14 10:49	
Bromochloromethane	ug/L	0.50U	1.0	05/29/14 10:49	
Bromodichloromethane	ug/L	0.27U	0.60	05/29/14 10:49	
Bromoform	ug/L	0.50U	1.0	05/29/14 10:49	
Bromomethane	ug/L	0.50U	1.0	05/29/14 10:49	
Carbon disulfide	ug/L	5.0U	10.0	05/29/14 10:49	
Carbon tetrachloride	ug/L	0.50U	1.0	05/29/14 10:49	
Chlorobenzene	ug/L	0.50U	1.0	05/29/14 10:49	
Chloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
Chloroform	ug/L	0.50U	1.0	05/29/14 10:49	
Chloromethane	ug/L	0.62U	1.0	05/29/14 10:49	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 10:49	
Dibromochloromethane	ug/L	0.26U	0.50	05/29/14 10:49	
Dibromomethane	ug/L	0.50U	1.0	05/29/14 10:49	
Ethylbenzene	ug/L	0.50U	1.0	05/29/14 10:49	
Iodomethane	ug/L	0.50U	1.0	05/29/14 10:49	
Methylene Chloride	ug/L	2.5U	5.0	05/29/14 10:49	
Styrene	ug/L	0.50U	1.0	05/29/14 10:49	
Tetrachloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
Toluene	ug/L	0.50U	1.0	05/29/14 10:49	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 10:49	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

METHOD BLANK: 914507 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/29/14 10:49	
Trichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/29/14 10:49	
Vinyl acetate	ug/L	1.0U	2.0	05/29/14 10:49	
Vinyl chloride	ug/L	0.50U	1.0	05/29/14 10:49	
Xylene (Total)	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichloroethane-d4 (S)	%	123	86-125	05/29/14 10:49	
4-Bromofluorobenzene (S)	%	110	70-114	05/29/14 10:49	
Toluene-d8 (S)	%	110	87-113	05/29/14 10:49	

LABORATORY CONTROL SAMPLE: 914508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	103	70-130	
1,1,1-Trichloroethane	ug/L	20	23.9	119	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.0	95	70-130	
1,1,2-Trichloroethane	ug/L	20	17.9	89	70-130	
1,1-Dichloroethane	ug/L	20	18.5	93	70-130	
1,1-Dichloroethene	ug/L	20	21.0	105	70-130	
1,2,3-Trichloropropane	ug/L	20	21.8	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	28.3	141	64-130	J(L0)
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	17.3	86	70-130	
1,2-Dichloroethane	ug/L	20	23.5	118	70-130	
1,2-Dichloropropane	ug/L	20	17.2	86	70-130	
1,4-Dichlorobenzene	ug/L	20	19.0	95	70-130	
2-Butanone (MEK)	ug/L	40	39.8	100	55-167	
2-Hexanone	ug/L	40	40.7	102	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.5	99	70-130	
Acetone	ug/L	40	45.8	115	40-150	
Acrylonitrile	ug/L	200	185	92	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	21.7	108	70-130	
Bromodichloromethane	ug/L	20	22.4	112	70-130	
Bromoform	ug/L	20	19.0	95	68-130	
Bromomethane	ug/L	20	24.8	124	38-179	
Carbon disulfide	ug/L	20	20.2	101	51-155	
Carbon tetrachloride	ug/L	20	24.1	121	70-130	
Chlorobenzene	ug/L	20	20.7	104	70-130	
Chloroethane	ug/L	20	20.2	101	59-149	
Chloroform	ug/L	20	21.3	107	70-130	
Chloromethane	ug/L	20	41.9	210	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	19.7	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.5	97	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

LABORATORY CONTROL SAMPLE: 914508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	19.0	95	70-130	
Dibromomethane	ug/L	20	22.1	111	70-130	
Ethylbenzene	ug/L	20	20.7	104	70-130	
Iodomethane	ug/L	40	46.4	116	43-160	
Methylene Chloride	ug/L	20	22.2	111	70-130	
Styrene	ug/L	20	19.9	99	70-130	
Tetrachloroethene	ug/L	20	20.7	104	66-133	
Toluene	ug/L	20	19.5	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.9	95	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.4	97	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	19.2	96	65-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Trichlorofluoromethane	ug/L	20	26.7	133	70-131	J(L0)
Vinyl acetate	ug/L	20	21.6	108	69-135	
Vinyl chloride	ug/L	20	19.2	96	69-140	
Xylene (Total)	ug/L	60	63.8	106	70-130	
1,2-Dichloroethane-d4 (S)	%			115	86-125	
4-Bromofluorobenzene (S)	%			113	70-114	
Toluene-d8 (S)	%			104	87-113	

MATRIX SPIKE SAMPLE: 915717

Parameter	Units	35139338003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.9	110	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	27.1	135	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.2	91	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.3	97	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.2	96	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	26.0	130	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	20.8	104	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	26.2	131	37-130	J(M0)
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.2	96	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.2	96	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	27.4	137	54-130	J(M1)
1,2-Dichloropropane	ug/L	0.50U	20	18.6	93	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.0	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	33.4	83	48-138	
2-Hexanone	ug/L	5.0U	40	37.3	93	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	34.7	87	28-143	
Acetone	ug/L	10.0U	40	45.7	114	20-140	
Acrylonitrile	ug/L	5.0U	200	144	72	46-130	
Benzene	ug/L	0.10U	20	20.2	101	53-132	
Bromochloromethane	ug/L	0.50U	20	23.6	118	54-132	
Bromodichloromethane	ug/L	0.27U	20	23.7	119	46-130	
Bromoform	ug/L	0.50U	20	23.9	120	32-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

MATRIX SPIKE SAMPLE: 915717

Parameter	Units	35139338003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	24.7	123	20-152	
Carbon disulfide	ug/L	5.0U	20	21.0	105	28-184	
Carbon tetrachloride	ug/L	0.50U	20	28.0	140	37-137	J(M1)
Chlorobenzene	ug/L	0.50U	20	20.4	102	46-130	
Chloroethane	ug/L	0.50U	20	24.8	124	48-159	
Chloroform	ug/L	0.50U	20	23.8	119	51-130	
Chloromethane	ug/L	0.62U	20	37.8	189	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	22.1	111	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.3	101	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.5	108	43-130	
Dibromomethane	ug/L	0.50U	20	22.5	112	50-130	
Ethylbenzene	ug/L	0.50U	20	21.7	108	43-130	
Iodomethane	ug/L	0.50U	40	39.8	100	20-169	
Methylene Chloride	ug/L	2.5U	20	23.8	119	51-135	
Styrene	ug/L	0.50U	20	24.1	121	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.9	104	26-130	
Toluene	ug/L	0.50U	20	21.7	108	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	23.2	116	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.7	98	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	15.6	78	20-139	
Trichloroethene	ug/L	0.50U	20	23.0	115	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	35.4	177	46-146	J(M0)
Vinyl acetate	ug/L	1.0U	20	19.3	96	20-165	
Vinyl chloride	ug/L	0.50U	20	25.4	127	57-142	
Xylene (Total)	ug/L	0.50U	60	71.0	118	42-130	
1,2-Dichloroethane-d4 (S)	%				133	86-125	J(S0)
4-Bromofluorobenzene (S)	%				105	70-114	
Toluene-d8 (S)	%				106	87-113	

SAMPLE DUPLICATE: 915716

Parameter	Units	35139338002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

SAMPLE DUPLICATE: 915716

Parameter	Units	35139338002 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	122	124	2		
4-Bromofluorobenzene (S)	%	109	121	11		S3
Toluene-d8 (S)	%	105	104	.7		

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MSV/11821 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 914995 Matrix: Water
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/29/14 22:29	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/29/14 22:29	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 22:29	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/29/14 22:29	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 22:29	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/29/14 22:29	
2-Hexanone	ug/L	5.0U	10.0	05/29/14 22:29	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/29/14 22:29	
Acetone	ug/L	10.0U	20.0	05/29/14 22:29	
Acrylonitrile	ug/L	5.0U	10.0	05/29/14 22:29	
Benzene	ug/L	0.10U	1.0	05/29/14 22:29	
Bromochloromethane	ug/L	0.50U	1.0	05/29/14 22:29	
Bromodichloromethane	ug/L	0.27U	0.60	05/29/14 22:29	
Bromoform	ug/L	0.50U	1.0	05/29/14 22:29	
Bromomethane	ug/L	0.50U	1.0	05/29/14 22:29	
Carbon disulfide	ug/L	5.0U	10.0	05/29/14 22:29	
Carbon tetrachloride	ug/L	0.50U	1.0	05/29/14 22:29	
Chlorobenzene	ug/L	0.50U	1.0	05/29/14 22:29	
Chloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
Chloroform	ug/L	0.50U	1.0	05/29/14 22:29	
Chloromethane	ug/L	0.62U	1.0	05/29/14 22:29	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 22:29	
Dibromochloromethane	ug/L	0.26U	0.50	05/29/14 22:29	
Dibromomethane	ug/L	0.50U	1.0	05/29/14 22:29	
Ethylbenzene	ug/L	0.50U	1.0	05/29/14 22:29	
Iodomethane	ug/L	0.50U	1.0	05/29/14 22:29	
Methylene Chloride	ug/L	2.5U	5.0	05/29/14 22:29	
Styrene	ug/L	0.50U	1.0	05/29/14 22:29	
Tetrachloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
Toluene	ug/L	0.50U	1.0	05/29/14 22:29	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 22:29	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/29/14 22:29	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

METHOD BLANK: 914995 Matrix: Water

Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/29/14 22:29	
Vinyl acetate	ug/L	1.0U	2.0	05/29/14 22:29	
Vinyl chloride	ug/L	0.50U	1.0	05/29/14 22:29	
Xylene (Total)	ug/L	0.50U	1.0	05/29/14 22:29	
1,2-Dichloroethane-d4 (S)	%	126	86-125	05/29/14 22:29	S3
4-Bromofluorobenzene (S)	%	118	70-114	05/29/14 22:29	S3
Toluene-d8 (S)	%	109	87-113	05/29/14 22:29	

LABORATORY CONTROL SAMPLE: 914996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.4	107	70-130	
1,1,1-Trichloroethane	ug/L	20	24.1	121	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.0	90	70-130	
1,1,2-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1-Dichloroethane	ug/L	20	19.2	96	70-130	
1,1-Dichloroethene	ug/L	20	23.1	115	70-130	
1,2,3-Trichloropropane	ug/L	20	21.5	107	70-130	
1,2-Dichlorobenzene	ug/L	20	19.9	99	70-130	
1,2-Dichloroethane	ug/L	20	24.6	123	70-130	
1,2-Dichloropropane	ug/L	20	17.3	87	70-130	
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-130	
2-Butanone (MEK)	ug/L	40	44.5	111	55-167	
2-Hexanone	ug/L	40	45.7	114	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	43.6	109	70-130	
Acetone	ug/L	40	54.6	136	40-150	
Acrylonitrile	ug/L	200	182	91	70-130	
Benzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	21.4	107	70-130	
Bromodichloromethane	ug/L	20	25.5	128	70-130	
Bromoform	ug/L	20	21.1	105	68-130	
Bromomethane	ug/L	20	25.6	128	38-179	
Carbon disulfide	ug/L	20	21.6	108	51-155	
Carbon tetrachloride	ug/L	20	25.0	125	70-130	
Chlorobenzene	ug/L	20	21.1	106	70-130	
Chloroethane	ug/L	20	20.5	103	59-149	
Chloroform	ug/L	20	21.3	106	70-130	
Chloromethane	ug/L	20	42.2	211	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	19.5	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	22.1	111	70-130	
Dibromochloromethane	ug/L	20	21.3	106	70-130	
Dibromomethane	ug/L	20	23.3	117	70-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

LABORATORY CONTROL SAMPLE: 914996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.8	99	70-130	
Iodomethane	ug/L	40	48.2	121	43-160	
Methylene Chloride	ug/L	20	24.0	120	70-130	
Styrene	ug/L	20	23.7	119	70-130	
Tetrachloroethene	ug/L	20	25.0	125	66-133	
Toluene	ug/L	20	21.0	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.5	102	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.9	94	65-130	
Trichloroethene	ug/L	20	20.1	101	70-130	
Trichlorofluoromethane	ug/L	20	26.8	134	70-131	J(L0)
Vinyl acetate	ug/L	20	21.9	109	69-135	
Vinyl chloride	ug/L	20	19.7	98	69-140	
Xylene (Total)	ug/L	60	68.0	113	70-130	
1,2-Dichloroethane-d4 (S)	%			136	86-125	J(S0)
4-Bromofluorobenzene (S)	%			117	70-114	J(S0)
Toluene-d8 (S)	%			115	87-113	J(S0)

MATRIX SPIKE SAMPLE: 915868

Parameter	Units	35139338006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.9	110	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	26.0	130	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	17.4	87	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	18.3	92	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.2	101	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	24.9	125	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	20.4	102	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.9	99	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	25.5	128	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.2	91	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	21.0	105	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	38.1	95	48-138	
2-Hexanone	ug/L	5.0U	40	36.2	91	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	40.5	101	28-143	
Acetone	ug/L	10.0U	40	64.0	160	20-140	J(M1)
Acrylonitrile	ug/L	5.0U	200	163	82	46-130	
Benzene	ug/L	0.10U	20	20.0	100	53-132	
Bromochloromethane	ug/L	0.50U	20	22.2	111	54-132	
Bromodichloromethane	ug/L	0.27U	20	24.1	120	46-130	
Bromoform	ug/L	0.50U	20	25.6	128	32-130	
Bromomethane	ug/L	0.50U	20	20.9	104	20-152	
Carbon disulfide	ug/L	5.0U	20	21.7	108	28-184	
Carbon tetrachloride	ug/L	0.50U	20	27.6	138	37-137	J(M1)
Chlorobenzene	ug/L	0.50U	20	21.8	109	46-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

MATRIX SPIKE SAMPLE: 915868

Parameter	Units	35139338006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	0.50U	20	20.8	104	48-159	
Chloroform	ug/L	0.50U	20	21.0	105	51-130	
Chloromethane	ug/L	0.62U	20	32.2	161	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	21.2	106	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.8	99	45-130	
Dibromochloromethane	ug/L	0.26U	20	22.5	112	43-130	
Dibromomethane	ug/L	0.50U	20	21.6	108	50-130	
Ethylbenzene	ug/L	0.50U	20	21.6	108	43-130	
Iodomethane	ug/L	0.50U	40	38.2	95	20-169	
Methylene Chloride	ug/L	2.5U	20	23.3	116	51-135	
Styrene	ug/L	0.50U	20	24.7	124	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.7	103	26-130	
Toluene	ug/L	0.50U	20	21.3	107	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.4	102	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20.6	103	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	16.5	83	20-139	
Trichloroethene	ug/L	0.50U	20	21.8	109	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	28.6	143	46-146	
Vinyl acetate	ug/L	1.0U	20	17.6	88	20-165	
Vinyl chloride	ug/L	0.50U	20	19.8	99	57-142	
Xylene (Total)	ug/L	0.50U	60	70.3	117	42-130	
1,2-Dichloroethane-d4 (S)	%				120	86-125	
4-Bromofluorobenzene (S)	%				123	70-114	J(S0)
Toluene-d8 (S)	%				98	87-113	

SAMPLE DUPLICATE: 915867

Parameter	Units	35139338005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

SAMPLE DUPLICATE: 915867

Parameter	Units	35139338005 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	121	130	7		S3
4-Bromofluorobenzene (S)	%	106	103	4		
Toluene-d8 (S)	%	108	106	2		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: OEXT/17496 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 914421 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/30/14 01:04	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/30/14 01:04	

LABORATORY CONTROL SAMPLE: 914422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.29	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.22	89	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914423 914424

Parameter	Units	35139176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0051 U	.44	.44	0.55	0.57	126	129	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0064 U	.44	.44	0.42	0.43	95	99	60-140	4	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WET/25212 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 915595 | Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/30/14 17:52	

LABORATORY CONTROL SAMPLE: 915596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	295	98	90-110	

SAMPLE DUPLICATE: 915597

Parameter	Units	35139338001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0U		20	

SAMPLE DUPLICATE: 915598

Parameter	Units	35139338011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	152	158	4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36143 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

METHOD BLANK: 911401 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/24/14 16:25	

LABORATORY CONTROL SAMPLE: 911402

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: 912168 912169

Parameter	Units	35139338003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	100	100	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912170 912171

Parameter	Units	35139338009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.9	4.9	97	97	90-110	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36149
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338014

METHOD BLANK: 912172
Matrix: Water
Associated Lab Samples: 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/24/14 22:07	

LABORATORY CONTROL SAMPLE: 912173

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: 912174 912175

Parameter	Units	35139338014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.8	4.8	96	96	90-110	.4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36150 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

METHOD BLANK: 912176 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/24/14 16:25	
Sulfate	mg/L	2.5U	5.0	05/24/14 16:25	

LABORATORY CONTROL SAMPLE: 912177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.5	95	90-110	
Sulfate	mg/L	50	47.2	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912178 912179

Parameter	Units	35139338003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	33.6	50	50	86.8	86.7	106	106	90-110	.1	20	
Sulfate	mg/L	13.3	50	50	62.9	62.6	99	99	90-110	.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912180 912181

Parameter	Units	35139310002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	30.8	50	50	133	133	205	205	90-110	.1	20	J(M1), L
Sulfate	mg/L	13.8	50	50	57.7	57.6	88	88	90-110	.2	20	J(M1)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36151 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338014

METHOD BLANK: 912182 | Matrix: Water
Associated Lab Samples: 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/24/14 22:07	
Sulfate	mg/L	2.5U	5.0	05/24/14 22:07	

LABORATORY CONTROL SAMPLE: 912183

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912184 912185

Parameter	Units	35138230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	33.5	250	250	267	267	93	93	90-110	.1	20	
Sulfate	mg/L	98.6	250	250	343	339	98	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912187 912188

Parameter	Units	35139338014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	98.7	50	50	152	152	107	107	90-110	.09	20	L
Sulfate	mg/L	57.3	50	50	111	111	107	107	90-110	.01	20	L

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36331 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 916724 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/31/14 15:20	

LABORATORY CONTROL SAMPLE: 916725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.99	99	90-110	

MATRIX SPIKE SAMPLE: 916727

Parameter	Units	35139176003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.57	1	1.5	92	90-110	

SAMPLE DUPLICATE: 916726

Parameter	Units	35139176003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.57	0.56	.7	20	

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QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

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(IS)	Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338002	**B44**		FLD/		
35139338003	**B44 Dup**		FLD/		
35139338004	**B75**		FLD/		
35139338005	**B60**		FLD/		
35139338006	**B59-1R**		FLD/		
35139338007	**B59-2R**		FLD/		
35139338008	**B68**		FLD/		
35139338009	**B8**		FLD/		
35139338010	**B8-2**		FLD/		
35139338011	**B11**		FLD/		
35139338012	**B33-1**		FLD/		
35139338013	**B33-2**		FLD/		
35139338014	**B32**		FLD/		
35139338001	**EQ Blank 5/23/14**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338002	**B44**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338003	**B44 Dup**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338004	**B75**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338005	**B60**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338006	**B59-1R**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338007	**B59-2R**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338008	**B68**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338009	**B8**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338010	**B8-2**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338011	**B11**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338012	**B33-1**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338013	**B33-2**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338014	**B32**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338001	**EQ Blank 5/23/14**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338002	**B44**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338003	**B44 Dup**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338004	**B75**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338005	**B60**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338006	**B59-1R**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338007	**B59-2R**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338008	**B68**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338009	**B8**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338010	**B8-2**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338011	**B11**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338012	**B33-1**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338013	**B33-2**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338014	**B32**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338001	**EQ Blank 5/23/14**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338002	**B44**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338003	**B44 Dup**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338004	**B75**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338005	**B60**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338006	**B59-1R**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338007	**B59-2R**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338008	**B68**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338009	**B8**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338010	**B8-2**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338011	**B11**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338012	**B33-1**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338013	**B33-2**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338014	**B32**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338001	**EQ Blank 5/23/14**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338002	**B44**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338003	**B44 Dup**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338004	**B75**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338005	**B60**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338006	**B59-1R**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338007	**B59-2R**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338008	**B68**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338009	**B8**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338010	**B8-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338011	**B11**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338012	**B33-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338013	**B33-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338014	**B32**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338001	**EQ Blank 5/23/14**	EPA 8260	MSV/11816		
35139338002	**B44**	EPA 8260	MSV/11816		
35139338003	**B44 Dup**	EPA 8260	MSV/11816		
35139338004	**B75**	EPA 8260	MSV/11816		
35139338005	**B60**	EPA 8260	MSV/11821		
35139338006	**B59-1R**	EPA 8260	MSV/11821		
35139338007	**B59-2R**	EPA 8260	MSV/11821		
35139338008	**B68**	EPA 8260	MSV/11821		
35139338009	**B8**	EPA 8260	MSV/11821		
35139338010	**B8-2**	EPA 8260	MSV/11821		
35139338011	**B11**	EPA 8260	MSV/11821		
35139338012	**B33-1**	EPA 8260	MSV/11821		
35139338013	**B33-2**	EPA 8260	MSV/11821		
35139338014	**B32**	EPA 8260	MSV/11821		
35139338015	**Trip Blank 5/23/14**	EPA 8260	MSV/11816		
35139338001	**EQ Blank 5/23/14**	SM 2540C	WET/25212		
35139338002	**B44**	SM 2540C	WET/25212		
35139338003	**B44 Dup**	SM 2540C	WET/25212		
35139338004	**B75**	SM 2540C	WET/25212		
35139338005	**B60**	SM 2540C	WET/25212		
35139338006	**B59-1R**	SM 2540C	WET/25212		
35139338007	**B59-2R**	SM 2540C	WET/25212		
35139338008	**B68**	SM 2540C	WET/25212		
35139338009	**B8**	SM 2540C	WET/25212		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338010	**B8-2**	SM 2540C	WET/25212		
35139338011	**B11**	SM 2540C	WET/25212		
35139338012	**B33-1**	SM 2540C	WET/25212		
35139338013	**B33-2**	SM 2540C	WET/25212		
35139338014	**B32**	SM 2540C	WET/25212		
35139338001	**EQ Blank 5/23/14**	EPA 300.0	WETA/36143		
35139338002	**B44**	EPA 300.0	WETA/36143		
35139338003	**B44 Dup**	EPA 300.0	WETA/36143		
35139338004	**B75**	EPA 300.0	WETA/36143		
35139338005	**B60**	EPA 300.0	WETA/36143		
35139338006	**B59-1R**	EPA 300.0	WETA/36143		
35139338007	**B59-2R**	EPA 300.0	WETA/36143		
35139338008	**B68**	EPA 300.0	WETA/36143		
35139338009	**B8**	EPA 300.0	WETA/36143		
35139338010	**B8-2**	EPA 300.0	WETA/36143		
35139338011	**B11**	EPA 300.0	WETA/36143		
35139338012	**B33-1**	EPA 300.0	WETA/36143		
35139338013	**B33-2**	EPA 300.0	WETA/36143		
35139338014	**B32**	EPA 300.0	WETA/36149		
35139338001	**EQ Blank 5/23/14**	EPA 300.0	WETA/36150		
35139338002	**B44**	EPA 300.0	WETA/36150		
35139338003	**B44 Dup**	EPA 300.0	WETA/36150		
35139338004	**B75**	EPA 300.0	WETA/36150		
35139338005	**B60**	EPA 300.0	WETA/36150		
35139338006	**B59-1R**	EPA 300.0	WETA/36150		
35139338007	**B59-2R**	EPA 300.0	WETA/36150		
35139338008	**B68**	EPA 300.0	WETA/36150		
35139338009	**B8**	EPA 300.0	WETA/36150		
35139338010	**B8-2**	EPA 300.0	WETA/36150		
35139338011	**B11**	EPA 300.0	WETA/36150		
35139338012	**B33-1**	EPA 300.0	WETA/36150		
35139338013	**B33-2**	EPA 300.0	WETA/36150		
35139338014	**B32**	EPA 300.0	WETA/36151		
35139338001	**EQ Blank 5/23/14**	EPA 350.1	WETA/36331		
35139338002	**B44**	EPA 350.1	WETA/36331		
35139338003	**B44 Dup**	EPA 350.1	WETA/36331		
35139338004	**B75**	EPA 350.1	WETA/36331		
35139338005	**B60**	EPA 350.1	WETA/36331		
35139338006	**B59-1R**	EPA 350.1	WETA/36331		
35139338007	**B59-2R**	EPA 350.1	WETA/36331		
35139338008	**B68**	EPA 350.1	WETA/36331		
35139338009	**B8**	EPA 350.1	WETA/36331		
35139338010	**B8-2**	EPA 350.1	WETA/36331		
35139338011	**B11**	EPA 350.1	WETA/36331		
35139338012	**B33-1**	EPA 350.1	WETA/36331		
35139338013	**B33-2**	EPA 350.1	WETA/36331		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338014	**B32**	EPA 350.1	WETA/36331		

WO#: 35139338

35139338

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Page: 1 of 2

1774449

Section A
Required Client Information:

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

Section B
Required Project Information:

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

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

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location
STATE:

Section D
Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): NITRATE NITROGEN	SULFATE	TOC	Total Coliform (MF)	Fecal Coliform (MF)	Total Hardness	TDS	SO4	TCN	OPO4	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-23-14	0855		8	3	1	1	3					X	X	X	X	X	X	X	X			
2	B44						0910																					
3	DUPLICATE						0930																					
4	B75						1006																					
5	B60						1052																					
6	B59-1R						1141																					
7	B59-2R						1205																					
8	B68						1250																					
9	B8						1345																					
10	B8-2						1422																					
11	B1						1458																					
12	B33-1						1553																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	EMS/PACE	5-23-14	1757	[illegible]	5/23/14	1757	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-23-14

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

ORIGINAL

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

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

Pace Analytical
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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1764055

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

Section B Required Project Information:
Report To: JENNIFER STARK
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Nitrate, Chloride	Sulfate, TDS	Nitrogen/Ammonia (NH3)	Total Phos	Metals	Oil & Grease	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B33-2	GW	G			5-23-14	1617		8	3	1	1	3					X	X	X	X	X	X			
2	B32	↓	↓			↓	1705		8	3	1	1	3					X	X	X	X	X	X			
3	TRIP BLANKS	↓	↓			↓	—		2				2										X			
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / PACE	5-23-14	0757	[signature]	5/23/14	1754	4.2 F-18

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-23-14

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: O | SAMPLE ID: EQ | DATE: 5-23-14

PURGING DATA

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

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): | FINAL PUMP OR TUBING DEPTH IN WELL (feet): | PURGING INITIATED AT: | PURGING ENDED AT: | TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 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: 0845 | SAMPLING ENDED AT: 0855

PUMP OR TUBING DEPTH IN WELL (feet): | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	LOW LOW Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste	SITE LOCATION: Tomoka Stmi	
WELL NO: 1	SAMPLE ID: B 44/Duplicate	DATE: 5.23.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.20	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (14.65 feet – 6.20 feet) x 0.16 gallons/foot = 1.352 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 0903	PURGING ENDED AT: 0918	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0913	1.50	1.50	0.15	7.27	5.44	21.91	169	0.63	5.52	Clear	Sulfur
0916	0.45	1.95	1	7.27	5.44	21.91	166	0.53	4.76	1	1
0918	0.45	2.40	1	7.27	5.41	21.91	171	0.49	3.93	1	1

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 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):	SAMPLING INITIATED AT: 0918	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE.S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.41	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	Total/Diss Metals	↓	↓
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.41	Soil COD		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 122.7 ORP 116.5 ORP 112.2

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

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

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

Pace Analytical Florida Laboratory	Document Name: Groundwater Sampling Log Document 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 Solid Waste | SITE LOCATION: Tomoka Sem 1

WELL NO: 2 | SAMPLE ID: 875 | DATE: 8-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.50 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (20.60 feet – 8.50 feet) X 0.16 gallons/foot = 1.936 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | PURGING INITIATED AT: 0948 | PURGING ENDED AT: 1000 | TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0956	2.00	2.00	0.25	9.27	6.37	24.44	1250	0.38	5.84	yellow	sulfes
0958	0.50	2.50	|	9.27	6.37	24.44	1250	0.31	8.00	|	|
1000	0.50	3.00	|	9.27	6.37	24.46	1250	0.27	7.50	|	

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): | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N | TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.37	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	Dissolved Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.37	BOD, COD	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -68.8 ORP -70.4 ORP -71.7

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 3 | SAMPLE ID: B 60 | DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.85 | 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) = (35.75 feet – 6.85 feet) X 0.16 gallons/foot = 4.624 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1019 | PURGING ENDED AT: 1046 | TOTAL VOLUME PURGED (gallons): 6.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1038	4.75	4.75	0.25	7.97	6.57	25.40	549	0.26	3.06	YELLOW	SULFUR
1042	1.00	5.75			6.57	25.41	548	0.25	0.65		
1046	1.00	6.75			6.57	25.43	548	0.23	0.22		

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 GIBBONS / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1046 | SAMPLING ENDED AT: 1052

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.57	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020 Hg, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.57	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-56.4 ORP-56.6 ORP-57.5

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 4 | SAMPLE ID: B59-1R | DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.55 | 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) = (35.00 feet – 6.55 feet) X 0.16 gallons/foot = 4.552 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1108 | PURGING ENDED AT: 1135 | TOTAL VOLUME PURGED (gallons): 6.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1127	4.75	4.75	0.25	7.81	6.73	25.90	649	0.28	0.68	Yellow	Sulfur
1131	1.00	5.75	1	7.82	6.74	25.88	648	0.23	0.42	|	|
1135	1.00	6.75		7.83	~~6.47~~ 6.74	26.03	649	0.21	0.28		

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: 1135 | SAMPLING ENDED AT: 1141

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE-S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.74	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	GW/GRO/14 metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.74	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	APP	100

REMARKS: ORP-91.1 ORP-92.5 ORP-93.6

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI
WELL NO: 5 | SAMPLE ID: B 59-2R | DATE: 5-23-14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.70 feet – ~~17.76~~ 6.70 feet) X 0.16 gallons/foot = 1.76 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | PURGING INITIATED AT: 1146 | PURGING ENDED AT: 1158 | TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1154	2.00	2.00	0.25	7.62	6.76	26.37	748	0.21	13.1	Yellow	Sulfur
1156	0.50	2.50		7.62	6.73	26.30	750	0.21	7.68		
1158	0.50	3.00		7.62	6.70	26.30	751	0.22	6.69		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 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 GIBBS / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1158 | SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet): 8 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.70	TDS, Nitrate, Cl	PP	400
	1		250	HNO3		<2	6010, 6020/16 METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.70	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -85.1 ORP -81.2

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

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)

Constitute all of the information required by Chapter 62-160, F.A.C.
FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
Temp: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ±10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO.: 6 | SAMPLE ID: B68 | DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.30 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35.80 feet – 6.30 feet) X 0.16 gallons/foot = 4.72 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1217 | PURGING ENDED AT: 1244 | TOTAL VOLUME PURGED (gallons): 6.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1236	4.75	4.75	0.25	8.30	5.88	25.70	838	0.11	1.36	YELLOW	SULFUR
1240	1.00	5.75			5.89	25.70	831	0.11	0.45		
1244	1.00	6.75			5.89	25.65	819	0.10	0.58		

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: 1244 | SAMPLING ENDED AT: 1250

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.89	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.89	8011 8015		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP-8.3 ORP-9.9 ORP-12.2

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

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

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

Pace Analytical Florida Laboratory	Document Name: Groundwater Sampling Log Document 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 Solid Waste | SITE LOCATION: Tomoka Semi | DATE: 5-23-14

WELL NO: 7 | SAMPLE ID: 88-1

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 13.85 | 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) = (47.82 feet – 13.85 feet) x 0.16 gallons/foot = 5.4352 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16 | PURGING INITIATED AT: 1302 | PURGING ENDED AT: 1339 | TOTAL VOLUME PURGED (gallons): 9.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1326	5.50	5.50	0.25	14.26	6.70	27.11	682	2.85	1.37	Yellow	Sulfur
1329	1.25	6.75	|	|	6.56	27.20	683	1.88	1.92	|	|
1334	1.25	8.00	|	|	6.53	27.19	688	1.43	0.84	|	|
1339	1.25	9.25	|	|	6.53	27.14	688	1.12	0.47	|	|

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./FL): 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: 1339 | SAMPLING ENDED AT: ~~1445~~ 1345

PUMP OR TUBING DEPTH IN WELL (feet): 16 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.53	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.53	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -5.3 ORP -7.2 ORP -17.3 ORP -20.6

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Venice County Solid Waste | SITE LOCATION: Tomoka Semi

WELL NO: 8 | SAMPLE ID: B 8-2 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.30 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (33.20 feet – 6.30 feet) X 0.16 gallons/foot = 4.304 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1350 | PURGING ENDED AT: 1416 | TOTAL VOLUME PURGED (gallons): 6.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1408	4.50	4.50	0.25	7.40	5.20	25.82	1302	0.17	9.20	CLEAR	NONE
1412	1.00	5.50		7.40	5.20	25.80	1305	0.15	5.58		
1416	1.00	6.50		7.40	5.21	25.83	1300	0.13	5.09		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mark Gilbert / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1416 | SAMPLING ENDED AT: 1422

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.21	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Cd, Cr, Cu, Pb, Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.21	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 80.7 ORP 79.8 ORP 78.2

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SOMA	
WELL NO: 9	SAMPLE ID: B 11	DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.50	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (16.80 feet – 4.50 feet) X 0.16 gallons/foot = 1.968 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1440	PURGING ENDED AT: 1452	TOTAL VOLUME PURGED (gallons): ~~2.50~~ 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1448	2.00	2.00	0.25	6.05	5.01	26.67	162	0.26	1.40	YELLOW	SULFUR
1450	0.50	2.50	1	6.05	5.05	26.60	162	0.22	0.44	(	(
1452	0.50	~~2.50~~ 3.00	1	6.05	5.08	26.59	164	0.25	0.50		

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 / PACO	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1452	SAMPLING ENDED AT: 1458
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.08	TDS, NH3, NO2, Cl	PP	400
	1		250	HNO3		<2	6010, 6020/Hg metals	↓	↓
	1		250	H2SO4		<2	350 NH3		
	2		40	ICE		5.08	8011 EDB	↓	100
	3		40	HCL		<2	8260 VOC	RFPP	100

REMARKS: [illegible] 9.4 ORP 73.4

MATERIAL CODES: [illegible] CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

[illegible] = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; [illegible] = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTE: [illegible] all of the information required by Chapter 62-160, F.A.C.

[illegible] RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

[illegible] Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); [illegible] (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEM 1

WELL NO: 10 | SAMPLE ID: B 33-1 | DATE: 5-23-16

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.40 | 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)
= (39.50 feet – 7.40 feet) X 0.16 gallons/foot = 5.136 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10 | PURGING INITIATED AT: 1516 | PURGING ENDED AT: 1547 | TOTAL VOLUME PURGED (gallons): 7.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1537	5.25	5.25	0.25	8.63	6.29	25.14	618	0.17	0.68	YELLOW	SULFUR
1542	1.25	6.50	1	8.63	6.29	25.20	613	0.15	0.88	(	)
1547	1.25	7.75	1	8.63	6.30	25.24	614	0.14	0.82	(	)

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: 1547 | SAMPLING ENDED AT: 1553

PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE.5 | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.30	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	8010, 8020/14 METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.30	8011 DBP	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -51.7 ORP -53.9 ORP -55.8

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE
SITE LOCATION: TOMOKA SOMC
WELL NO: 11
SAMPLE ID: B 33-2
DATE: 5.23.14

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet): 4.90
PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.50 feet – 4.90 feet) X 0.16 gallons/foot = ~~3.15~~ 2.016 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):
FINAL PUMP OR TUBING DEPTH IN WELL (feet):
PURGING INITIATED AT: 1556
PURGING ENDED AT: 1611
TOTAL VOLUME PURGED (gallons): 3.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1605	2.25	2.25	0.25	7.80	6.76	26.01	896	0.19	4.15	YELLOW	SULFUR
1607	0.50	2.75	↓	8.43	6.76	26.05	960	0.19	3.34	↓	↓
1609	0.50	3.25	↓	8.75	6.76	26.08	979	0.19	3.17	↓	↓
1611	0.50	3.75	↓	9.10	6.76	26.11	980	0.21	3.82	↓	↓

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: MARC GILBERT/PACE
SAMPLER(S) SIGNATURE(S): [signature]
SAMPLING INITIATED AT: 1611
SAMPLING ENDED AT: 1617

PUMP OR TUBING DEPTH IN WELL (feet):
TUBING MATERIAL CODE: PE.5
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced)
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.76	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	COD, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.76	9011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-69.0 ORP-67.8 ORP-69.4 ORP-70.0

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEM 1	
WELL NO: 12	SAMPLE ID: B 32	DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.50	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (31.28 feet – 3.50 feet) X 0.16 gallons/foot = 4.4448 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: 1629	PURGING ENDED AT: 1657	TOTAL VOLUME PURGED (gallons): 7.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1647	4.50	4.50	0.25	4.89	6.70	24.52	857	0.37	8.86	Yellow	none
1652	1.25	5.75	|	4.89	6.71	24.48	860	0.22	8.73	|	|
1657	1.25	7.00	|	4.89	6.71	24.41	861	0.20	5.92	|	|

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./FL): 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 GIBBS / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1657	SAMPLING ENDED AT: 1705
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE.S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	1000	ICE		6.71	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.71	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP-85.0 ORP-89.1 ORP-90.9

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

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

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

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # _____

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

Tracking # _____

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

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

Thermometer Used T 166 Type of Ice: (Wet) Blue None

Cooler Temperature °C 0.5 (Visual) +0.4 (Correction Factor) 0.9 (Actual)

0.5 + 0.4 0.9

3.8 + 0.4 4.3

Date and Initials of person examining contents: _____

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Volusia Solid Waste Project # 35139338

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

Tracking # _____

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

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

Date and Initials of person examining contents: 3/22/14 TH

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

Cooler Temperature °C 4.3 (Visual) -0.1 (Correction Factor) 4.2 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

June 10, 2014

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

RE: Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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

CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139512001	**EQ Blank 5/27/14**	Water	05/27/14 08:00	05/27/14 17:40
35139512002	**B-5**	Water	05/27/14 08:55	05/27/14 17:40
35139512003	**B-5 Dup**	Water	05/27/14 08:55	05/27/14 17:40
35139512004	**B-2**	Water	05/27/14 09:50	05/27/14 17:40
35139512005	**B34-1**	Water	05/27/14 10:37	05/27/14 17:40
35139512006	**B34-2**	Water	05/27/14 11:00	05/27/14 17:40
35139512007	**B63-1**	Water	05/27/14 11:58	05/27/14 17:40
35139512008	**B63-2**	Water	05/27/14 12:30	05/27/14 17:40
35139512009	**B35-1**	Water	05/27/14 13:25	05/27/14 17:40
35139512010	**B35-2**	Water	05/27/14 13:51	05/27/14 17:40
35139512011	**B36**	Water	05/27/14 14:50	05/27/14 17:40
35139512012	**B37-1**	Water	05/27/14 15:45	05/27/14 17:40
35139512013	**B37-2**	Water	05/27/14 16:15	05/27/14 17:40
35139512014	**B64**	Water	05/27/14 16:56	05/27/14 17:40
35139512015	**Trip Blank 5-27-14**	Water	05/27/14 00:00	05/27/14 17:40

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139512001	**EQ Blank 5/27/14**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512002	**B-5**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512003	**B-5 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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512004	**B-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS, KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512005	**B34-1**	EPA 8011	IRL	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS, JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512006	**B34-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512007	**B63-1**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512008	**B63-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512009	**B35-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512010	**B35-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512011	**B36**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512012	**B37-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512013	**B37-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512014	**B64**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512015	**Trip Blank 5-27-14**	EPA 8260	SK	50	PASI-O

Pace Analytical Services, Inc.
8 East Tower Circle
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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512002	**B-5**					
	Field pH	6.56	Std. Units		05/27/14 08:55	
	Field Temperature	23.34	deg C		05/27/14 08:55	
	Appearance	Color: yellow, Sheen: none			05/27/14 08:55	
	Field Specific Conductance	924	umhos/cm		05/27/14 08:55	
	Oxygen, Dissolved	0.25	mg/L		05/27/14 08:55	
	REDOX	-75.7	mV		05/27/14 08:55	
	Turbidity	1.35	NTU		05/27/14 08:55	
	Water Level(NGVD)	28.91	feet		05/27/14 08:55	
EPA 6010	Barium	108	ug/L	10.0	06/01/14 22:51	
EPA 6010	Iron	18500	ug/L	40.0	06/01/14 22:51	
EPA 6010	Sodium	34.7	mg/L	1.0	06/01/14 22:51	
EPA 8260	Vinyl chloride	0.67 I	ug/L	1.0	05/30/14 01:07	
SM 2540C	Total Dissolved Solids	562	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	28.1	mg/L	10.0	05/28/14 20:06	
EPA 350.1	Nitrogen, Ammonia	0.31	mg/L	0.050	05/31/14 16:20	
35139512003	**B-5 Dup**					
	Field pH	6.56	Std. Units		05/27/14 08:55	
	Field Temperature	23.34	deg C		05/27/14 08:55	
	Appearance	Color: yellow, Sheen: none			05/27/14 08:55	
	Field Specific Conductance	924	umhos/cm		05/27/14 08:55	
	Oxygen, Dissolved	0.25	mg/L		05/27/14 08:55	
	REDOX	-75.7	mV		05/27/14 08:55	
	Turbidity	1.35	NTU		05/27/14 08:55	
	Water Level(NGVD)	28.91	feet		05/27/14 08:55	
EPA 6010	Barium	110	ug/L	10.0	06/01/14 23:07	
EPA 6010	Iron	18900	ug/L	40.0	06/01/14 23:07	
EPA 6010	Sodium	35.4	mg/L	1.0	06/01/14 23:07	
EPA 8260	Vinyl chloride	0.60 I	ug/L	1.0	05/30/14 01:57	
SM 2540C	Total Dissolved Solids	566	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	27.5	mg/L	10.0	05/28/14 20:28	
EPA 350.1	Nitrogen, Ammonia	0.31	mg/L	0.050	05/31/14 16:21	
35139512004	**B-2**					
	Field pH	5.53	Std. Units		05/27/14 09:50	
	Field Temperature	25.59	deg C		05/27/14 09:50	
	Appearance	Color: yellow, Sheen: none			05/27/14 09:50	
	Field Specific Conductance	916	umhos/cm		05/27/14 09:50	
	Oxygen, Dissolved	0.24	mg/L		05/27/14 09:50	
	REDOX	31.9	mV		05/27/14 09:50	
	Turbidity	1.44	NTU		05/27/14 09:50	

Pace Analytical Services, Inc.
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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512004	**B-2**					
	Water Level(NGVD)	23.61	feet		05/27/14 09:50	
EPA 6010	Barium	110	ug/L	10.0	06/01/14 23:10	
EPA 6010	Beryllium	1.7	ug/L	1.0	06/01/14 23:10	
EPA 6010	Chromium	3.5 I	ug/L	5.0	06/01/14 23:10	
EPA 6010	Iron	38300	ug/L	40.0	06/01/14 23:10	
EPA 6010	Sodium	28.3	mg/L	1.0	06/01/14 23:10	
EPA 6010	Vanadium	17.6	ug/L	10.0	06/01/14 23:10	
SM 2540C	Total Dissolved Solids	743	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	36.1	mg/L	10.0	05/28/14 20:49	
EPA 300.0	Sulfate	331	mg/L	50.0	06/08/14 21:40	
EPA 350.1	Nitrogen, Ammonia	3.3	mg/L	0.050	05/31/14 16:24	
35139512005	**B34-1**					
	Field pH	6.51	Std. Units		05/27/14 10:37	
	Field Temperature	23.12	deg C		05/27/14 10:37	
	Appearance	Color: none, Sheen: none			05/27/14 10:37	
	Field Specific Conductance	1154	umhos/cm		05/27/14 10:37	
	Oxygen, Dissolved	0.25	mg/L		05/27/14 10:37	
	REDOX	-80.1	mV		05/27/14 10:37	
	Turbidity	1.59	NTU		05/27/14 10:37	
	Water Level(NGVD)	27.38	feet		05/27/14 10:37	
EPA 6010	Barium	142	ug/L	10.0	06/01/14 23:14	
EPA 6010	Iron	29800	ug/L	40.0	06/01/14 23:14	
EPA 6010	Sodium	40.4	mg/L	1.0	06/01/14 23:14	
SM 2540C	Total Dissolved Solids	841	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	53.0	mg/L	10.0	05/28/14 21:10	
EPA 300.0	Sulfate	195	mg/L	25.0	06/05/14 17:41	
EPA 350.1	Nitrogen, Ammonia	0.12	mg/L	0.050	05/31/14 16:25	
35139512006	**B34-2**					
	Field pH	6.91	Std. Units		05/27/14 11:00	
	Field Temperature	23.60	deg C		05/27/14 11:00	
	Appearance	Color: yellow, Sheen: none			05/27/14 11:00	
	Field Specific Conductance	2121	umhos/cm		05/27/14 11:00	
	Oxygen, Dissolved	0.31	mg/L		05/27/14 11:00	
	REDOX	-76.4	mV		05/27/14 11:00	
	Turbidity	5.91	NTU		05/27/14 11:00	
	Water Level(NGVD)	28.61	feet		05/27/14 11:00	
EPA 6010	Barium	109	ug/L	10.0	06/01/14 23:18	
EPA 6010	Iron	3280	ug/L	40.0	06/01/14 23:18	
EPA 6010	Nickel	8.9	ug/L	5.0	06/01/14 23:18	
EPA 6010	Sodium	96.7	mg/L	1.0	06/01/14 23:18	
SM 2540C	Total Dissolved Solids	1680	mg/L	5.0	05/30/14 17:56	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512006	**B34-2**					
EPA 300.0	Chloride	94.5	mg/L	25.0	05/29/14 04:18	
EPA 300.0	Sulfate	284	mg/L	25.0	05/29/14 04:18	
EPA 350.1	Nitrogen, Ammonia	0.16	mg/L	0.050	06/05/14 11:48	
35139512007	**B63-1**					
	Field pH	6.65	Std. Units		05/27/14 11:58	
	Field Temperature	23.13	deg C		05/27/14 11:58	
	Appearance	Color: yellow, Sheen: none			05/27/14 11:58	
	Field Specific Conductance	491	umhos/cm		05/27/14 11:58	
	Oxygen, Dissolved	0.18	mg/L		05/27/14 11:58	
	REDOX	-54.1	mV		05/27/14 11:58	
	Turbidity	0.44	NTU		05/27/14 11:58	
	Water Level(NGVD)	28.61	feet		05/27/14 11:58	
EPA 6010	Barium	44.2	ug/L	10.0	06/01/14 23:22	
EPA 6010	Iron	2340	ug/L	40.0	06/01/14 23:22	
EPA 6010	Sodium	51.3	mg/L	1.0	06/01/14 23:22	
SM 2540C	Total Dissolved Solids	335	mg/L	5.0	06/03/14 10:43	
EPA 300.0	Chloride	32.5	mg/L	5.0	05/29/14 04:40	
EPA 350.1	Nitrogen, Ammonia	0.12	mg/L	0.050	06/05/14 11:50	
35139512008	**B63-2**					
	Field pH	6.59	Std. Units		05/27/14 12:30	
	Field Temperature	24.12	deg C		05/27/14 12:30	
	Appearance	Color: yellow, Sheen: none			05/27/14 12:30	
	Field Specific Conductance	826	umhos/cm		05/27/14 12:30	
	Oxygen, Dissolved	0.16	mg/L		05/27/14 12:30	
	REDOX	-88.6	mV		05/27/14 12:30	
	Turbidity	15.1	NTU		05/27/14 12:30	
	Water Level(NGVD)	28.47	feet		05/27/14 12:30	
EPA 6010	Barium	63.6	ug/L	10.0	06/01/14 23:26	
EPA 6010	Iron	20400	ug/L	40.0	06/01/14 23:26	
EPA 6010	Sodium	41.3	mg/L	1.0	06/01/14 23:26	
SM 2540C	Total Dissolved Solids	518	mg/L	5.0	06/03/14 10:43	
EPA 300.0	Chloride	57.4	mg/L	5.0	05/28/14 20:37	
EPA 350.1	Nitrogen, Ammonia	0.054	mg/L	0.050	06/05/14 11:52	
35139512009	**B35-1**					
	Field pH	5.67	Std. Units		05/27/14 13:25	
	Field Temperature	24.58	deg C		05/27/14 13:25	
	Appearance	Color: yellow, Sheen: none			05/27/14 13:25	
	Field Specific Conductance	333	umhos/cm		05/27/14 13:25	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512009	**B35-1**					
	Oxygen, Dissolved	0.14	mg/L		05/27/14 13:25	
	REDOX	46.0	mV		05/27/14 13:25	
	Turbidity	2.59	NTU		05/27/14 13:25	
	Water Level(NGVD)	28.49	feet		05/27/14 13:25	
EPA 6010	Barium	94.5	ug/L	10.0	06/01/14 23:29	
EPA 6010	Iron	10900	ug/L	40.0	06/01/14 23:29	
EPA 6010	Sodium	25.6	mg/L	1.0	06/01/14 23:29	
SM 2540C	Total Dissolved Solids	246	mg/L	5.0	06/03/14 10:43	
EPA 300.0	Chloride	70.8	mg/L	5.0	05/28/14 19:33	
EPA 350.1	Nitrogen, Ammonia	0.15	mg/L	0.050	06/05/14 11:54	
35139512010	**B35-2**					
	Field pH	5.38	Std. Units		05/27/14 13:51	
	Field Temperature	24.53	deg C		05/27/14 13:51	
	Appearance	Color: yellow, Sheen: none			05/27/14 13:51	
	Field Specific Conductance	396	umhos/cm		05/27/14 13:51	
	Oxygen, Dissolved	0.03	mg/L		05/27/14 13:51	
	REDOX	53.1	mV		05/27/14 13:51	
	Turbidity	2.45	NTU		05/27/14 13:51	
	Water Level(NGVD)	28.51	feet		05/27/14 13:51	
EPA 6010	Barium	64.4	ug/L	10.0	06/01/14 23:33	
EPA 6010	Chromium	7.2	ug/L	5.0	06/01/14 23:33	
EPA 6010	Iron	9540	ug/L	40.0	06/01/14 23:33	
EPA 6010	Sodium	56.2	mg/L	1.0	06/01/14 23:33	
EPA 6010	Vanadium	12.1	ug/L	10.0	06/01/14 23:33	
SM 2540C	Total Dissolved Solids	298	mg/L	5.0	06/03/14 10:44	
EPA 300.0	Chloride	96.3	mg/L	5.0	05/28/14 18:50	
EPA 350.1	Nitrogen, Ammonia	1.1	mg/L	0.050	06/05/14 11:55	
35139512011	**B36**					
	Field pH	6.40	Std. Units		05/27/14 14:50	
	Field Temperature	24.11	deg C		05/27/14 14:50	
	Appearance	Color: none, Sheen: none			05/27/14 14:50	
	Field Specific Conductance	1763	umhos/cm		05/27/14 14:50	
	Oxygen, Dissolved	0.11	mg/L		05/27/14 14:50	
	REDOX	-40.4	mV		05/27/14 14:50	
	Turbidity	1.33	NTU		05/27/14 14:50	
	Water Level(NGVD)	28.07	feet		05/27/14 14:50	
EPA 6010	Barium	135	ug/L	10.0	06/01/14 23:37	
EPA 6010	Iron	5650	ug/L	40.0	06/01/14 23:37	
EPA 6010	Sodium	120	mg/L	1.0	06/01/14 23:37	
EPA 8260	Benzene	2.5	ug/L	1.0	05/31/14 18:10	
EPA 8260	Chlorobenzene	2.7	ug/L	1.0	05/31/14 18:10	

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(386)672-5668

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512011	**B36**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	05/31/14 18:10	
EPA 8260	Xylene (Total)	1.0	ug/L	1.0	05/31/14 18:10	
SM 2540C	Total Dissolved Solids	1210	mg/L	10.0	06/03/14 10:44	
EPA 300.0	Chloride	226	mg/L	25.0	05/28/14 19:11	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	06/05/14 12:00	
35139512012	**B37-1**					
	Field pH	6.35	Std. Units		05/27/14 15:45	
	Field Temperature	24.34	deg C		05/27/14 15:45	
	Appearance	Color: yellow, Sheen: none			05/27/14 15:45	
	Field Specific Conductance	2438	umhos/cm		05/27/14 15:45	
	Oxygen, Dissolved	0.11	mg/L		05/27/14 15:45	
	REDOX	-80.2	mV		05/27/14 15:45	
	Turbidity	3.32	NTU		05/27/14 15:45	
	Water Level(NGVD)	27.64	feet		05/27/14 15:45	
EPA 6010	Barium	257	ug/L	10.0	06/01/14 23:41	
EPA 6010	Iron	39700	ug/L	40.0	06/01/14 23:41	
EPA 6010	Sodium	258	mg/L	1.0	06/01/14 23:41	
EPA 8260	Acetone	16.7 I	ug/L	20.0	05/31/14 18:35	
EPA 8260	Benzene	11.5	ug/L	1.0	05/31/14 18:35	
EPA 8260	Chlorobenzene	9.6	ug/L	1.0	05/31/14 18:35	
EPA 8260	1,4-Dichlorobenzene	0.70 I	ug/L	1.0	05/31/14 18:35	
EPA 8260	Toluene	0.55 I	ug/L	1.0	05/31/14 18:35	
EPA 8260	Xylene (Total)	3.2	ug/L	1.0	05/31/14 18:35	
SM 2540C	Total Dissolved Solids	1560	mg/L	10.0	06/03/14 10:45	
EPA 300.0	Chloride	184	mg/L	25.0	05/28/14 19:54	
EPA 350.1	Nitrogen, Ammonia	0.58	mg/L	0.050	06/05/14 12:02	
35139512013	**B37-2**					
	Field pH	6.57	Std. Units		05/27/14 16:15	
	Field Temperature	25.18	deg C		05/27/14 16:15	
	Appearance	Color: yellow, Sheen: none			05/27/14 16:15	
	Field Specific Conductance	398	umhos/cm		05/27/14 16:15	
	Oxygen, Dissolved	0.09	mg/L		05/27/14 16:15	
	REDOX	-72.3	mV		05/27/14 16:15	
	Turbidity	1.66	NTU		05/27/14 16:15	
	Water Level(NGVD)	27.97	feet		05/27/14 16:15	
EPA 6010	Barium	25.6	ug/L	10.0	06/01/14 23:56	
EPA 6010	Iron	6930	ug/L	40.0	06/01/14 23:56	
EPA 6010	Sodium	13.7	mg/L	1.0	06/01/14 23:56	
EPA 8260	Acetone	21.2	ug/L	20.0	05/31/14 19:01	
SM 2540C	Total Dissolved Solids	265	mg/L	5.0	06/03/14 10:45	
EPA 300.0	Chloride	16.2	mg/L	5.0	05/28/14 20:16	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512013	**B37-2**					
EPA 350.1	Nitrogen, Ammonia	0.19	mg/L	0.050	06/05/14 12:04	
35139512014	**B64**					
	Field pH	6.66	Std. Units		05/27/14 16:56	
	Field Temperature	23.86	deg C		05/27/14 16:56	
	Appearance	Color: yellow, Sheen: none			05/27/14 16:56	
	Field Specific Conductance	619	umhos/cm		05/27/14 16:56	
	Oxygen, Dissolved	0.28	mg/L		05/27/14 16:56	
	REDOX	-90.8	mV		05/27/14 16:56	
	Turbidity	1.26	NTU		05/27/14 16:56	
	Water Level(NGVD)	26.74	feet		05/27/14 16:56	
EPA 6010	Arsenic	5.9 I	ug/L	10.0	06/01/14 23:59	
EPA 6010	Barium	52.7	ug/L	10.0	06/01/14 23:59	
EPA 6010	Iron	22300	ug/L	40.0	06/01/14 23:59	
EPA 6010	Sodium	39.5	mg/L	1.0	06/01/14 23:59	
EPA 8260	Acetone	31.5	ug/L	20.0	05/31/14 19:26	
EPA 8260	Toluene	1.7	ug/L	1.0	05/31/14 19:26	
SM 2540C	Total Dissolved Solids	419	mg/L	5.0	06/03/14 10:45	
EPA 300.0	Chloride	58.5	mg/L	5.0	05/28/14 20:58	
EPA 350.1	Nitrogen, Ammonia	0.40	mg/L	0.050	06/05/14 12:06	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: EQ Blank 5/27/14 **Lab ID: 35139512001** Collected: 05/27/14 08:00 Received: 05/27/14 17:40 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	**0.0050U**	ug/L	0.020	0.0050	1	05/29/14 10:30	05/30/14 08:19	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 08:19	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 22:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 22:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 22:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:33	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:33	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:44	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 00:17	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 00:17	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 00:17	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 00:17	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 00:17	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: EQ Blank 5/27/14 **Lab ID: 35139512001** Collected: 05/27/14 08:00 Received: 05/27/14 17:40 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		05/30/14 00:17	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:17	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:17	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 00:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 00:17	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 00:17	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 00:17	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/30/14 00:17	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/30/14 00:17	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 00:17	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 19:45	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/28/14 19:45	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 19:45	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 16:19	7664-41-7	

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8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 **Lab ID: 35139512002** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.56**	Std. Units			1		05/27/14 08:55		
Field Temperature	**23.34**	deg C			1		05/27/14 08:55		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 08:55		
Field Specific Conductance	**924**	umhos/cm			1		05/27/14 08:55		
Oxygen, Dissolved	**0.25**	mg/L			1		05/27/14 08:55	7782-44-7	
REDOX	**-75.7**	mV			1		05/27/14 08:55		
Turbidity	**1.35**	NTU			1		05/27/14 08:55		
Water Level(NGVD)	**28.91**	feet			1		05/27/14 08:55		
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	05/29/14 10:30	05/30/14 08:34	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/29/14 10:30	05/30/14 08:34	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-38-2	
Barium	**108**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:51	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:51	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-50-8	
Iron	**18500**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 22:51	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 22:51	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-22-4	
Sodium	**34.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:51	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 22:51	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:46	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:07	75-27-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 **Lab ID: 35139512002** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 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		05/30/14 01:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:07	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:07	108-05-4	
Vinyl chloride	**0.67 I**	ug/L	1.0	0.50	1		05/30/14 01:07	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/30/14 01:07	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/30/14 01:07	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/30/14 01:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 **Lab ID: 35139512002** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**562**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 20:06	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**28.1**	mg/L	10.0	5.0	2		05/28/14 20:06	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		05/28/14 20:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.31**	mg/L	0.050	0.020	1		05/31/14 16:20	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 Dup **Lab ID: 35139512003** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.56**	Std. Units			1		05/27/14 08:55		
Field Temperature	**23.34**	deg C			1		05/27/14 08:55		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 08:55		
Field Specific Conductance	**924**	umhos/cm			1		05/27/14 08:55		
Oxygen, Dissolved	**0.25**	mg/L			1		05/27/14 08:55	7782-44-7	
REDOX	**-75.7**	mV			1		05/27/14 08:55		
Turbidity	**1.35**	NTU			1		05/27/14 08:55		
Water Level(NGVD)	**28.91**	feet			1		05/27/14 08:55		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.022	0.0053	1	05/29/14 10:30	05/30/14 08:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	05/29/14 10:30	05/30/14 08:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-38-2	
Barium	**110**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-50-8	
Iron	**18900**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-22-4	
Sodium	**35.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:38	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:38	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:53	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:57	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:57	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:57	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 Dup **Lab ID: 35139512003** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 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		05/30/14 01:57	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:57	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:57	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:57	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:57	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:57	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:57	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:57	108-05-4	
Vinyl chloride	**0.60 I**	ug/L	1.0	0.50	1		05/30/14 01:57	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/30/14 01:57	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		05/30/14 01:57	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 01:57	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 Dup **Lab ID: 35139512003** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**566**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 20:28	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**27.5**	mg/L	10.0	5.0	2		05/28/14 20:28	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		05/28/14 20:28	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.31**	mg/L	0.050	0.020	1		05/31/14 16:21	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-2 **Lab ID: 35139512004** Collected: 05/27/14 09:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.53**	Std. Units			1		05/27/14 09:50		
Field Temperature	**25.59**	deg C			1		05/27/14 09:50		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 09:50		
Field Specific Conductance	**916**	umhos/cm			1		05/27/14 09:50		
Oxygen, Dissolved	**0.24**	mg/L			1		05/27/14 09:50	7782-44-7	
REDOX	**31.9**	mV			1		05/27/14 09:50		
Turbidity	**1.44**	NTU			1		05/27/14 09:50		
Water Level(NGVD)	**23.61**	feet			1		05/27/14 09:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 09:20	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	05/29/14 10:30	05/30/14 09:20	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-38-2	
Barium	**110**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-39-3	
Beryllium	**1.7**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:10	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:10	7440-43-9	
Chromium	**3.5 I**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-50-8	
Iron	**38300**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:10	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:10	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-22-4	
Sodium	**28.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:10	7440-23-5	
Vanadium	**17.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:10	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:48	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:48	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:22	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:22	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:22	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-2 **Lab ID: 35139512004** Collected: 05/27/14 09:50 Received: 05/27/14 17:40 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		05/30/14 02:22	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:22	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:22	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:22	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:22	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:22	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:22	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:22	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-114		1		05/30/14 02:22	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		05/30/14 02:22	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/30/14 02:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-2 **Lab ID: 35139512004** Collected: 05/27/14 09:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**743**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 20:49	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**36.1**	mg/L	10.0	5.0	2		05/28/14 20:49	16887-00-6	
Sulfate	**331**	mg/L	50.0	25.0	10		06/08/14 21:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**3.3**	mg/L	0.050	0.020	1		05/31/14 16:24	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-1 **Lab ID: 35139512005** Collected: 05/27/14 10:37 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.51**	Std. Units			1		05/27/14 10:37		
Field Temperature	**23.12**	deg C			1		05/27/14 10:37		
Appearance	**Color: none, Sheen: none**				1		05/27/14 10:37		
Field Specific Conductance	**1154**	umhos/cm			1		05/27/14 10:37		
Oxygen, Dissolved	**0.25**	mg/L			1		05/27/14 10:37	7782-44-7	
REDOX	**-80.1**	mV			1		05/27/14 10:37		
Turbidity	**1.59**	NTU			1		05/27/14 10:37		
Water Level(NGVD)	**27.38**	feet			1		05/27/14 10:37		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 09:35	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	05/29/14 10:30	05/30/14 09:35	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-38-2	
Barium	**142**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-50-8	
Iron	**29800**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-22-4	
Sodium	**40.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:14	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:57	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:47	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-1 **Lab ID: 35139512005** Collected: 05/27/14 10:37 Received: 05/27/14 17:40 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		05/30/14 02:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:47	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-114		1		05/30/14 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		05/30/14 02:47	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 02:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-1 **Lab ID: 35139512005** Collected: 05/27/14 10:37 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**841**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 21:10	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**53.0**	mg/L	10.0	5.0	2		05/28/14 21:10	16887-00-6	
Sulfate	**195**	mg/L	25.0	12.5	5		06/05/14 17:41	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.12**	mg/L	0.050	0.020	1		05/31/14 16:25	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-2 **Lab ID: 35139512006** Collected: 05/27/14 11:00 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.91**	Std. Units			1		05/27/14 11:00		
Field Temperature	**23.60**	deg C			1		05/27/14 11:00		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 11:00		
Field Specific Conductance	**2121**	umhos/cm			1		05/27/14 11:00		
Oxygen, Dissolved	**0.31**	mg/L			1		05/27/14 11:00	7782-44-7	
REDOX	**-76.4**	mV			1		05/27/14 11:00		
Turbidity	**5.91**	NTU			1		05/27/14 11:00		
Water Level(NGVD)	**28.61**	feet			1		05/27/14 11:00		
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	05/29/14 10:30	05/30/14 09:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 09:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-38-2	
Barium	**109**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-50-8	
Iron	**3280**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7439-92-1	
Nickel	**8.9**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-22-4	
Sodium	**96.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:18	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:53	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:53	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:59	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:12	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:12	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:12	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-2 **Lab ID: 35139512006** Collected: 05/27/14 11:00 Received: 05/27/14 17:40 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		05/30/14 03:12	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:12	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:12	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:12	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:12	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:12	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:12	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:12	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-114		1		05/30/14 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/30/14 03:12	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 03:12	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-2 **Lab ID: 35139512006** Collected: 05/27/14 11:00 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1680**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/29/14 04:18	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**94.5**	mg/L	25.0	12.5	5		05/29/14 04:18	16887-00-6	
Sulfate	**284**	mg/L	25.0	12.5	5		05/29/14 04:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.16**	mg/L	0.050	0.020	1		06/05/14 11:48	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-1 **Lab ID: 35139512007** Collected: 05/27/14 11:58 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.65**	Std. Units			1		05/27/14 11:58		
Field Temperature	**23.13**	deg C			1		05/27/14 11:58		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 11:58		
Field Specific Conductance	**491**	umhos/cm			1		05/27/14 11:58		
Oxygen, Dissolved	**0.18**	mg/L			1		05/27/14 11:58	7782-44-7	
REDOX	**-54.1**	mV			1		05/27/14 11:58		
Turbidity	**0.44**	NTU			1		05/27/14 11:58		
Water Level(NGVD)	**28.61**	feet			1		05/27/14 11:58		
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	05/29/14 10:30	05/30/14 10:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 10:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-38-2	
Barium	**44.2**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:22	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:22	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-50-8	
Iron	**2340**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:22	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:22	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-22-4	
Sodium	**51.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:22	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:22	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:55	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:01	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:37	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:37	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:37	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-1 **Lab ID: 35139512007** Collected: 05/27/14 11:58 Received: 05/27/14 17:40 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		05/30/14 03:37	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:37	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:37	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:37	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:37	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:37	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:37	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:37	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/30/14 03:37	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		05/30/14 03:37	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 03:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-1 **Lab ID: 35139512007** Collected: 05/27/14 11:58 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**335**	mg/L	5.0	5.0	1		06/03/14 10:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 04:40	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**32.5**	mg/L	5.0	2.5	1		05/29/14 04:40	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 04:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.12**	mg/L	0.050	0.020	1		06/05/14 11:50	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-2 **Lab ID: 35139512008** Collected: 05/27/14 12:30 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.59**	Std. Units			1		05/27/14 12:30		
Field Temperature	**24.12**	deg C			1		05/27/14 12:30		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 12:30		
Field Specific Conductance	**826**	umhos/cm			1		05/27/14 12:30		
Oxygen, Dissolved	**0.16**	mg/L			1		05/27/14 12:30	7782-44-7	
REDOX	**-88.6**	mV			1		05/27/14 12:30		
Turbidity	**15.1**	NTU			1		05/27/14 12:30		
Water Level(NGVD)	**28.47**	feet			1		05/27/14 12:30		
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	05/29/14 10:30	05/30/14 10:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 10:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-38-2	
Barium	**63.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:26	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:26	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-50-8	
Iron	**20400**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:26	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:26	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-22-4	
Sodium	**41.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:26	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:26	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:58	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:58	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 16:54	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 16:54	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 16:54	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-2 **Lab ID: 35139512008** Collected: 05/27/14 12:30 Received: 05/27/14 17:40 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		05/31/14 16:54	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 16:54	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 16:54	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 16:54	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 16:54	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 16:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 16:54	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 16:54	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 16:54	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-114		1		05/31/14 16:54	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/31/14 16:54	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/31/14 16:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-2 **Lab ID: 35139512008** Collected: 05/27/14 12:30 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**518**	mg/L	5.0	5.0	1		06/03/14 10:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 20:37	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**57.4**	mg/L	5.0	2.5	1		05/28/14 20:37	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 20:37	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.054**	mg/L	0.050	0.020	1		06/05/14 11:52	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-1 **Lab ID: 35139512009** Collected: 05/27/14 13:25 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.67**	Std. Units			1		05/27/14 13:25		
Field Temperature	**24.58**	deg C			1		05/27/14 13:25		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 13:25		
Field Specific Conductance	**333**	umhos/cm			1		05/27/14 13:25		
Oxygen, Dissolved	**0.14**	mg/L			1		05/27/14 13:25	7782-44-7	
REDOX	**46.0**	mV			1		05/27/14 13:25		
Turbidity	**2.59**	NTU			1		05/27/14 13:25		
Water Level(NGVD)	**28.49**	feet			1		05/27/14 13:25		
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	05/29/14 10:30	05/30/14 10:37	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/29/14 10:30	05/30/14 10:37	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-38-2	
Barium	**94.5**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:29	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:29	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-50-8	
Iron	**10900**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:29	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:29	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-22-4	
Sodium	**25.6**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:29	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:29	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 17:19	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 17:19	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 17:19	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-1 **Lab ID: 35139512009** Collected: 05/27/14 13:25 Received: 05/27/14 17:40 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		05/31/14 17:19	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 17:19	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 17:19	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:19	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:19	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 17:19	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 17:19	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 17:19	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/31/14 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 17:19	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/31/14 17:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-1 **Lab ID: 35139512009** Collected: 05/27/14 13:25 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**246**	mg/L	5.0	5.0	1		06/03/14 10:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 19:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**70.8**	mg/L	5.0	2.5	1		05/28/14 19:33	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 19:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.15**	mg/L	0.050	0.020	1		06/05/14 11:54	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-2 **Lab ID: 35139512010** Collected: 05/27/14 13:51 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.38**	Std. Units			1		05/27/14 13:51		
Field Temperature	**24.53**	deg C			1		05/27/14 13:51		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 13:51		
Field Specific Conductance	**396**	umhos/cm			1		05/27/14 13:51		
Oxygen, Dissolved	**0.03**	mg/L			1		05/27/14 13:51	7782-44-7	
REDOX	**53.1**	mV			1		05/27/14 13:51		
Turbidity	**2.45**	NTU			1		05/27/14 13:51		
Water Level(NGVD)	**28.51**	feet			1		05/27/14 13:51		
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	05/29/14 10:30	05/30/14 10:52	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 10:52	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-38-2	
Barium	**64.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:33	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:33	7440-43-9	
Chromium	**7.2**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-50-8	
Iron	**9540**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:33	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:33	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-22-4	
Sodium	**56.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:33	7440-23-5	
Vanadium	**12.1**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:33	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:03	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:03	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:08	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 17:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 17:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 17:45	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-2 **Lab ID: 35139512010** Collected: 05/27/14 13:51 Received: 05/27/14 17:40 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		05/31/14 17:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 17:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 17:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 17:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 17:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 17:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/31/14 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		05/31/14 17:45	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/31/14 17:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-2 **Lab ID: 35139512010** Collected: 05/27/14 13:51 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**298**	mg/L	5.0	5.0	1		06/03/14 10:44		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 18:50	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**96.3**	mg/L	5.0	2.5	1		05/28/14 18:50	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 18:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.1**	mg/L	0.050	0.020	1		06/05/14 11:55	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B36 **Lab ID: 35139512011** Collected: 05/27/14 14:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.40**	Std. Units			1		05/27/14 14:50		
Field Temperature	**24.11**	deg C			1		05/27/14 14:50		
Appearance	**Color: none, Sheen: none**				1		05/27/14 14:50		
Field Specific Conductance	**1763**	umhos/cm			1		05/27/14 14:50		
Oxygen, Dissolved	**0.11**	mg/L			1		05/27/14 14:50	7782-44-7	
REDOX	**-40.4**	mV			1		05/27/14 14:50		
Turbidity	**1.33**	NTU			1		05/27/14 14:50		
Water Level(NGVD)	**28.07**	feet			1		05/27/14 14:50		
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	05/29/14 10:30	05/30/14 11:07	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 11:07	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-38-2	
Barium	**135**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:37	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:37	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-50-8	
Iron	**5650**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:37	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:37	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-22-4	
Sodium	**120**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:37	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:37	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 10:52	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 18:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	107-13-1	
Benzene	**2.5**	ug/L	1.0	0.10	1		05/31/14 18:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 18:10	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B36 **Lab ID: 35139512011** Collected: 05/27/14 14:50 Received: 05/27/14 17:40 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		05/31/14 18:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	56-23-5	
Chlorobenzene	**2.7**	ug/L	1.0	0.50	1		05/31/14 18:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 18:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 18:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	110-57-6	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.50	1		05/31/14 18:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 18:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 18:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 18:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 18:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-01-4	
Xylene (Total)	**1.0**	ug/L	1.0	0.50	1		05/31/14 18:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/31/14 18:10	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 18:10	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/31/14 18:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B36 **Lab ID: 35139512011** Collected: 05/27/14 14:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1210**	mg/L	10.0	10.0	1		06/03/14 10:44		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/28/14 19:11	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**226**	mg/L	25.0	12.5	5		05/28/14 19:11	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		05/28/14 19:11	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		06/05/14 12:00	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-1 **Lab ID: 35139512012** Collected: 05/27/14 15:45 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.35**	Std. Units			1		05/27/14 15:45		
Field Temperature	**24.34**	deg C			1		05/27/14 15:45		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 15:45		
Field Specific Conductance	**2438**	umhos/cm			1		05/27/14 15:45		
Oxygen, Dissolved	**0.11**	mg/L			1		05/27/14 15:45	7782-44-7	
REDOX	**-80.2**	mV			1		05/27/14 15:45		
Turbidity	**3.32**	NTU			1		05/27/14 15:45		
Water Level(NGVD)	**27.64**	feet			1		05/27/14 15:45		
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	05/29/14 10:30	05/30/14 11:23	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/29/14 10:30	05/30/14 11:23	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-38-2	
Barium	**257**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:41	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-50-8	
Iron	**39700**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-22-4	
Sodium	**258**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:41	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:08	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 10:58	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**16.7 I**	ug/L	20.0	10.0	1		05/31/14 18:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	107-13-1	
Benzene	**11.5**	ug/L	1.0	0.10	1		05/31/14 18:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 18:35	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-1 **Lab ID: 35139512012** Collected: 05/27/14 15:45 Received: 05/27/14 17:40 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		05/31/14 18:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	56-23-5	
Chlorobenzene	**9.6**	ug/L	1.0	0.50	1		05/31/14 18:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 18:35	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 18:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	95-50-1	
1,4-Dichlorobenzene	**0.70 I**	ug/L	1.0	0.50	1		05/31/14 18:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 18:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	127-18-4	
Toluene	**0.55 I**	ug/L	1.0	0.50	1		05/31/14 18:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 18:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 18:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-01-4	
Xylene (Total)	**3.2**	ug/L	1.0	0.50	1		05/31/14 18:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-114		1		05/31/14 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		05/31/14 18:35	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/31/14 18:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-1 **Lab ID: 35139512012** Collected: 05/27/14 15:45 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1560**	mg/L	10.0	10.0	1		06/03/14 10:45		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/28/14 19:54	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**184**	mg/L	25.0	12.5	5		05/28/14 19:54	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		05/28/14 19:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.58**	mg/L	0.050	0.020	1		06/05/14 12:02	7664-41-7	

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(386)672-5668

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-2 **Lab ID: 35139512013** Collected: 05/27/14 16:15 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.57**	Std. Units			1		05/27/14 16:15		
Field Temperature	**25.18**	deg C			1		05/27/14 16:15		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 16:15		
Field Specific Conductance	**398**	umhos/cm			1		05/27/14 16:15		
Oxygen, Dissolved	**0.09**	mg/L			1		05/27/14 16:15	7782-44-7	
REDOX	**-72.3**	mV			1		05/27/14 16:15		
Turbidity	**1.66**	NTU			1		05/27/14 16:15		
Water Level(NGVD)	**27.97**	feet			1		05/27/14 16:15		
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	05/29/14 10:30	05/30/14 11:54	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 11:54	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-38-2	
Barium	**25.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:56	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-50-8	
Iron	**6930**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-22-4	
Sodium	**13.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:56	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:10	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:10	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:02	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**21.2**	ug/L	20.0	10.0	1		05/31/14 19:01	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 19:01	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 19:01	75-27-4	

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-2 **Lab ID: 35139512013** Collected: 05/27/14 16:15 Received: 05/27/14 17:40 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		05/31/14 19:01	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 19:01	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 19:01	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:01	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:01	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 19:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 19:01	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 19:01	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 19:01	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/31/14 19:01	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 19:01	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/31/14 19:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-2 **Lab ID: 35139512013** Collected: 05/27/14 16:15 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**265**	mg/L	5.0	5.0	1		06/03/14 10:45		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 20:16	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**16.2**	mg/L	5.0	2.5	1		05/28/14 20:16	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 20:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.19**	mg/L	0.050	0.020	1		06/05/14 12:04	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B64 **Lab ID: 35139512014** Collected: 05/27/14 16:56 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.66**	Std. Units			1		05/27/14 16:56		
Field Temperature	**23.86**	deg C			1		05/27/14 16:56		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 16:56		
Field Specific Conductance	**619**	umhos/cm			1		05/27/14 16:56		
Oxygen, Dissolved	**0.28**	mg/L			1		05/27/14 16:56	7782-44-7	
REDOX	**-90.8**	mV			1		05/27/14 16:56		
Turbidity	**1.26**	NTU			1		05/27/14 16:56		
Water Level(NGVD)	**26.74**	feet			1		05/27/14 16:56		
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	05/29/14 10:30	05/30/14 12:09	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/29/14 10:30	05/30/14 12:09	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.9 I**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-38-2	
Barium	**52.7**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:59	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:59	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-50-8	
Iron	**22300**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:59	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:59	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-22-4	
Sodium	**39.5**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:59	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:59	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:20	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:20	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**31.5**	ug/L	20.0	10.0	1		05/31/14 19:26	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 19:26	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 19:26	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B64 **Lab ID: 35139512014** Collected: 05/27/14 16:56 Received: 05/27/14 17:40 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		05/31/14 19:26	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 19:26	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 19:26	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:26	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:26	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 19:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 19:26	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	127-18-4	
Toluene	**1.7**	ug/L	1.0	0.50	1		05/31/14 19:26	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 19:26	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 19:26	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/31/14 19:26	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		05/31/14 19:26	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/31/14 19:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B64 **Lab ID: 35139512014** Collected: 05/27/14 16:56 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**419**	mg/L	5.0	5.0	1		06/03/14 10:45		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 20:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**58.5**	mg/L	5.0	2.5	1		05/28/14 20:58	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 20:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.40**	mg/L	0.050	0.020	1		06/05/14 12:06	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: Trip Blank 5-27-14 **Lab ID: 35139512015** Collected: 05/27/14 00:00 Received: 05/27/14 17:40 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		05/31/14 12:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 12:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 12:16	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 12:16	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/31/14 12:16	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 12:16	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 12:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 12:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 12:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 12:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 12:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 12:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: Trip Blank 5-27-14 **Lab ID: 35139512015** Collected: 05/27/14 00:00 Received: 05/27/14 17:40 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		05/31/14 12:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		05/31/14 12:16	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 12:16	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/31/14 12:16	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MERP/4668 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010

METHOD BLANK: 913379 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/29/14 08:08	

LABORATORY CONTROL SAMPLE: 913380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913381 913382

Parameter	Units	35139338005 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	1.9	1.9	96	97	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MERP/4687 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 918481 Matrix: Water
Associated Lab Samples: 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	06/04/14 10:47	

LABORATORY CONTROL SAMPLE: 918482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 918483 918484

Parameter	Units	35139512011 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	1.8	90	92	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MPRP/18773 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 916673 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/01/14 21:56	
Barium	ug/L	5.0U	10.0	06/01/14 21:56	
Beryllium	ug/L	0.50U	1.0	06/01/14 21:56	
Cadmium	ug/L	0.50U	1.0	06/01/14 21:56	
Chromium	ug/L	2.5U	5.0	06/01/14 21:56	
Cobalt	ug/L	5.0U	10.0	06/01/14 21:56	
Copper	ug/L	2.5U	5.0	06/01/14 21:56	
Iron	ug/L	20.0U	40.0	06/01/14 21:56	
Lead	ug/L	5.0U	10.0	06/01/14 21:56	
Nickel	ug/L	2.5U	5.0	06/01/14 21:56	
Selenium	ug/L	7.5U	15.0	06/01/14 21:56	
Silver	ug/L	2.5U	5.0	06/01/14 21:56	
Sodium	mg/L	0.50U	1.0	06/01/14 21:56	
Vanadium	ug/L	5.0U	10.0	06/01/14 21:56	
Zinc	ug/L	10.0U	20.0	06/01/14 21:56	

LABORATORY CONTROL SAMPLE: 916674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	248	99	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	26.1	104	80-120	
Cadmium	ug/L	25	26.2	105	80-120	
Chromium	ug/L	250	260	104	80-120	
Cobalt	ug/L	250	264	105	80-120	
Copper	ug/L	250	258	103	80-120	
Iron	ug/L	2500	2640	105	80-120	
Lead	ug/L	250	267	107	80-120	
Nickel	ug/L	250	262	105	80-120	
Selenium	ug/L	250	261	104	80-120	
Silver	ug/L	25	26.2	105	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	258	103	80-120	
Zinc	ug/L	1250	1280	102	80-120	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916675 916676

Parameter	Units	35139176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	31.6	250	250	278	278	98	98	75-125	0	20	
Barium	ug/L	71.4	250	250	332	331	104	104	75-125	.2	20	
Beryllium	ug/L	0.50U	25	25	26.0	26.1	104	105	75-125	.7	20	
Cadmium	ug/L	0.50U	25	25	25.7	25.8	103	103	75-125	.3	20	
Chromium	ug/L	2.5U	250	250	259	259	103	103	75-125	.1	20	
Cobalt	ug/L	5.0U	250	250	263	262	103	103	75-125	.3	20	
Copper	ug/L	2.5U	250	250	260	261	104	104	75-125	.6	20	
Iron	ug/L	976	2500	2500	3560	3570	103	104	75-125	.3	20	
Lead	ug/L	5.0U	250	250	258	256	103	102	75-125	1	20	
Nickel	ug/L	19.9	250	250	276	275	102	102	75-125	.3	20	
Selenium	ug/L	7.5U	250	250	258	256	102	101	75-125	.5	20	
Silver	ug/L	2.5U	25	25	26.2	26.4	105	106	75-125	.9	20	
Sodium	mg/L	30.9	12.5	12.5	43.9	43.3	104	100	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	261	263	103	103	75-125	.5	20	
Zinc	ug/L	10.0U	1250	1250	1260	1260	101	101	75-125	.08	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MPRP/18774 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 916677 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 02:58	
Thallium	ug/L	0.50U	1.0	06/01/14 02:58	

LABORATORY CONTROL SAMPLE: 916678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.4	97	80-120	
Thallium	ug/L	50	49.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916679 916680

Parameter	Units	35139176002 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	48.1	47.6	96	95	75-125	1	20	
Thallium	ug/L	0.50U	50	50	50.6	49.6	101	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MSV/11822 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

METHOD BLANK: 914997 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/29/14 23:02	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/29/14 23:02	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 23:02	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/29/14 23:02	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 23:02	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/29/14 23:02	
2-Hexanone	ug/L	5.0U	10.0	05/29/14 23:02	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/29/14 23:02	
Acetone	ug/L	10.0U	20.0	05/29/14 23:02	
Acrylonitrile	ug/L	5.0U	10.0	05/29/14 23:02	
Benzene	ug/L	0.10U	1.0	05/29/14 23:02	
Bromochloromethane	ug/L	0.50U	1.0	05/29/14 23:02	
Bromodichloromethane	ug/L	0.27U	0.60	05/29/14 23:02	
Bromoform	ug/L	0.50U	1.0	05/29/14 23:02	
Bromomethane	ug/L	0.50U	1.0	05/29/14 23:02	
Carbon disulfide	ug/L	5.0U	10.0	05/29/14 23:02	
Carbon tetrachloride	ug/L	0.50U	1.0	05/29/14 23:02	
Chlorobenzene	ug/L	0.50U	1.0	05/29/14 23:02	
Chloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
Chloroform	ug/L	0.50U	1.0	05/29/14 23:02	
Chloromethane	ug/L	0.62U	1.0	05/29/14 23:02	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 23:02	
Dibromochloromethane	ug/L	0.26U	0.50	05/29/14 23:02	
Dibromomethane	ug/L	0.50U	1.0	05/29/14 23:02	
Ethylbenzene	ug/L	0.50U	1.0	05/29/14 23:02	
Iodomethane	ug/L	0.50U	1.0	05/29/14 23:02	
Methylene Chloride	ug/L	2.5U	5.0	05/29/14 23:02	
Styrene	ug/L	0.50U	1.0	05/29/14 23:02	
Tetrachloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
Toluene	ug/L	0.50U	1.0	05/29/14 23:02	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 23:02	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/29/14 23:02	
Trichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

METHOD BLANK: 914997 Matrix: Water

Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	05/29/14 23:02	
Vinyl acetate	ug/L	1.0U	2.0	05/29/14 23:02	
Vinyl chloride	ug/L	0.50U	1.0	05/29/14 23:02	
Xylene (Total)	ug/L	0.50U	1.0	05/29/14 23:02	
1,2-Dichloroethane-d4 (S)	%	103	86-125	05/29/14 23:02	
4-Bromofluorobenzene (S)	%	88	70-114	05/29/14 23:02	
Toluene-d8 (S)	%	101	87-113	05/29/14 23:02	

LABORATORY CONTROL SAMPLE: 914998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	102	70-130	
1,1,1-Trichloroethane	ug/L	20	20.1	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethene	ug/L	20	19.1	96	70-130	
1,2,3-Trichloropropane	ug/L	20	20.5	103	70-130	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	19.9	99	70-130	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,4-Dichlorobenzene	ug/L	20	20.1	100	70-130	
2-Butanone (MEK)	ug/L	40	40.1	100	55-167	
2-Hexanone	ug/L	40	38.7	97	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.7	94	70-130	
Acetone	ug/L	40	41.8	105	40-150	
Acrylonitrile	ug/L	200	200	100	70-130	
Benzene	ug/L	20	20.4	102	70-130	
Bromochloromethane	ug/L	20	22.2	111	70-130	
Bromodichloromethane	ug/L	20	19.7	98	70-130	
Bromoform	ug/L	20	17.2	86	68-130	
Bromomethane	ug/L	20	17.8	89	38-179	
Carbon disulfide	ug/L	20	18.5	92	51-155	
Carbon tetrachloride	ug/L	20	19.3	97	70-130	
Chlorobenzene	ug/L	20	20.5	102	70-130	
Chloroethane	ug/L	20	19.5	98	59-149	
Chloroform	ug/L	20	21.2	106	70-130	
Chloromethane	ug/L	20	18.3	92	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.2	96	70-130	
Dibromochloromethane	ug/L	20	19.7	99	70-130	
Dibromomethane	ug/L	20	19.7	99	70-130	
Ethylbenzene	ug/L	20	20.5	103	70-130	
Iodomethane	ug/L	40	39.0	98	43-160	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

LABORATORY CONTROL SAMPLE: 914998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	19.0	95	70-130	
Styrene	ug/L	20	20.7	104	70-130	
Tetrachloroethene	ug/L	20	24.2	121	66-133	
Toluene	ug/L	20	20.8	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.7	98	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.2	86	65-130	
Trichloroethene	ug/L	20	20.5	102	70-130	
Trichlorofluoromethane	ug/L	20	19.6	98	70-131	
Vinyl acetate	ug/L	20	17.5	87	69-135	
Vinyl chloride	ug/L	20	20.8	104	69-140	
Xylene (Total)	ug/L	60	61.1	102	70-130	
1,2-Dichloroethane-d4 (S)	%			98	86-125	
4-Bromofluorobenzene (S)	%			97	70-114	
Toluene-d8 (S)	%			98	87-113	

MATRIX SPIKE SAMPLE: 917423

Parameter	Units	35139512003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.3	101	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.3	107	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20.9	104	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.4	107	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.4	102	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	19.8	99	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	20.2	101	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.5	98	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.8	99	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.7	99	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	18.9	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	40.4	101	48-138	
2-Hexanone	ug/L	5.0U	40	40.8	102	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	38.7	97	28-143	
Acetone	ug/L	10.0U	40	44.9	105	20-140	
Acrylonitrile	ug/L	5.0U	200	205	103	46-130	
Benzene	ug/L	0.10U	20	20.5	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.5	107	54-132	
Bromodichloromethane	ug/L	0.27U	20	19.4	97	46-130	
Bromoform	ug/L	0.50U	20	17.0	85	32-130	
Bromomethane	ug/L	0.50U	20	11.7	59	20-152	
Carbon disulfide	ug/L	5.0U	20	19.6	98	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.2	101	37-137	
Chlorobenzene	ug/L	0.50U	20	20.6	102	46-130	
Chloroethane	ug/L	0.50U	20	20.1	100	48-159	
Chloroform	ug/L	0.50U	20	20.8	104	51-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

MATRIX SPIKE SAMPLE: 917423

Parameter	Units	35139512003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	0.62U	20	17.8	89	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.4	97	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.3	87	45-130	
Dibromochloromethane	ug/L	0.26U	20	19.4	97	43-130	
Dibromomethane	ug/L	0.50U	20	19.0	95	50-130	
Ethylbenzene	ug/L	0.50U	20	20.4	102	43-130	
Iodomethane	ug/L	0.50U	40	30.8	77	20-169	
Methylene Chloride	ug/L	2.5U	20	19.1	95	51-135	
Styrene	ug/L	0.50U	20	19.8	99	40-130	
Tetrachloroethene	ug/L	0.50U	20	17.0	85	26-130	
Toluene	ug/L	0.50U	20	20.9	105	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.6	98	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.6	93	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	16.4	82	20-139	
Trichloroethene	ug/L	0.50U	20	20.8	104	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	21.8	109	46-146	
Vinyl acetate	ug/L	1.0U	20	15.1	76	20-165	
Vinyl chloride	ug/L	0.60 I	20	21.8	106	57-142	
Xylene (Total)	ug/L	0.50U	60	61.5	103	42-130	
1,2-Dichloroethane-d4 (S)	%				93	86-125	
4-Bromofluorobenzene (S)	%				98	70-114	
Toluene-d8 (S)	%				97	87-113	

SAMPLE DUPLICATE: 917422

Parameter	Units	35139512002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

SAMPLE DUPLICATE: 917422

Parameter	Units	35139512002 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.67 I	0.63 I		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	105	106	2		
4-Bromofluorobenzene (S)	%	87	87	.1		
Toluene-d8 (S)	%	100	99	.6		

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MSV/11838 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014, 35139512015

METHOD BLANK: 916763 Matrix: Water
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014, 35139512015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/31/14 11:25	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/31/14 11:25	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/31/14 11:25	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/31/14 11:25	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/31/14 11:25	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/31/14 11:25	
2-Hexanone	ug/L	5.0U	10.0	05/31/14 11:25	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/31/14 11:25	
Acetone	ug/L	10.0U	20.0	05/31/14 11:25	
Acrylonitrile	ug/L	5.0U	10.0	05/31/14 11:25	
Benzene	ug/L	0.10U	1.0	05/31/14 11:25	
Bromochloromethane	ug/L	0.50U	1.0	05/31/14 11:25	
Bromodichloromethane	ug/L	0.27U	0.60	05/31/14 11:25	
Bromoform	ug/L	0.50U	1.0	05/31/14 11:25	
Bromomethane	ug/L	0.50U	1.0	05/31/14 11:25	
Carbon disulfide	ug/L	5.0U	10.0	05/31/14 11:25	
Carbon tetrachloride	ug/L	0.50U	1.0	05/31/14 11:25	
Chlorobenzene	ug/L	0.50U	1.0	05/31/14 11:25	
Chloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
Chloroform	ug/L	0.50U	1.0	05/31/14 11:25	
Chloromethane	ug/L	0.62U	1.0	05/31/14 11:25	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/31/14 11:25	
Dibromochloromethane	ug/L	0.26U	0.50	05/31/14 11:25	
Dibromomethane	ug/L	0.50U	1.0	05/31/14 11:25	
Ethylbenzene	ug/L	0.50U	1.0	05/31/14 11:25	
Iodomethane	ug/L	0.50U	1.0	05/31/14 11:25	
Methylene Chloride	ug/L	2.5U	5.0	05/31/14 11:25	
Styrene	ug/L	0.50U	1.0	05/31/14 11:25	
Tetrachloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
Toluene	ug/L	0.50U	1.0	05/31/14 11:25	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

METHOD BLANK: 916763 Matrix: Water

Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014, 35139512015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/31/14 11:25	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/31/14 11:25	
Trichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/31/14 11:25	
Vinyl acetate	ug/L	1.0U	2.0	05/31/14 11:25	
Vinyl chloride	ug/L	0.50U	1.0	05/31/14 11:25	
Xylene (Total)	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichloroethane-d4 (S)	%	102	86-125	05/31/14 11:25	
4-Bromofluorobenzene (S)	%	90	70-114	05/31/14 11:25	
Toluene-d8 (S)	%	98	87-113	05/31/14 11:25	

LABORATORY CONTROL SAMPLE: 916764

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	104	70-130	
1,1,1-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.3	107	70-130	
1,1,2-Trichloroethane	ug/L	20	21.9	110	70-130	
1,1-Dichloroethane	ug/L	20	20.2	101	70-130	
1,1-Dichloroethene	ug/L	20	18.8	94	70-130	
1,2,3-Trichloropropane	ug/L	20	20.5	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.2	96	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.3	106	70-130	
1,2-Dichlorobenzene	ug/L	20	20.4	102	70-130	
1,2-Dichloroethane	ug/L	20	19.1	95	70-130	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,4-Dichlorobenzene	ug/L	20	19.4	97	70-130	
2-Butanone (MEK)	ug/L	40	49.2	123	55-167	
2-Hexanone	ug/L	40	45.7	114	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	43.0	107	70-130	
Acetone	ug/L	40	54.6	136	40-150	
Acrylonitrile	ug/L	200	206	103	70-130	
Benzene	ug/L	20	20.3	102	70-130	
Bromochloromethane	ug/L	20	21.0	105	70-130	
Bromodichloromethane	ug/L	20	19.0	95	70-130	
Bromoform	ug/L	20	18.0	90	68-130	
Bromomethane	ug/L	20	14.3	72	38-179	
Carbon disulfide	ug/L	20	21.3	106	51-155	
Carbon tetrachloride	ug/L	20	19.6	98	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	16.9	85	59-149	
Chloroform	ug/L	20	20.7	103	70-130	
Chloromethane	ug/L	20	18.4	92	68-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

LABORATORY CONTROL SAMPLE: 916764

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.1	96	70-130	
Dibromochloromethane	ug/L	20	19.9	100	70-130	
Dibromomethane	ug/L	20	20.7	104	70-130	
Ethylbenzene	ug/L	20	20.6	103	70-130	
Iodomethane	ug/L	40	39.2	98	43-160	
Methylene Chloride	ug/L	20	18.9	95	70-130	
Styrene	ug/L	20	21.0	105	70-130	
Tetrachloroethene	ug/L	20	19.1	95	66-133	
Toluene	ug/L	20	21.1	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.0	105	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	16.1	80	65-130	
Trichloroethene	ug/L	20	20.9	105	70-130	
Trichlorofluoromethane	ug/L	20	15.5	78	70-131	
Vinyl acetate	ug/L	20	21.7	109	69-135	
Vinyl chloride	ug/L	20	17.7	88	69-140	
Xylene (Total)	ug/L	60	62.7	105	70-130	
1,2-Dichloroethane-d4 (S)	%			89	86-125	
4-Bromofluorobenzene (S)	%			103	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 916765

Parameter	Units	35139935016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.4	107	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	22.4	112	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	21.4	107	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.7	108	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	22.0	110	54-137	
1,1-Dichloroethene	ug/L	28.5	20	49.8	106	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	21.7	109	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	18.4	92	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20.5	103	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.4	102	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	20.5	103	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	21.2	106	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.7	98	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	44.3	111	48-138	
2-Hexanone	ug/L	5.0U	40	40.2	100	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	40.2	101	28-143	
Acetone	ug/L	10.0U	40	46.4	116	20-140	
Acrylonitrile	ug/L	5.0U	200	182	91	46-130	
Benzene	ug/L	0.10U	20	21.4	107	53-132	
Bromochloromethane	ug/L	0.50U	20	22.9	115	54-132	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

MATRIX SPIKE SAMPLE: 916765

Parameter	Units	35139935016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	21.0	105	46-130	
Bromoform	ug/L	0.50U	20	17.6	88	32-130	
Bromomethane	ug/L	0.50U	20	14.3	71	20-152	
Carbon disulfide	ug/L	5.0U	20	23.5	116	28-184	
Carbon tetrachloride	ug/L	0.50U	20	23.2	116	37-137	
Chlorobenzene	ug/L	0.50U	20	21.2	106	46-130	
Chloroethane	ug/L	8.8	20	33.6	124	48-159	
Chloroform	ug/L	0.50U	20	22.3	112	51-130	
Chloromethane	ug/L	0.62U	20	18.4	92	39-144	
cis-1,2-Dichloroethene	ug/L	891	20	1230	1690	54-130	J(P6)
cis-1,3-Dichloropropene	ug/L	0.25U	20	18.7	94	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.2	101	43-130	
Dibromomethane	ug/L	0.50U	20	20.1	100	50-130	
Ethylbenzene	ug/L	0.50U	20	21.6	108	43-130	
Iodomethane	ug/L	0.50U	40	34.0	85	20-169	
Methylene Chloride	ug/L	2.5U	20	19.5	98	51-135	
Styrene	ug/L	0.50U	20	21.3	106	40-130	
Tetrachloroethene	ug/L	187	20	246	297	26-130	J(P6)
Toluene	ug/L	0.50U	20	22.1	110	50-130	
trans-1,2-Dichloroethene	ug/L	16.6	20	38.6	110	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.7	98	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	17.3	86	20-139	
Trichloroethene	ug/L	244	20	307	314	42-133	J(P6)
Trichlorofluoromethane	ug/L	0.50U	20	23.3	116	46-146	
Vinyl acetate	ug/L	1.0U	20	19.4	97	20-165	
Vinyl chloride	ug/L	414	20	630	1080	57-142	J(P6)
Xylene (Total)	ug/L	0.50U	60	64.8	108	42-130	
1,2-Dichloroethane-d4 (S)	%				93	86-125	
4-Bromofluorobenzene (S)	%				97	70-114	
Toluene-d8 (S)	%				97	87-113	

SAMPLE DUPLICATE: 916766

Parameter	Units	35139935017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U			
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U			
1,1,2-Trichloroethane	ug/L	0.50U	0.50U			
1,1-Dichloroethane	ug/L	0.50U	0.50U			
1,1-Dichloroethene	ug/L	0.50U	0.50U			
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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			
1,2-Dichloroethane	ug/L	0.50U	0.50U			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

SAMPLE DUPLICATE: 916766

Parameter	Units	35139935017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/L	0.50U	0.50U			
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U			
Bromoform	ug/L	0.50U	0.50U			
Bromomethane	ug/L	0.50U	0.50U			
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U			
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U			
Chloroform	ug/L	0.50U	0.50U			
Chloromethane	ug/L	0.62U	0.62U			
cis-1,2-Dichloroethene	ug/L	0.65 I	0.83 I			
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U			
Dibromochloromethane	ug/L	0.26U	0.26U			
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			
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U			
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U			
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U			
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U			
Trichlorofluoromethane	ug/L	0.50U	0.50U			
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U			
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%		103			
4-Bromofluorobenzene (S)	%		88			
Toluene-d8 (S)	%		98			

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: OEXT/17504 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 914513 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/30/14 07:18	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/30/14 07:18	

LABORATORY CONTROL SAMPLE: 914514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.21	85	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914515 914516

Parameter	Units	35139512002 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	0.0052 U	.44	.44	0.50	0.53	114	121	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.0066 U	.44	.44	0.40	0.39	90	90	60-140	.7	40	

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Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WET/25212 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006

METHOD BLANK: 915595 | Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/30/14 17:52	

LABORATORY CONTROL SAMPLE: 915596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	295	98	90-110	

SAMPLE DUPLICATE: 915597

Parameter	Units	35139338001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0U		20	

SAMPLE DUPLICATE: 915598

Parameter	Units	35139338011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	152	158	4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WET/25266 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 918051 | Matrix: Water
Associated Lab Samples: 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 10:43	

LABORATORY CONTROL SAMPLE: 918052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	309	103	90-110	

SAMPLE DUPLICATE: 918053

Parameter	Units	35139512007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	335	330	2	20	

SAMPLE DUPLICATE: 918054

Parameter	Units	35139542003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	79.0	72.0	9	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36222 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

METHOD BLANK: 913452 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/28/14 12:58	

LABORATORY CONTROL SAMPLE: 913453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913454 913455

Parameter	Units	35139529001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	6.1	5	5	11.8	11.8	114	113	90-110	.6	20	J(M1), L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913456 913457

Parameter	Units	35139542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.9	4.9	97	97	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36223 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512006, 35139512007

METHOD BLANK: 913461 | Matrix: Water
Associated Lab Samples: 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/29/14 00:02	

LABORATORY CONTROL SAMPLE: 913462

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913463 913464

Parameter	Units	35139543001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	100	100	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36234 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 913650 | Matrix: Water
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/28/14 18:07	

LABORATORY CONTROL SAMPLE: 913651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913652 913653

Parameter	Units	35139539003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.1	4.6	82	92	90-110	11	20	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913654 913655

Parameter	Units	92201785001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.59	5	5	5.6	5.5	99	97	90-110	2	20	Q

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36224 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

METHOD BLANK: 913469 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/28/14 12:58	
Sulfate	mg/L	2.5U	5.0	05/28/14 12:58	

LABORATORY CONTROL SAMPLE: 913470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.8	96	90-110	
Sulfate	mg/L	50	47.6	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913471 913472

Parameter	Units	35139529001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	106	50	50	163	163	114	114	90-110	.02	20	L
Sulfate	mg/L	25.9	50	50	76.8	77.2	102	103	90-110	.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913473 913474

Parameter	Units	35139542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	81.1	50	50	135	135	108	108	90-110	.03	20	J(M1), L
Sulfate	mg/L	2.5U	50	50	46.7	46.8	91	91	90-110	.3	20	

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36235 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 913669 Matrix: Water
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/28/14 18:07	
Sulfate	mg/L	2.5U	5.0	05/28/14 18:07	

LABORATORY CONTROL SAMPLE: 913670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.6	97	90-110	
Sulfate	mg/L	50	49.2	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913671 913672

Parameter	Units	35139539003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	16.7	50	50	70.2	69.7	107	106	90-110	.6	20	
Sulfate	mg/L	26.6	50	50	81.7	81.1	110	109	90-110	.8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913673 913674

Parameter	Units	92201785001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	19.9	50	50	74.5	74.3	109	109	90-110	.3	20	
Sulfate	mg/L	12.6	50	50	63.7	63.8	102	102	90-110	.1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36332 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

METHOD BLANK: 916728 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/31/14 15:47	

LABORATORY CONTROL SAMPLE: 916729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 916731

Parameter	Units	35139498001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.10U	5	5.0	100	90-110	

SAMPLE DUPLICATE: 916730

Parameter	Units	35139498001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.10U	0.10U		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36457 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 920405 Matrix: Water
Associated Lab Samples: 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/05/14 12:28	

LABORATORY CONTROL SAMPLE: 920406

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

MATRIX SPIKE SAMPLE: 920408

Parameter	Units	35139498002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.091	1	1.1	104	90-110	

SAMPLE DUPLICATE: 920407

Parameter	Units	35139498002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.091	0.096	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(P6)	Estimated Value. Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
L	Off-scale high. Actual value is known to be greater than value given.
Q	Sample held beyond the accepted holding time.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512002	**B-5**		FLD/		
35139512003	**B-5 Dup**		FLD/		
35139512004	**B-2**		FLD/		
35139512005	**B34-1**		FLD/		
35139512006	**B34-2**		FLD/		
35139512007	**B63-1**		FLD/		
35139512008	**B63-2**		FLD/		
35139512009	**B35-1**		FLD/		
35139512010	**B35-2**		FLD/		
35139512011	**B36**		FLD/		
35139512012	**B37-1**		FLD/		
35139512013	**B37-2**		FLD/		
35139512014	**B64**		FLD/		
35139512001	**EQ Blank 5/27/14**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512002	**B-5**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512003	**B-5 Dup**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512004	**B-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512005	**B34-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512006	**B34-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512007	**B63-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512008	**B63-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512009	**B35-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512010	**B35-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512011	**B36**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512012	**B37-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512013	**B37-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512014	**B64**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512001	**EQ Blank 5/27/14**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512002	**B-5**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512003	**B-5 Dup**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512004	**B-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512005	**B34-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512006	**B34-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512007	**B63-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512008	**B63-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512009	**B35-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512010	**B35-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512011	**B36**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512012	**B37-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512013	**B37-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512014	**B64**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512001	**EQ Blank 5/27/14**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512002	**B-5**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512003	**B-5 Dup**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512004	**B-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512005	**B34-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512006	**B34-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512007	**B63-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512008	**B63-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512009	**B35-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512010	**B35-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512011	**B36**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512012	**B37-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512013	**B37-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512014	**B64**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512001	**EQ Blank 5/27/14**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512002	**B-5**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512003	**B-5 Dup**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512004	**B-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512005	**B34-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512006	**B34-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512007	**B63-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512008	**B63-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512009	**B35-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512010	**B35-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512011	**B36**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512012	**B37-1**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512013	**B37-2**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512014	**B64**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512001	**EQ Blank 5/27/14**	EPA 8260	MSV/11822		
35139512002	**B-5**	EPA 8260	MSV/11822		
35139512003	**B-5 Dup**	EPA 8260	MSV/11822		
35139512004	**B-2**	EPA 8260	MSV/11822		
35139512005	**B34-1**	EPA 8260	MSV/11822		
35139512006	**B34-2**	EPA 8260	MSV/11822		
35139512007	**B63-1**	EPA 8260	MSV/11822		
35139512008	**B63-2**	EPA 8260	MSV/11838		
35139512009	**B35-1**	EPA 8260	MSV/11838		
35139512010	**B35-2**	EPA 8260	MSV/11838		
35139512011	**B36**	EPA 8260	MSV/11838		
35139512012	**B37-1**	EPA 8260	MSV/11838		
35139512013	**B37-2**	EPA 8260	MSV/11838		
35139512014	**B64**	EPA 8260	MSV/11838		
35139512015	**Trip Blank 5-27-14**	EPA 8260	MSV/11838		
35139512001	**EQ Blank 5/27/14**	SM 2540C	WET/25212		
35139512002	**B-5**	SM 2540C	WET/25212		
35139512003	**B-5 Dup**	SM 2540C	WET/25212		
35139512004	**B-2**	SM 2540C	WET/25212		
35139512005	**B34-1**	SM 2540C	WET/25212		
35139512006	**B34-2**	SM 2540C	WET/25212		
35139512007	**B63-1**	SM 2540C	WET/25266		
35139512008	**B63-2**	SM 2540C	WET/25266		
35139512009	**B35-1**	SM 2540C	WET/25266		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512010	**B35-2**	SM 2540C	WET/25266		
35139512011	**B36**	SM 2540C	WET/25266		
35139512012	**B37-1**	SM 2540C	WET/25266		
35139512013	**B37-2**	SM 2540C	WET/25266		
35139512014	**B64**	SM 2540C	WET/25266		
35139512001	**EQ Blank 5/27/14**	EPA 300.0	WETA/36222		
35139512002	**B-5**	EPA 300.0	WETA/36222		
35139512003	**B-5 Dup**	EPA 300.0	WETA/36222		
35139512004	**B-2**	EPA 300.0	WETA/36222		
35139512005	**B34-1**	EPA 300.0	WETA/36222		
35139512006	**B34-2**	EPA 300.0	WETA/36223		
35139512007	**B63-1**	EPA 300.0	WETA/36223		
35139512008	**B63-2**	EPA 300.0	WETA/36234		
35139512009	**B35-1**	EPA 300.0	WETA/36234		
35139512010	**B35-2**	EPA 300.0	WETA/36234		
35139512011	**B36**	EPA 300.0	WETA/36234		
35139512012	**B37-1**	EPA 300.0	WETA/36234		
35139512013	**B37-2**	EPA 300.0	WETA/36234		
35139512014	**B64**	EPA 300.0	WETA/36234		
35139512001	**EQ Blank 5/27/14**	EPA 300.0	WETA/36224		
35139512002	**B-5**	EPA 300.0	WETA/36224		
35139512003	**B-5 Dup**	EPA 300.0	WETA/36224		
35139512004	**B-2**	EPA 300.0	WETA/36224		
35139512005	**B34-1**	EPA 300.0	WETA/36224		
35139512006	**B34-2**	EPA 300.0	WETA/36224		
35139512007	**B63-1**	EPA 300.0	WETA/36224		
35139512008	**B63-2**	EPA 300.0	WETA/36235		
35139512009	**B35-1**	EPA 300.0	WETA/36235		
35139512010	**B35-2**	EPA 300.0	WETA/36235		
35139512011	**B36**	EPA 300.0	WETA/36235		
35139512012	**B37-1**	EPA 300.0	WETA/36235		
35139512013	**B37-2**	EPA 300.0	WETA/36235		
35139512014	**B64**	EPA 300.0	WETA/36235		
35139512001	**EQ Blank 5/27/14**	EPA 350.1	WETA/36332		
35139512002	**B-5**	EPA 350.1	WETA/36332		
35139512003	**B-5 Dup**	EPA 350.1	WETA/36332		
35139512004	**B-2**	EPA 350.1	WETA/36332		
35139512005	**B34-1**	EPA 350.1	WETA/36332		
35139512006	**B34-2**	EPA 350.1	WETA/36457		
35139512007	**B63-1**	EPA 350.1	WETA/36457		
35139512008	**B63-2**	EPA 350.1	WETA/36457		
35139512009	**B35-1**	EPA 350.1	WETA/36457		
35139512010	**B35-2**	EPA 350.1	WETA/36457		
35139512011	**B36**	EPA 350.1	WETA/36457		
35139512012	**B37-1**	EPA 350.1	WETA/36457		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512013	**B37-2**	EPA 350.1	WETA/36457		
35139512014	**B64**	EPA 350.1	WETA/36457		

WO#: 35139512

35139512

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Page: of 2

1774450

Section A
Required Client Information:

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

Section B
Required Project Information:

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

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

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location
STATE:

Section D
Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	NITRATE, CHLORIDE	SULFATE, TDS	NITROGEN, AMMONIA (N13)	DISSOLVED Hg METALS	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-27-14	0800		8	4	1	1	3						X	X	X	X	X	X		
2	B-5						0855																			
3	DUPLICATE						0855																			
4	B2						0950																			
5	B34-1						1037																			
6	B34-2						1100																			
7	B63-1						1158																			
8	B63-2						1230																			
9	B35-1						1325																			
10	B35-2						1351																			
11	B36						1450																			
12	B37-1						1545																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	MARK GILBERT / PACE	5-27-14	1740	[signature]	5/27/14	17:40	20 Y

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-27-14

ORIGINAL

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

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www.pacelabs.com

Page: 2 of 2

1774451

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

Section B Required Project Information:
Report To: JENNIFER STARK
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Nitrate, Chloride	Sulfate, TDS	Nitrate/Ammonia (NH3)	Sulfide/Total Metals	EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~B73-2~~ B37-2 (5/27/14)	SW	G			5-27-14	1615		8	5	1	1	3					X	X	X	X	X	X		
2	B 64	↓	↓			↓	1656		8	3	1	1	3					X	X	X	X	X	X		
3	TRIP BLANKS						—		2				2										X		
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / PACE	5-27-14	1740	[signature] Pace	5/27/14	17:40	Y

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-27-14

ORIGINAL

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEM 1	
WELL NO: D	SAMPLE ID: EQ	DATE: 3-27-14

PURGING DATA

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

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

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 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: 0753	SAMPLING ENDED AT: 0800
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	Total, Total/Hg METALS		↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		<2 mg	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 1 | SAMPLE ID: B-5 / DUPLICATE | DATE: 5.27.14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.75 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (25.60 feet – 3.75 feet) X 0.16 gallons/foot = 3.496 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): 7 | PURGING INITIATED AT: 0808 | PURGING ENDED AT: 0846 | TOTAL VOLUME PURGED (gallons): 9.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0822	3.50	3.50	0.25	5.69	6.63	22.96	713	0.42	12.4	YELLOW	NONE
0826	1.00	4.50	|	5.72	6.61	23.02	773	0.38	8.73	|	|
0830	1.00	5.50	|	5.72	6.59	23.09	825	0.34	5.95	|	|
0834	1.00	6.50	|	5.75	6.58	23.23	870	0.39	9.08	|	|
0838	1.00	7.50	|	5.72	6.57	23.32	912	0.36	2.89	|	|
0842	1.00	8.50	|	5.72	6.57	23.34	918	0.30	1.58	|	|
0846	1.00	9.50	|	5.72	6.56	23.34	924	0.25	1.35	|	|

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: 0840 | SAMPLING ENDED AT: 0855

PUMP OR TUBING DEPTH IN WELL (feet): 7 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	PB	1000	ICE		6.56	TOC, NITRATE, Cl	PP	400
	2	↓	250	HNO3		<2	1000 1000 / 10 METALS	↓	↓
	2	↓	250	H2SO4		<2	NHS		
	4	CG	40	ICE		6.50	BOD CBOD	↓	100
	6	CG	40	NCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-75.9 ORP-76.8 ORP-77.0 ORP-74.5 ORP-73.7 ORP-74.5 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 = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI | DATE: 5.27.14

WELL NO: 2 | SAMPLE ID: B 2

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.20 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (27.30 feet – 8.20 feet) X 0.16 gallons/foot = 3.056 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 0921 | PURGING ENDED AT: 0942 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0936	3.25	3.25	0.25	8.35	5.52	25.62	916	0.30	1.40	Yellow	Sulfur
0939	0.75	4.00	1	8.35	5.53	25.63	915	0.27	1.24		
0942	0.75	4.75	1	8.35	5.53	25.59	916	0.24	1.44		

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: 0942 | SAMPLING ENDED AT: 0950

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.53	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020 Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.53	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 39.0 ORP 35.8 ORP 31.9

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SPM1	
WELL NO: 3	SAMPLE ID: B 34-1	DATE: 5.27.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.80	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) = (34.08 feet – 3.80 feet) X 0.16 gallons/foot = 4.8448 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): 7	PURGING INITIATED AT: 1001	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons): 7.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1021	5.00	5.00	0.25	5.65	6.51	23.10	1151	0.49	4.52	CLEAR	NONE
1026	1.25	6.25	1	5.65	6.50	23.02	1154	0.30	2.91	1	2
1031	1.25	7.50	1	5.65	6.51	23.12	1154	0.25	1.59		

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./FL): 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: 1031	SAMPLING ENDED AT: 1037
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (N) 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			
	1	PE	1000	ICE		6.51	TOX, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Hg/GRO/H4, METALS	↓	↓
	1	↓	250	H2SO4		<2	8 NH3		
	2	CG	40	ICE		6.51	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-76.8 ORP-78.9 ORP-80.1

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 4 | SAMPLE ID: B34-2 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 2.60 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.00 feet – 2.60 feet) x 0.16 gallons/foot = 2.304 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7 | PURGING INITIATED AT: 1039 | PURGING ENDED AT: 1053 | TOTAL VOLUME PURGED (gallons): 3.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1049	2.50	2.50	0.75	6.26	6.92	23.48	2075	0.36	5.89	YELLOW	NONE
1051	0.50	3.00	1	6.29	6.91	23.55	2096	0.34	5.34		
1053	0.50	3.50	1	6.31	6.91	23.60	2121	0.31	5.91		

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./FL): 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: 1053 | SAMPLING ENDED AT: 1100

PUMP OR TUBING DEPTH IN WELL (feet): 7 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE	1	6.91	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	SULFATE, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.91	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-79.0 ORP-77.1 ORP-76.4

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA LANDFILL

WELL NO: 5 | SAMPLE ID: B 63-1 | DATE: 5-27-16

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 1.45 | 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) = (30.45 feet – 1.45 feet) X 0.16 gallons/foot = 4.64 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): 4 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | PURGING INITIATED AT: 1123 | PURGING ENDED AT: 1152 | TOTAL VOLUME PURGED (gallons): 7.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1142	4.75	4.75	0.25	3.3	6.66	23.09	490	0.28	1.39	Yellow Sulfur	Sulfur
1147	1.25	6.00	↓	↓	6.66	23.12	491	0.21	1.50	↓	↓
1152	1.25	7.25			6.65	23.13	491	0.18	0.44		

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: 1152 | SAMPLING ENDED AT: 1158

PUMP OR TUBING DEPTH IN WELL (feet): 5 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N | TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.65	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010 6020/7470 METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.65	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -49.1 ORP -53.1 ORP -54.1

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TOMOKA, VOLUSIA COUNTY SOLID WASTE SITE LOCATION: TOMOKA SEM 1

WELL NO: 6 SAMPLE ID: B63-2 DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 TUBING DIAMETER (inches): 1/4 WELL SCREEN INTERVAL DEPTH: feet to feet STATIC DEPTH TO WATER (feet): 1.95 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) = (14.40 feet – 1.95 feet) X 0.16 gallons/foot = 1.992 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): 4 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 PURGING INITIATED AT: 1200 PURGING ENDED AT: 1224 TOTAL VOLUME PURGED (gallons): 7.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1208	2.00	2.00	0.25	3.62	6.56	23.63	809	0.23	29.20	red	sulfur
1210	0.50	2.50		3.67	6.56	24.26	805	0.42	127.0		
1212	0.50	3.00		3.68	6.56	24.08	817	0.23	70.8		
1214	0.50	3.50		3.69	6.56	23.87	819	0.21	43.9	yellow	
1220	3.00	6.50		3.73	6.58	24.07	824	0.17	19.0		
1222	0.50	7.00		3.74	6.59	24.10	825	0.15	17.6		
1224	0.50	7.50		3.76	6.59	24.12	826	0.16	15.1		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT / PACE SAMPLER(S) SIGNATURE(S): [signature] SAMPLING INITIATED AT: 1224 SAMPLING ENDED AT: 1230

PUMP OR TUBING DEPTH IN WELL (feet): 5 TUBING MATERIAL CODE: PE.S FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.59	TDS, NITRATE, Cl	PP	400
	1		250	HNO3		<2	6010B/14 METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.59	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -83.7 ORP -78.1 ORP -81.0 ORP -82.5 ORP -86.4 ORP -87.8 ORP -88.6

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

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

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

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log Document 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 SOLID WASTE | SITE LOCATION: TOMOKA SEMI | DATE: 5-27-14

WELL NO: 7 | SAMPLE ID: B 35-1

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.80 | 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) = (33.95 feet – 0.80 feet) X 0.16 gallons/foot = 5.304 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): 3 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3 | PURGING INITIATED AT: 1247 | PURGING ENDED AT: 1319 | TOTAL VOLUME PURGED (gallons): 8.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1309	5.50	5.50	0.25	1.95	5.69	24.58	331	0.20	5.14	yellow	none
1314	1.25	6.75		1.95	5.68	24.48	330	0.14	3.10		
1319	1.25	8.00		1.95	5.67	24.58	333	0.14	2.59		

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./FL): 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: 1319 | SAMPLING ENDED AT: 1325

PUMP OR TUBING DEPTH IN WELL (feet): 3 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.67	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	LOW LEVEL/HG METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.67	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 49.9 ORP 47.6 ORP 46.0

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 8 | SAMPLE ID: B35-2 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.85 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.50 feet – 0.85 feet) X 0.16 gallons/foot = 2.664 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): 3 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 | PURGING INITIATED AT: 1328 | PURGING ENDED AT: 1345 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1339	2.75	2.75	0.25	2.72	5.37	24.55	399	0.10	4.90	YELLOW	SULFUR
1342	0.75	3.50	1	2.72	5.39	24.46	398	0.16	4.67	(	1
1345	0.75	4.25		2.73	5.38	24.53	396	0.03	2.45		

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./FL): 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: 1345 | SAMPLING ENDED AT: 1351

PUMP OR TUBING DEPTH IN WELL (feet): 4 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.38	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.38	8011 DBP	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 55.4 ORP 53.8 ORP 53.1

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

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

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

Pace Analytical Florida Laboratory	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 SOLID WASTE
SITE LOCATION: TOMOKA SEMI
WELL NO: 9
SAMPLE ID: B 36
DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet): 1.20
PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (34.30 feet – 1.20 feet) X 0.16 gallons/foot = 5.296 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): 3
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6
PURGING INITIATED AT: 1412
PURGING ENDED AT: 1444
TOTAL VOLUME PURGED (gallons): 8.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1434	5.50	5.50	0.25	4.68	6.38	24.21	1690	0.19	3.36	CLEAR	SULFUR
1439	1.25	6.75	1	4.70	6.38	24.12	1740	0.16	1.14	1	1
1444	1.25	8.00	1	4.71	6.40	24.11	1763	0.11	1.33		

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: 1444
SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 6
TUBING MATERIAL CODE: PE, S
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced)
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.40	TDS, NH3, Cl, CL	PP	400
	1	↓	250	HNO3		<2	Sol. Chromium, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.40	BOD, COD	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -39.9 ORP -40.0 ORP -40.4

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 10 | SAMPLE ID: B37-1 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.95 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (37.75 feet – 0.95 feet) X 0.16 gallons/foot = 5.888 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): 3 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3 | PURGING INITIATED AT: 1503 | PURGING ENDED AT: 1539 | TOTAL VOLUME PURGED (gallons): 9.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1527	6.00	6.00	0.25	2.30	6.36	24.32	2409	0.14	2.90	yellow	sulfur
1533	1.50	7.50		2.30	6.35	24.36	2418	0.12	3.53		
1539	1.50	9.00		2.30	6.35	24.34	2438	0.11	3.32		

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 GIBBEAT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1539 | SAMPLING ENDED AT: 1545

PUMP OR TUBING DEPTH IN WELL (feet): 3 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.35	TDS, NITRATE	PP	400
	1		250	HNO3		<2	Total/Diss/Hg METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.35	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -80.1 ORP -80.9 ORP -80.2

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SPM 1

WELL NO: 11 | SAMPLE ID: B37-2 | DATE: 5.27.14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.75 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (16.80 feet – 0.75 feet) X 0.16 gallons/foot = 2.568 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): 2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 | PURGING INITIATED AT: 1552 | PURGING ENDED AT: 1609 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1603	2.75	2.75	0.25	2.39	6.59	25.25	40	0.09	5.94	Yellow	Sulfur
1606	0.75	3.50	1	2.41	6.59	25.26	399	0.09	2.72		
1609	0.75	4.25	1	2.44	6.57	25.18	398	0.09	1.66		

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: 1609 | SAMPLING ENDED AT: 1615

PUMP OR TUBING DEPTH IN WELL (feet): 4 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.57	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.57	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -69.9 ORP -71.1 ORP -72.3

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 12 | SAMPLE ID: B 64 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 1.45 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.60 feet – 1.45 feet) X 0.16 gallons/foot = 2.584 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): 4 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 | PURGING INITIATED AT: 1632 | PURGING ENDED AT: 1649 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1643	2.75	2.75	0.25	2.88	6.68	23.82	621	0.40	3.07	Yellow	Sulfur
1646	0.75	3.50	1	2.88	6.66	23.82	619	0.63	1.44		
1649	0.75	4.25	1	2.90	6.66	23.86	619	0.28	1.26		

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: 1649 | SAMPLING ENDED AT: 1656

PUMP OR TUBING DEPTH IN WELL (feet): 4 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.66	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	200.8 Hg, metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.66	8011 DOB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-88.9 ORP-89.5 ORP-90.8

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

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

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

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

Table Number: _____

Sample Condition Upon Receipt Form (SCUR)

Client Name: VOLUSIA COUNTY SOLID WASTE Project #: 35121512

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

Tracking #: _____

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

Date and Initials of person examining contents: 5/27/14 (TH)

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

Thermometer Used: J166 Type of Ice: (Wet) Blue None

Cooler Temperature °C: 1.6 (Visual) +0.4 (Correction Factor) 2.0 (Actual)

2.3 +0.4 2.6
0.3 +0.4 0.7

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): COC "NOT" Signed/accepted by Pace FL. Time taken by relinquisher (mark) at 17:40 on 05/27/14. (TH)

Project Manager review: _____ Date: 5/28/14

Finished Product Information Only

Sample ID: _____

Induction Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

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

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

June 06, 2014

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

RE: Project: Tomoka LF
Pace Project No.: 35139698

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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

CERTIFICATIONS

Project: Tomoka LF
Pace Project No.: 35139698

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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

SAMPLE SUMMARY

Project: Tomoka LF
Pace Project No.: 35139698

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139698001	**EQ Blank 5/28/14**	Water	05/28/14 08:16	05/28/14 15:35
35139698002	**FA-2C**	Water	05/28/14 10:12	05/28/14 15:35
35139698003	**FA-2C Dup**	Water	05/28/14 10:12	05/28/14 15:35
35139698004	**FA-1B**	Water	05/28/14 14:12	05/28/14 15:35
35139698005	**Trip Blank 5-28-14**	Water	05/28/14 00:00	05/28/14 15:35

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF
Pace Project No.: 35139698

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139698001	**EQ Blank 5/28/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698002	**FA-2C**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698003	**FA-2C Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698004	**FA-1B**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698005	**Trip Blank 5-28-14**	EPA 8260	SK	50	PASI-O

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

SUMMARY OF DETECTION

Project: Tomoka LF
Pace Project No.: 35139698

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139698001	**EQ Blank 5/28/14**					
EPA 8260	Acetone	12.5 I	ug/L	20.0	06/02/14 15:45	
35139698002	**FA-2C**					
	Field pH	7.39	Std. Units		06/02/14 13:12	
	Field Temperature	23.29	deg C		06/02/14 13:12	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:12	
	Field Specific Conductance	712	umhos/cm		06/02/14 13:12	
	Oxygen, Dissolved	0.22	mg/L		06/02/14 13:12	
	REDOX	-155.6	mV		06/02/14 13:12	
	Turbidity	0.02	NTU		06/02/14 13:12	
	Water Level(NGVD)	14.25	feet		06/02/14 13:12	
EPA 6010	Barium	22.8	ug/L	10.0	06/02/14 00:07	
EPA 6010	Iron	1200	ug/L	40.0	06/02/14 00:07	
EPA 6010	Sodium	47.1	mg/L	1.0	06/02/14 00:07	
SM 2540C	Total Dissolved Solids	449	mg/L	5.0	06/03/14 10:53	
EPA 300.0	Chloride	68.0	mg/L	5.0	05/29/14 18:09	
EPA 350.1	Nitrogen, Ammonia	0.44	mg/L	0.050	06/05/14 12:50	
35139698003	**FA-2C Dup**					
	Field pH	7.39	Std. Units		06/02/14 13:13	
	Field Temperature	23.29	deg C		06/02/14 13:13	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:13	
	Field Specific Conductance	712	umhos/cm		06/02/14 13:13	
	Oxygen, Dissolved	0.22	mg/L		06/02/14 13:13	
	REDOX	-155.6	mV		06/02/14 13:13	
	Turbidity	0.02	NTU		06/02/14 13:13	
	Water Level(NGVD)	14.25	feet		06/02/14 13:13	
EPA 6010	Barium	23.1	ug/L	10.0	06/03/14 16:39	
EPA 6010	Iron	1220	ug/L	40.0	06/03/14 16:39	
EPA 6010	Sodium	49.2	mg/L	1.0	06/03/14 16:39	
EPA 8260	Acetone	17.1 I	ug/L	20.0	06/02/14 16:35	
SM 2540C	Total Dissolved Solids	465	mg/L	5.0	06/03/14 10:53	
EPA 300.0	Chloride	67.9	mg/L	5.0	05/29/14 18:30	
EPA 350.1	Nitrogen, Ammonia	0.44	mg/L	0.050	06/05/14 12:52	
35139698004	**FA-1B**					
	Field pH	7.11	Std. Units		06/02/14 13:15	
	Field Temperature	23.25	deg C		06/02/14 13:15	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:15	
	Field Specific Conductance	535	umhos/cm		06/02/14 13:15	
	Oxygen, Dissolved	0.19	mg/L		06/02/14 13:15	

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

SUMMARY OF DETECTION

Project: Tomoka LF
Pace Project No.: 35139698

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139698004	**FA-1B**					
	REDOX	-85.2	mV		06/02/14 13:15	
	Turbidity	0.22	NTU		06/02/14 13:15	
	Water Level(NGVD)	18.76	feet		06/02/14 13:15	
EPA 6010	Barium	28.4	ug/L	10.0	06/03/14 17:05	
EPA 6010	Iron	410	ug/L	40.0	06/03/14 17:05	
EPA 6010	Sodium	10.4	mg/L	1.0	06/03/14 17:05	
EPA 8260	Acetone	14.7 I	ug/L	20.0	06/02/14 17:00	
SM 2540C	Total Dissolved Solids	350	mg/L	5.0	06/03/14 10:53	
EPA 300.0	Nitrate as N	0.063	mg/L	0.050	05/29/14 18:52	
EPA 300.0	Chloride	13.6	mg/L	5.0	05/29/14 18:52	
EPA 350.1	Nitrogen, Ammonia	0.38	mg/L	0.050	06/05/14 12:54	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: EQ Blank 5/28/14 **Lab ID: 35139698001** Collected: 05/28/14 08:16 Received: 05/28/14 15:35 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	06/02/14 13:00	06/03/14 03:45	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	06/02/14 13:00	06/03/14 03:45	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:03	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:03	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/02/14 00:03	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/02/14 00:03	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:03	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/02/14 00:03	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:23	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:23	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:11	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**12.5 I**	ug/L	20.0	10.0	1		06/02/14 15:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 15:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 15:45	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 15:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 15:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: EQ Blank 5/28/14 **Lab ID: 35139698001** Collected: 05/28/14 08:16 Received: 05/28/14 15:35 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		06/02/14 15:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 15:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 15:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 15:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 15:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 15:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/02/14 15:45	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		06/02/14 15:45	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		06/02/14 15:45	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		06/03/14 10:52		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 11:44	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/29/14 11:44	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 11:44	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		06/05/14 12:49	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C **Lab ID: 35139698002** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.39**	Std. Units			1		06/02/14 13:12		
Field Temperature	**23.29**	deg C			1		06/02/14 13:12		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:12		
Field Specific Conductance	**712**	umhos/cm			1		06/02/14 13:12		
Oxygen, Dissolved	**0.22**	mg/L			1		06/02/14 13:12	7782-44-7	
REDOX	**-155.6**	mV			1		06/02/14 13:12		
Turbidity	**0.02**	NTU			1		06/02/14 13:12		
Water Level(NGVD)	**14.25**	feet			1		06/02/14 13:12		
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	06/02/14 13:00	06/03/14 04:00	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	06/02/14 13:00	06/03/14 04:00	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-38-2	
Barium	**22.8**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-50-8	
Iron	**1200**	ug/L	40.0	20.0	1	05/31/14 12:55	06/02/14 00:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/02/14 00:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-22-4	
Sodium	**47.1**	mg/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/02/14 00:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:25	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:13	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/02/14 16:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 16:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 16:10	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C **Lab ID: 35139698002** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 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		06/02/14 16:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 16:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 16:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 16:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 16:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 16:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 16:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		06/02/14 16:10	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		06/02/14 16:10	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		06/02/14 16:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C **Lab ID: 35139698002** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**449**	mg/L	5.0	5.0	1		06/03/14 10:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 18:09	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**68.0**	mg/L	5.0	2.5	1		05/29/14 18:09	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 18:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.44**	mg/L	0.050	0.020	1		06/05/14 12:50	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C Dup **Lab ID: 35139698003** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.39**	Std. Units			1		06/02/14 13:13		
Field Temperature	**23.29**	deg C			1		06/02/14 13:13		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:13		
Field Specific Conductance	**712**	umhos/cm			1		06/02/14 13:13		
Oxygen, Dissolved	**0.22**	mg/L			1		06/02/14 13:13	7782-44-7	
REDOX	**-155.6**	mV			1		06/02/14 13:13		
Turbidity	**0.02**	NTU			1		06/02/14 13:13		
Water Level(NGVD)	**14.25**	feet			1		06/02/14 13:13		
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	06/02/14 13:00	06/03/14 04:15	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 04:15	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-38-2	
Barium	**23.1**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 16:39	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 16:39	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-50-8	
Iron	**1220**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 16:39	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 16:39	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-22-4	
Sodium	**49.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 16:39	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 16:39	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:54	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:54	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**17.1 I**	ug/L	20.0	10.0	1		06/02/14 16:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 16:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 16:35	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C Dup **Lab ID: 35139698003** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 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		06/02/14 16:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 16:35	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 16:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 16:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 16:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 16:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 16:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/02/14 16:35	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		06/02/14 16:35	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		06/02/14 16:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C Dup **Lab ID: 35139698003** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**465**	mg/L	5.0	5.0	1		06/03/14 10:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 18:30	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**67.9**	mg/L	5.0	2.5	1		05/29/14 18:30	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 18:30	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.44**	mg/L	0.050	0.020	1		06/05/14 12:52	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-1B **Lab ID: 35139698004** Collected: 05/28/14 14:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.11**	Std. Units			1		06/02/14 13:15		
Field Temperature	**23.25**	deg C			1		06/02/14 13:15		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:15		
Field Specific Conductance	**535**	umhos/cm			1		06/02/14 13:15		
Oxygen, Dissolved	**0.19**	mg/L			1		06/02/14 13:15	7782-44-7	
REDOX	**-85.2**	mV			1		06/02/14 13:15		
Turbidity	**0.22**	NTU			1		06/02/14 13:15		
Water Level(NGVD)	**18.76**	feet			1		06/02/14 13:15		
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	06/02/14 13:00	06/03/14 04:30	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	06/02/14 13:00	06/03/14 04:30	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-38-2	
Barium	**28.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:05	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:05	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-50-8	
Iron	**410**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:05	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:05	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-22-4	
Sodium	**10.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:05	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:17	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**14.7 I**	ug/L	20.0	10.0	1		06/02/14 17:00	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 17:00	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 17:00	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-1B **Lab ID: 35139698004** Collected: 05/28/14 14:12 Received: 05/28/14 15:35 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		06/02/14 17:00	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 17:00	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 17:00	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 17:00	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 17:00	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 17:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 17:00	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 17:00	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 17:00	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		06/02/14 17:00	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	86-125		1		06/02/14 17:00	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		06/02/14 17:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-1B **Lab ID: 35139698004** Collected: 05/28/14 14:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**350**	mg/L	5.0	5.0	1		06/03/14 10:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.063**	mg/L	0.050	0.043	1		05/29/14 18:52	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**13.6**	mg/L	5.0	2.5	1		05/29/14 18:52	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 18:52	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.38**	mg/L	0.050	0.020	1		06/05/14 12:54	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: Trip Blank 5-28-14 **Lab ID: 35139698005** Collected: 05/28/14 00:00 Received: 05/28/14 15:35 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		06/02/14 12:08	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:08	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:08	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:08	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:08	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:08	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:08	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:08	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:08	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:08	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:08	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: Trip Blank 5-28-14 **Lab ID: 35139698005** Collected: 05/28/14 00:00 Received: 05/28/14 15:35 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		06/02/14 12:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		06/02/14 12:08	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		06/02/14 12:08	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		06/02/14 12:08	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MERP/4687 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 918481 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	06/04/14 10:47	

LABORATORY CONTROL SAMPLE: 918482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 918483 918484

Parameter	Units	35139512011 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	1.8	90	92	80-120	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18773
Analysis Method: EPA 6010
QC Batch Method: EPA 3010
Analysis Description: 6010 MET
Associated Lab Samples: 35139698001, 35139698002

METHOD BLANK: 916673
Matrix: Water
Associated Lab Samples: 35139698001, 35139698002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/01/14 21:56	
Barium	ug/L	5.0U	10.0	06/01/14 21:56	
Beryllium	ug/L	0.50U	1.0	06/01/14 21:56	
Cadmium	ug/L	0.50U	1.0	06/01/14 21:56	
Chromium	ug/L	2.5U	5.0	06/01/14 21:56	
Cobalt	ug/L	5.0U	10.0	06/01/14 21:56	
Copper	ug/L	2.5U	5.0	06/01/14 21:56	
Iron	ug/L	20.0U	40.0	06/01/14 21:56	
Lead	ug/L	5.0U	10.0	06/01/14 21:56	
Nickel	ug/L	2.5U	5.0	06/01/14 21:56	
Selenium	ug/L	7.5U	15.0	06/01/14 21:56	
Silver	ug/L	2.5U	5.0	06/01/14 21:56	
Sodium	mg/L	0.50U	1.0	06/01/14 21:56	
Vanadium	ug/L	5.0U	10.0	06/01/14 21:56	
Zinc	ug/L	10.0U	20.0	06/01/14 21:56	

LABORATORY CONTROL SAMPLE: 916674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	248	99	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	26.1	104	80-120	
Cadmium	ug/L	25	26.2	105	80-120	
Chromium	ug/L	250	260	104	80-120	
Cobalt	ug/L	250	264	105	80-120	
Copper	ug/L	250	258	103	80-120	
Iron	ug/L	2500	2640	105	80-120	
Lead	ug/L	250	267	107	80-120	
Nickel	ug/L	250	262	105	80-120	
Selenium	ug/L	250	261	104	80-120	
Silver	ug/L	25	26.2	105	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	258	103	80-120	
Zinc	ug/L	1250	1280	102	80-120	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916675 916676

Parameter	Units	35139176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	31.6	250	250	278	278	98	98	75-125	0	20	
Barium	ug/L	71.4	250	250	332	331	104	104	75-125	.2	20	
Beryllium	ug/L	0.50U	25	25	26.0	26.1	104	105	75-125	.7	20	
Cadmium	ug/L	0.50U	25	25	25.7	25.8	103	103	75-125	.3	20	
Chromium	ug/L	2.5U	250	250	259	259	103	103	75-125	.1	20	
Cobalt	ug/L	5.0U	250	250	263	262	103	103	75-125	.3	20	
Copper	ug/L	2.5U	250	250	260	261	104	104	75-125	.6	20	
Iron	ug/L	976	2500	2500	3560	3570	103	104	75-125	.3	20	
Lead	ug/L	5.0U	250	250	258	256	103	102	75-125	1	20	
Nickel	ug/L	19.9	250	250	276	275	102	102	75-125	.3	20	
Selenium	ug/L	7.5U	250	250	258	256	102	101	75-125	.5	20	
Silver	ug/L	2.5U	25	25	26.2	26.4	105	106	75-125	.9	20	
Sodium	mg/L	30.9	12.5	12.5	43.9	43.3	104	100	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	261	263	103	103	75-125	.5	20	
Zinc	ug/L	10.0U	1250	1250	1260	1260	101	101	75-125	.08	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18775 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 35139698003, 35139698004

METHOD BLANK: 916681 | Matrix: Water
Associated Lab Samples: 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/03/14 16:31	
Barium	ug/L	5.0U	10.0	06/03/14 16:31	
Beryllium	ug/L	0.50U	1.0	06/03/14 16:31	
Cadmium	ug/L	0.50U	1.0	06/03/14 16:31	
Chromium	ug/L	2.5U	5.0	06/03/14 16:31	
Cobalt	ug/L	5.0U	10.0	06/03/14 16:31	
Copper	ug/L	2.5U	5.0	06/03/14 16:31	
Iron	ug/L	20.0U	40.0	06/03/14 16:31	
Lead	ug/L	5.0U	10.0	06/03/14 16:31	
Nickel	ug/L	2.5U	5.0	06/03/14 16:31	
Selenium	ug/L	7.5U	15.0	06/03/14 16:31	
Silver	ug/L	2.5U	5.0	06/03/14 16:31	
Sodium	mg/L	0.50U	1.0	06/03/14 16:31	
Vanadium	ug/L	5.0U	10.0	06/03/14 16:31	
Zinc	ug/L	10.0U	20.0	06/03/14 16:31	

LABORATORY CONTROL SAMPLE: 916682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	255	102	80-120	
Barium	ug/L	250	266	107	80-120	
Beryllium	ug/L	25	26.2	105	80-120	
Cadmium	ug/L	25	26.4	106	80-120	
Chromium	ug/L	250	264	106	80-120	
Cobalt	ug/L	250	266	106	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2690	108	80-120	
Lead	ug/L	250	270	108	80-120	
Nickel	ug/L	250	270	108	80-120	
Selenium	ug/L	250	265	106	80-120	
Silver	ug/L	25	26.9	108	80-120	
Sodium	mg/L	12.5	13.2	106	80-120	
Vanadium	ug/L	250	259	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	263	104	105	75-125	.9	20	
Barium	ug/L	23.1	250	250	292	295	107	109	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.7	26.9	107	107	75-125	.6	20	
Cadmium	ug/L	0.50U	25	25	26.1	26.2	104	105	75-125	.4	20	
Chromium	ug/L	2.5U	250	250	266	268	106	107	75-125	.8	20	
Cobalt	ug/L	5.0U	250	250	265	266	106	106	75-125	.04	20	
Copper	ug/L	2.5U	250	250	264	265	105	106	75-125	.5	20	
Iron	ug/L	1220	2500	2500	3920	3960	108	110	75-125	.9	20	
Lead	ug/L	5.0U	250	250	260	262	104	105	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	269	269	108	108	75-125	.1	20	
Selenium	ug/L	7.5U	250	250	266	268	106	107	75-125	1	20	
Silver	ug/L	2.5U	25	25	27.4	28.1	108	111	75-125	3	20	
Sodium	mg/L	49.2	12.5	12.5	62.5	62.2	106	104	75-125	.5	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	105	75-125	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18774 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139698001, 35139698002

METHOD BLANK: 916677 | Matrix: Water
Associated Lab Samples: 35139698001, 35139698002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 02:58	
Thallium	ug/L	0.50U	1.0	06/01/14 02:58	

LABORATORY CONTROL SAMPLE: 916678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.4	97	80-120	
Thallium	ug/L	50	49.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916679 916680

Parameter	Units	35139176002 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	48.1	47.6	96	95	75-125	1	20	
Thallium	ug/L	0.50U	50	50	50.6	49.6	101	99	75-125	2	20	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18776 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139698003, 35139698004

METHOD BLANK: 916685 | Matrix: Water
Associated Lab Samples: 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 03:48	
Thallium	ug/L	0.50U	1.0	06/01/14 03:48	

LABORATORY CONTROL SAMPLE: 916686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.5	97	80-120	
Thallium	ug/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916687 916688

Parameter	Units	35139698004 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	48.2	48.8	96	97	75-125	1	20	
Thallium	ug/L	0.50U	50	50	51.1	50.7	102	101	75-125	.8	20	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MSV/11842 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 35139698005

METHOD BLANK: 917158 | Matrix: Water
Associated Lab Samples: 35139698005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/02/14 10:54	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/02/14 10:54	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	06/02/14 10:54	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/02/14 10:54	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:54	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/02/14 10:54	
2-Hexanone	ug/L	5.0U	10.0	06/02/14 10:54	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/02/14 10:54	
Acetone	ug/L	10.0U	20.0	06/02/14 10:54	
Acrylonitrile	ug/L	5.0U	10.0	06/02/14 10:54	
Benzene	ug/L	0.10U	1.0	06/02/14 10:54	
Bromochloromethane	ug/L	0.50U	1.0	06/02/14 10:54	
Bromodichloromethane	ug/L	0.27U	0.60	06/02/14 10:54	
Bromoform	ug/L	0.50U	1.0	06/02/14 10:54	
Bromomethane	ug/L	0.50U	1.0	06/02/14 10:54	
Carbon disulfide	ug/L	5.0U	10.0	06/02/14 10:54	
Carbon tetrachloride	ug/L	0.50U	1.0	06/02/14 10:54	
Chlorobenzene	ug/L	0.50U	1.0	06/02/14 10:54	
Chloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
Chloroform	ug/L	0.50U	1.0	06/02/14 10:54	
Chloromethane	ug/L	0.62U	1.0	06/02/14 10:54	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:54	
Dibromochloromethane	ug/L	0.26U	0.50	06/02/14 10:54	
Dibromomethane	ug/L	0.50U	1.0	06/02/14 10:54	
Ethylbenzene	ug/L	0.50U	1.0	06/02/14 10:54	
Iodomethane	ug/L	0.50U	1.0	06/02/14 10:54	
Methylene Chloride	ug/L	2.5U	5.0	06/02/14 10:54	
Styrene	ug/L	0.50U	1.0	06/02/14 10:54	
Tetrachloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
Toluene	ug/L	0.50U	1.0	06/02/14 10:54	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:54	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

METHOD BLANK: 917158 Matrix: Water
Associated Lab Samples: 35139698005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/02/14 10:54	
Trichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/02/14 10:54	
Vinyl acetate	ug/L	1.0U	2.0	06/02/14 10:54	
Vinyl chloride	ug/L	0.50U	1.0	06/02/14 10:54	
Xylene (Total)	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichloroethane-d4 (S)	%	101	86-125	06/02/14 10:54	
4-Bromofluorobenzene (S)	%	96	70-114	06/02/14 10:54	
Toluene-d8 (S)	%	100	87-113	06/02/14 10:54	

LABORATORY CONTROL SAMPLE: 917159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.7	109	70-130	
1,1,1-Trichloroethane	ug/L	20	20.2	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.2	111	70-130	
1,1,2-Trichloroethane	ug/L	20	21.9	109	70-130	
1,1-Dichloroethane	ug/L	20	20.1	100	70-130	
1,1-Dichloroethene	ug/L	20	17.8	89	70-130	
1,2,3-Trichloropropane	ug/L	20	21.8	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.9	104	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	22.0	110	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	104	70-130	
1,2-Dichloroethane	ug/L	20	20.4	102	70-130	
1,2-Dichloropropane	ug/L	20	20.8	104	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2-Butanone (MEK)	ug/L	40	50.7	127	55-167	
2-Hexanone	ug/L	40	46.9	117	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	44.1	110	70-130	
Acetone	ug/L	40	53.9	135	40-150	
Acrylonitrile	ug/L	200	222	111	70-130	
Benzene	ug/L	20	20.0	100	70-130	
Bromochloromethane	ug/L	20	22.5	113	70-130	
Bromodichloromethane	ug/L	20	20.5	103	70-130	
Bromoform	ug/L	20	21.0	105	68-130	
Bromomethane	ug/L	20	19.0	95	38-179	
Carbon disulfide	ug/L	20	23.4	117	51-155	
Carbon tetrachloride	ug/L	20	19.8	99	70-130	
Chlorobenzene	ug/L	20	21.1	106	70-130	
Chloroethane	ug/L	20	19.6	98	59-149	
Chloroform	ug/L	20	20.9	104	70-130	
Chloromethane	ug/L	20	16.5	82	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.5	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

LABORATORY CONTROL SAMPLE: 917159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	21.9	110	70-130	
Dibromomethane	ug/L	20	22.2	111	70-130	
Ethylbenzene	ug/L	20	20.7	103	70-130	
Iodomethane	ug/L	40	38.3	96	43-160	
Methylene Chloride	ug/L	20	18.8	94	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	18.2	91	66-133	
Toluene	ug/L	20	20.9	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.2	111	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.7	109	65-130	
Trichloroethene	ug/L	20	21.0	105	70-130	
Trichlorofluoromethane	ug/L	20	20.2	101	70-131	
Vinyl acetate	ug/L	20	23.8	119	69-135	
Vinyl chloride	ug/L	20	19.0	95	69-140	
Xylene (Total)	ug/L	60	63.2	105	70-130	
1,2-Dichloroethane-d4 (S)	%			90	86-125	
4-Bromofluorobenzene (S)	%			105	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 917331

Parameter	Units	35139858002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.0	100	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	20.5	103	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	19.7	99	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.2	101	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.7	98	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	18.7	94	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	19.7	98	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	17.2	86	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.4	97	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.2	91	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.2	91	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.1	95	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	17.9	90	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	43.3	108	48-138	
2-Hexanone	ug/L	5.0U	40	41.8	104	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	39.6	99	28-143	
Acetone	ug/L	10.0U	40	46.6	116	20-140	
Acrylonitrile	ug/L	5.0U	200	188	94	46-130	
Benzene	ug/L	0.10U	20	19.4	97	53-132	
Bromochloromethane	ug/L	0.50U	20	20.5	103	54-132	
Bromodichloromethane	ug/L	0.27U	20	18.3	92	46-130	
Bromoform	ug/L	0.50U	20	16.7	83	32-130	

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Pace Analytical Services, Inc.
8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE SAMPLE: 917331

Parameter	Units	35139858002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	12.0	60	20-152	
Carbon disulfide	ug/L	5.0U	20	24.5	122	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.1	100	37-137	
Chlorobenzene	ug/L	0.50U	20	20.0	100	46-130	
Chloroethane	ug/L	0.50U	20	22.4	112	48-159	
Chloroform	ug/L	0.50U	20	20.2	101	51-130	
Chloromethane	ug/L	0.62U	20	17.7	88	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	18.5	93	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.2	86	45-130	
Dibromochloromethane	ug/L	0.26U	20	18.5	93	43-130	
Dibromomethane	ug/L	0.50U	20	18.6	93	50-130	
Ethylbenzene	ug/L	0.50U	20	20.0	100	43-130	
Iodomethane	ug/L	0.50U	40	43.5	109	20-169	
Methylene Chloride	ug/L	2.5U	20	18.1	90	51-135	
Styrene	ug/L	0.50U	20	19.4	97	40-130	
Tetrachloroethene	ug/L	0.50U	20	17.1	86	26-130	
Toluene	ug/L	0.50U	20	20.3	102	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.7	98	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.3	92	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.7	69	20-139	
Trichloroethene	ug/L	0.50U	20	20.3	101	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	23.5	117	46-146	
Vinyl acetate	ug/L	1.0U	20	18.9	95	20-165	
Vinyl chloride	ug/L	0.50U	20	22.7	114	57-142	
Xylene (Total)	ug/L	0.50U	60	59.6	99	42-130	
1,2-Dichloroethane-d4 (S)	%				89	86-125	
4-Bromofluorobenzene (S)	%				98	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 917330

Parameter	Units	35139858001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

SAMPLE DUPLICATE: 917330

Parameter	Units	35139858001 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.85 I	0.83 I		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	97	101	4		
4-Bromofluorobenzene (S)	%	97	95	2		
Toluene-d8 (S)	%	98	97	1		

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MSV/11844 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 917180 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/02/14 10:46	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/02/14 10:46	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/02/14 10:46	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/02/14 10:46	
2-Hexanone	ug/L	5.0U	10.0	06/02/14 10:46	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/02/14 10:46	
Acetone	ug/L	10.0U	20.0	06/02/14 10:46	
Acrylonitrile	ug/L	5.0U	10.0	06/02/14 10:46	
Benzene	ug/L	0.10U	1.0	06/02/14 10:46	
Bromochloromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Bromodichloromethane	ug/L	0.27U	0.60	06/02/14 10:46	
Bromoform	ug/L	0.50U	1.0	06/02/14 10:46	
Bromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Carbon disulfide	ug/L	5.0U	10.0	06/02/14 10:46	
Carbon tetrachloride	ug/L	0.50U	1.0	06/02/14 10:46	
Chlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroform	ug/L	0.50U	1.0	06/02/14 10:46	
Chloromethane	ug/L	0.62U	1.0	06/02/14 10:46	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	
Dibromochloromethane	ug/L	0.26U	0.50	06/02/14 10:46	
Dibromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Ethylbenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Iodomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Methylene Chloride	ug/L	2.5U	5.0	06/02/14 10:46	
Styrene	ug/L	0.50U	1.0	06/02/14 10:46	
Tetrachloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
Toluene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/02/14 10:46	
Trichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

METHOD BLANK: 917180 Matrix: Water

Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Vinyl acetate	ug/L	1.0U	2.0	06/02/14 10:46	
Vinyl chloride	ug/L	0.50U	1.0	06/02/14 10:46	
Xylene (Total)	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane-d4 (S)	%	104	86-125	06/02/14 10:46	
4-Bromofluorobenzene (S)	%	96	70-114	06/02/14 10:46	
Toluene-d8 (S)	%	101	87-113	06/02/14 10:46	

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethene	ug/L	20	19.6	98	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2-Dichlorobenzene	ug/L	20	21.3	107	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,4-Dichlorobenzene	ug/L	20	21.4	107	70-130	
2-Butanone (MEK)	ug/L	40	36.8	92	55-167	
2-Hexanone	ug/L	40	36.9	92	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.3	98	70-130	
Acetone	ug/L	40	39.4	98	40-150	
Acrylonitrile	ug/L	200	214	107	70-130	
Benzene	ug/L	20	20.1	100	70-130	
Bromochloromethane	ug/L	20	20.5	103	70-130	
Bromodichloromethane	ug/L	20	20.6	103	70-130	
Bromoform	ug/L	20	20.9	105	68-130	
Bromomethane	ug/L	20	22.8	114	38-179	
Carbon disulfide	ug/L	20	25.1	125	51-155	
Carbon tetrachloride	ug/L	20	19.2	96	70-130	
Chlorobenzene	ug/L	20	20.3	102	70-130	
Chloroethane	ug/L	20	21.1	106	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	21.8	109	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	23.2	116	70-130	
Dibromochloromethane	ug/L	20	20.8	104	70-130	
Dibromomethane	ug/L	20	19.3	97	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Iodomethane	ug/L	40	51.9	130	43-160	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	21.7	109	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	17.3	86	66-133	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.4	112	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.7	108	65-130	
Trichloroethene	ug/L	20	19.9	99	70-130	
Trichlorofluoromethane	ug/L	20	21.5	107	70-131	
Vinyl acetate	ug/L	20	26.5	132	69-135	
Vinyl chloride	ug/L	20	20.0	100	69-140	
Xylene (Total)	ug/L	60	60.8	101	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			94	70-114	
Toluene-d8 (S)	%			108	87-113	

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.2	106	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.0	105	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	22.8	114	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.9	105	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.9	99	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.5	107	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	27.1	135	31-132	J(M1)
1,2-Dichlorobenzene	ug/L	0.50U	20	20.6	103	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.3	91	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.7	99	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.9	99	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	34.2	85	48-138	
2-Hexanone	ug/L	5.0U	40	40.5	101	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	36.6	92	28-143	
Acetone	ug/L	16.2 I	40	51.6	88	20-140	
Acrylonitrile	ug/L	5.0U	200	165	82	46-130	
Benzene	ug/L	0.10U	20	20.3	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.2	106	54-132	
Bromodichloromethane	ug/L	0.27U	20	19.9	99	46-130	
Bromoform	ug/L	0.50U	20	19.2	96	32-130	
Bromomethane	ug/L	0.50U	20	18.7	93	20-152	
Carbon disulfide	ug/L	5.0U	20	24.7	122	28-184	
Carbon tetrachloride	ug/L	0.50U	20	21.2	106	37-137	
Chlorobenzene	ug/L	0.50U	20	21.6	108	46-130	
Chloroethane	ug/L	0.50U	20	19.6	98	48-159	
Chloroform	ug/L	0.50U	20	19.6	98	51-130	

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8 East Tower Circle
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(386)672-5668

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	0.62U	20	16.2	81	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.7	99	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.5	103	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.3	107	43-130	
Dibromomethane	ug/L	0.50U	20	18.8	94	50-130	
Ethylbenzene	ug/L	0.50U	20	20.9	105	43-130	
Iodomethane	ug/L	0.50U	40	45.5	114	20-169	
Methylene Chloride	ug/L	2.5U	20	17.7	88	51-135	
Styrene	ug/L	0.50U	20	20.4	102	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.3	91	26-130	
Toluene	ug/L	0.50U	20	21.5	108	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.6	103	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	21.2	106	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	19.4	97	20-139	
Trichloroethene	ug/L	0.50U	20	20.6	103	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	22.7	113	46-146	
Vinyl acetate	ug/L	1.0U	20	19.0	95	20-165	
Vinyl chloride	ug/L	0.50U	20	20.9	104	57-142	
Xylene (Total)	ug/L	0.50U	60	63.4	106	42-130	
1,2-Dichloroethane-d4 (S)	%				94	86-125	
4-Bromofluorobenzene (S)	%				91	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	22.4	20.4	9	40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	

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8 East Tower Circle
Ormond Beach, FL 32174
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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	106	101	5		
4-Bromofluorobenzene (S)	%	95	88	7		
Toluene-d8 (S)	%	111	100	10		

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: OEXT/17537 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 917113 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	06/03/14 03:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	06/03/14 03:15	

LABORATORY CONTROL SAMPLE: 917114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.31	123	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 917115 917116

Parameter	Units	35139698004 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	0.0050 U	.44	.44	0.47	0.48	107	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.51	0.53	117	121	60-140	3	40	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WET/25267 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 918055 | Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 10:49	

LABORATORY CONTROL SAMPLE: 918056

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 918057

Parameter	Units	35139743001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	233	222	5	20	

SAMPLE DUPLICATE: 918058

Parameter	Units	35139698003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	465	472	1	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WETA/36253 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 914525 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/29/14 09:57	

LABORATORY CONTROL SAMPLE: 914526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914527 914528

Parameter	Units	35139724001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	100	100	90-110	.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914529 914530

Parameter	Units	35139724002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.1	5.0	101	101	90-110	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WETA/36255 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 914539 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/29/14 09:57	
Sulfate	mg/L	2.5U	5.0	05/29/14 09:57	

LABORATORY CONTROL SAMPLE: 914540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.1	96	90-110	
Sulfate	mg/L	50	48.0	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914541 914542

Parameter	Units	35139724001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	65.8	50	50	120	120	109	109	90-110	.04	20	L
Sulfate	mg/L	2.5U	50	50	48.5	49.3	92	94	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914543 914544

Parameter	Units	35139724002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	57.1	50	50	112	112	110	109	90-110	.4	20	L
Sulfate	mg/L	2.5U	50	50	48.5	48.3	94	93	90-110	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WETA/36458 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 920409 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/05/14 12:30	

LABORATORY CONTROL SAMPLE: 920410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 920412

Parameter	Units	35139536012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.029 I	1	1.1	102	90-110	

SAMPLE DUPLICATE: 920411

Parameter	Units	35139536012 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.029 I	0.030 I		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALIFIERS

Project: Tomoka LF
Pace Project No.: 35139698

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L	Off-scale high. Actual value is known to be greater than value given.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF
Pace Project No.: 35139698

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139698002	**FA-2C**		FLD/		
35139698003	**FA-2C Dup**		FLD/		
35139698004	**FA-1B**		FLD/		
35139698001	**EQ Blank 5/28/14**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698002	**FA-2C**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698003	**FA-2C Dup**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698004	**FA-1B**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698001	**EQ Blank 5/28/14**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139698002	**FA-2C**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139698003	**FA-2C Dup**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139698004	**FA-1B**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139698001	**EQ Blank 5/28/14**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139698002	**FA-2C**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139698003	**FA-2C Dup**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139698004	**FA-1B**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139698001	**EQ Blank 5/28/14**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698002	**FA-2C**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698003	**FA-2C Dup**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698004	**FA-1B**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698001	**EQ Blank 5/28/14**	EPA 8260	MSV/11844		
35139698002	**FA-2C**	EPA 8260	MSV/11844		
35139698003	**FA-2C Dup**	EPA 8260	MSV/11844		
35139698004	**FA-1B**	EPA 8260	MSV/11844		
35139698005	**Trip Blank 5-28-14**	EPA 8260	MSV/11842		
35139698001	**EQ Blank 5/28/14**	SM 2540C	WET/25267		
35139698002	**FA-2C**	SM 2540C	WET/25267		
35139698003	**FA-2C Dup**	SM 2540C	WET/25267		
35139698004	**FA-1B**	SM 2540C	WET/25267		
35139698001	**EQ Blank 5/28/14**	EPA 300.0	WETA/36253		
35139698002	**FA-2C**	EPA 300.0	WETA/36253		
35139698003	**FA-2C Dup**	EPA 300.0	WETA/36253		
35139698004	**FA-1B**	EPA 300.0	WETA/36253		
35139698001	**EQ Blank 5/28/14**	EPA 300.0	WETA/36255		
35139698002	**FA-2C**	EPA 300.0	WETA/36255		
35139698003	**FA-2C Dup**	EPA 300.0	WETA/36255		
35139698004	**FA-1B**	EPA 300.0	WETA/36255		
35139698001	**EQ Blank 5/28/14**	EPA 350.1	WETA/36458		
35139698002	**FA-2C**	EPA 350.1	WETA/36458		
35139698003	**FA-2C Dup**	EPA 350.1	WETA/36458		
35139698004	**FA-1B**	EPA 350.1	WETA/36458		

Pace Analytical
www.pacelabs.com

WO#: 35139698

35139698

...iest Document
...be completed accurately.

Page: 1 of 1

1774452

Section A
Required Client Information:

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

Section B
Required Project Information:

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

Invoice Information:

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

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

Site Location
STATE: _____

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	NITRATE	CHLORIDE, SULFATE	BOD, CBOD, TOTAL METALS	NITROGEN AMMONIA (NH3)	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-28-14	0816		8	3	1	1	3						X	X	X	X	X	X			
2	FA-2C	↓	↓			↓	1012		↓	↓	↓	↓	↓						↓	↓	↓	↓	↓	↓			
3	DUPLICATE	↓	↓			↓	1012		↓	↓	↓	↓	↓						↓	↓	↓	↓	↓	↓			
4	FA-1B	↓	↓			↓	1412		↓	↓	↓	↓	↓						↓	↓	↓	↓	↓	↓			
5	~~FMB~~ TRIP BLANKS	↓	↓			↓	—		2				2											X			
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] PACE	5-28-14	1535	[signature]	5/28/14	1535	3.8	Y	N	Y
							T165			

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-28-14

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

ORIGINAL

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION:	
WELL NO: O	SAMPLE ID: EQ	DATE: 5-28-14

PURGING DATA

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

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

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GIBONI / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0806	SAMPLING ENDED AT: 0816
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE.S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010B/6020/7470 METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI	
WELL NO: 1	SAMPLE ID: FA-2C / DUPLICATE	DATE: 5-28-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.65	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (96.10 feet – 12.65 feet) X 0.16 gallons/foot = 13.352 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 23.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0914	13.50	13.50	0.25	13.46	7.84	23.04	695	0.33	0.17	YELLOW	SULFUR
0927	3.25	16.75	|	13.46	7.55	23.25	701	0.25	0.09	|	|
0940	3.25	20.00	|	13.46	7.43	23.35	707	0.23	0.06	|	|
0953	3.25	23.25	|	13.46	7.39	23.29	712	0.22	0.02	|	|

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./FL): 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: 0953	SAMPLING ENDED AT: 1012
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	PE	1000	ICE		7.39	TDS, NITRATE, CL	PP	400
	2	↓	250	HNO3		<2	LOW LEVEL Hg METALS	↓	↓
	2	↓	250	H2SO4		<2	NH3	↓	↓
	4	CG	40	ICE		7.39	8011 EDB	↓	100
	6	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP-199.5 ORP-166.8 ORP-159.4 ORP-155.6

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 2 | SAMPLE ID: FA-1B | DATE: 5-28-14

PURGING DATA

WELL DIAMETER (inches): 4 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 13.40 | 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) = (97.96 feet – 13.40 feet) X 0.65 gallons/foot = 54.964 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16 | PURGING INITIATED AT: 1018 | PURGING ENDED AT: 1406 | TOTAL VOLUME PURGED (gallons): 57.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1358	55.00	55.00	0.25	14.40	7.13	23.99	536	0.21	0.23	yellow	sulfur
1402	1.00	56.00	1	14.40	7.12	23.91	536	0.20	0.32	1	1
1406	1.00	57.00	1	14.40	7.11	23.85	535	0.19	0.22		

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: MSL / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1406 | SAMPLING ENDED AT: 1412

PUMP OR TUBING DEPTH IN WELL (feet): 16 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		7.11	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		7.11	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -85.3 ORP -85.7 ORP -85.2

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

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

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

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 35139688

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

Tracking # _____

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

Date and Initials of person examining contents: 5/28/14 TH

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

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

Cooler Temperature °C 3.9 (Visual) -0.1 (Correction Factor) 3.8 (Actual) 1535

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: 5/31/14

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

June 09, 2014

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

RE: Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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CERTIFICATIONS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139865001	**EQ Blank 5/29/14**	Water	05/29/14 07:43	05/29/14 16:20
35139865002	**F-MB**	Water	05/29/14 09:24	05/29/14 16:20
35139865003	**F-MB Dup**	Water	05/29/14 09:24	05/29/14 16:20
35139865004	**B38-1**	Water	05/29/14 10:26	05/29/14 16:20
35139865005	**B38-2**	Water	05/29/14 10:54	05/29/14 16:20
35139865006	**B39**	Water	05/29/14 11:20	05/29/14 16:20
35139865007	**Trip Blank 5/29/14**	Water	05/29/14 08:00	05/29/14 16:20

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SAMPLE ANALYTE COUNT

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139865001	**EQ Blank 5/29/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865002	**F-MB**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865003	**F-MB Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865004	**B38-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865005	**B38-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka LF semi-annual
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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865006	**B39**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865007	**Trip Blank 5/29/14**	EPA 8260	SK	50	PASI-O

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SUMMARY OF DETECTION

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139865001	**EQ Blank 5/29/14**					
EPA 8260	Acetone	12.4 I	ug/L	20.0	06/02/14 12:00	
EPA 350.1	Nitrogen, Ammonia	0.023 I	mg/L	0.050	06/06/14 16:26	
35139865002	**F-MB**					
	Field pH	7.01	Std. Units		05/29/14 09:24	
	Field Temperature	24.50	deg C		05/29/14 09:24	
	Appearance	Color: yellow, Sheen: none			05/29/14 09:24	
	Field Specific Conductance	585	umhos/cm		05/29/14 09:24	
	Oxygen, Dissolved	0.23	mg/L		05/29/14 09:24	
	REDOX	-49.0	mV		05/29/14 09:24	
	Turbidity	2.32	NTU		05/29/14 09:24	
	Water Level(NGVD)	18.53	feet		05/29/14 09:24	
EPA 6010	Barium	19.3	ug/L	10.0	06/03/14 17:24	
EPA 6010	Iron	210	ug/L	40.0	06/03/14 17:24	
EPA 6010	Sodium	16.4	mg/L	1.0	06/03/14 17:24	
SM 2540C	Total Dissolved Solids	367	mg/L	5.0	06/03/14 11:04	
EPA 300.0	Chloride	20.5	mg/L	5.0	05/30/14 15:54	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	06/06/14 16:28	
35139865003	**F-MB Dup**					
	Field pH	7.01	Std. Units		06/02/14 13:23	
	Field Temperature	24.50	deg C		06/02/14 13:23	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:23	
	Field Specific Conductance	585	umhos/cm		06/02/14 13:23	
	Oxygen, Dissolved	0.23	mg/L		06/02/14 13:23	
	REDOX	-49.0	mV		06/02/14 13:23	
	Turbidity	2.32	NTU		06/02/14 13:23	
EPA 6010	Barium	20.4	ug/L	10.0	06/03/14 17:27	
EPA 6010	Iron	216	ug/L	40.0	06/03/14 17:27	
EPA 6010	Sodium	17.4	mg/L	1.0	06/03/14 17:27	
EPA 8260	Acetone	22.4	ug/L	20.0	06/02/14 13:15	
SM 2540C	Total Dissolved Solids	365	mg/L	5.0	06/03/14 11:04	
EPA 300.0	Chloride	20.5	mg/L	5.0	05/30/14 16:16	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	06/06/14 16:29	
35139865004	**B38-1**					
	Field pH	5.50	Std. Units		06/02/14 13:25	
	Field Temperature	22.79	deg C		06/02/14 13:25	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:25	
	Field Specific Conductance	324	umhos/cm		06/02/14 13:25	
	Oxygen, Dissolved	0.21	mg/L		06/02/14 13:25	

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SUMMARY OF DETECTION

Project: Tomoka LF semi-annual
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Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139865004	**B38-1**					
	REDOX	65.4	mV		06/02/14 13:25	
	Turbidity	4.14	NTU		06/02/14 13:25	
EPA 6010	Barium	104	ug/L	10.0	06/03/14 17:31	
EPA 6010	Iron	23300	ug/L	40.0	06/03/14 17:31	
EPA 6010	Sodium	28.3	mg/L	1.0	06/03/14 17:31	
EPA 8260	Acetone	16.2 I	ug/L	20.0	06/02/14 14:05	
SM 2540C	Total Dissolved Solids	234	mg/L	5.0	06/03/14 11:05	
EPA 300.0	Chloride	58.2	mg/L	5.0	05/30/14 17:20	
EPA 300.0	Sulfate	22.0	mg/L	5.0	05/30/14 17:20	
EPA 350.1	Nitrogen, Ammonia	0.089	mg/L	0.050	06/06/14 16:31	
35139865005	**B38-2**					
	Field pH	6.01	Std. Units		06/02/14 13:26	
	Field Temperature	23.20	deg C		06/02/14 13:26	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:26	
	Field Specific Conductance	470	umhos/cm		06/02/14 13:26	
	Oxygen, Dissolved	0.15	mg/L		06/02/14 13:26	
	REDOX	4.4	mV		06/02/14 13:26	
	Turbidity	1.65	NTU		06/02/14 13:26	
EPA 6010	Barium	24.4	ug/L	10.0	06/03/14 17:46	
EPA 6010	Iron	8390	ug/L	40.0	06/03/14 17:46	
EPA 6010	Sodium	38.7	mg/L	1.0	06/03/14 17:46	
EPA 8260	Acetone	23.6	ug/L	20.0	06/02/14 14:30	
SM 2540C	Total Dissolved Solids	347	mg/L	5.0	06/03/14 11:05	
EPA 300.0	Chloride	51.3	mg/L	5.0	05/30/14 17:41	
EPA 350.1	Nitrogen, Ammonia	0.84	mg/L	0.050	06/06/14 16:33	
35139865006	**B39**					
	Field pH	4.92	Std. Units		06/02/14 13:27	
	Field Temperature	23.91	deg C		06/02/14 13:27	
	Appearance	Color, Yellow, Sheen: None			06/02/14 13:27	
	Field Specific Conductance	178	umhos/cm		06/02/14 13:27	
	Oxygen, Dissolved	0.24	mg/L		06/02/14 13:27	
	REDOX	122.6	mV		06/02/14 13:27	
	Turbidity	4.58	NTU		06/02/14 13:27	
EPA 6010	Arsenic	13.2	ug/L	10.0	06/03/14 17:50	
EPA 6010	Barium	24.3	ug/L	10.0	06/03/14 17:50	
EPA 6010	Chromium	7.7	ug/L	5.0	06/03/14 17:50	
EPA 6010	Iron	11100	ug/L	40.0	06/03/14 17:50	
EPA 6010	Sodium	18.9	mg/L	1.0	06/03/14 17:50	
EPA 6010	Vanadium	37.5	ug/L	10.0	06/03/14 17:50	
EPA 8260	Acetone	18.2 I	ug/L	20.0	06/02/14 14:55	
SM 2540C	Total Dissolved Solids	247	mg/L	5.0	06/03/14 11:05	

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SUMMARY OF DETECTION

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139865006	**B39**					
EPA 300.0	Chloride	32.0	mg/L	5.0	05/30/14 18:03	
EPA 350.1	Nitrogen, Ammonia	0.67	mg/L	0.050	06/06/14 16:35	
35139865007	**Trip Blank 5/29/14**					
EPA 8260	Acetone	13.4 I	ug/L	20.0	06/02/14 12:50	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: EQ Blank 5/29/14 **Lab ID: 35139865001** Collected: 05/29/14 07:43 Received: 05/29/14 16:20 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	**0.0050U**	ug/L	0.021	0.0050	1	06/02/14 13:00	06/03/14 05:15	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 05:15	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:09	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:09	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:09	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:09	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:09	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:09	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:15	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**12.4 I**	ug/L	20.0	10.0	1		06/02/14 12:00	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:00	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:00	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:00	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:00	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	107-06-2	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: EQ Blank 5/29/14 **Lab ID: 35139865001** Collected: 05/29/14 07:43 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:00	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:00	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:00	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:00	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:00	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		06/02/14 12:00	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		06/02/14 12:00	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		06/02/14 12:00	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		06/03/14 11:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 15:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/30/14 15:33	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 15:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.023 I**	mg/L	0.050	0.020	1		06/06/14 16:26	7664-41-7	

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB **Lab ID: 35139865002** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.01**	Std. Units			1		05/29/14 09:24		
Field Temperature	**24.50**	deg C			1		05/29/14 09:24		
Appearance	**Color: yellow, Sheen: none**				1		05/29/14 09:24		
Field Specific Conductance	**585**	umhos/cm			1		05/29/14 09:24		
Oxygen, Dissolved	**0.23**	mg/L			1		05/29/14 09:24	7782-44-7	
REDOX	**-49.0**	mV			1		05/29/14 09:24		
Turbidity	**2.32**	NTU			1		05/29/14 09:24		
Water Level(NGVD)	**18.53**	feet			1		05/29/14 09:24		
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	06/02/14 13:00	06/03/14 05:31	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 05:31	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-38-2	
Barium	**19.3**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:24	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:24	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-50-8	
Iron	**210**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:24	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:24	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-22-4	
Sodium	**16.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:24	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:24	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:28	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:28	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/02/14 12:25	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:25	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:25	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	78-93-3	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB **Lab ID: 35139865002** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:25	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:25	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:25	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:25	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:25	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:25	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:25	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		06/02/14 12:25	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		06/02/14 12:25	17060-07-0	
Toluene-d8 (S)	109	%	87-113		1		06/02/14 12:25	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**367**	mg/L	5.0	5.0	1		06/03/14 11:04		

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB **Lab ID: 35139865002** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 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		05/30/14 15:54	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**20.5**	mg/L	5.0	2.5	1		05/30/14 15:54	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 15:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		06/06/14 16:28	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB Dup **Lab ID: 35139865003** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.01**	Std. Units			1		06/02/14 13:23		
Field Temperature	**24.50**	deg C			1		06/02/14 13:23		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:23		
Field Specific Conductance	**585**	umhos/cm			1		06/02/14 13:23		
Oxygen, Dissolved	**0.23**	mg/L			1		06/02/14 13:23	7782-44-7	
REDOX	**-49.0**	mV			1		06/02/14 13:23		
Turbidity	**2.32**	NTU			1		06/02/14 13:23		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	06/02/14 13:00	06/03/14 06:01	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 06:01	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-38-2	
Barium	**20.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:27	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:27	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-50-8	
Iron	**216**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:27	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:27	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-22-4	
Sodium	**17.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:27	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:27	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:31	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**22.4**	ug/L	20.0	10.0	1		06/02/14 13:15	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 13:15	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 13:15	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB Dup **Lab ID: 35139865003** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 13:15	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 13:15	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 13:15	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 13:15	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 13:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 13:15	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 13:15	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 13:15	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/02/14 13:15	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		06/02/14 13:15	17060-07-0	
Toluene-d8 (S)	111	%	87-113		1		06/02/14 13:15	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**365**	mg/L	5.0	5.0	1		06/03/14 11:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 16:16	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB Dup **Lab ID: 35139865003** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**20.5**	mg/L	5.0	2.5	1		05/30/14 16:16	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 16:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		06/06/14 16:29	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-1 **Lab ID: 35139865004** Collected: 05/29/14 10:26 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.50**	Std. Units			1		06/02/14 13:25		
Field Temperature	**22.79**	deg C			1		06/02/14 13:25		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:25		
Field Specific Conductance	**324**	umhos/cm			1		06/02/14 13:25		
Oxygen, Dissolved	**0.21**	mg/L			1		06/02/14 13:25	7782-44-7	
REDOX	**65.4**	mV			1		06/02/14 13:25		
Turbidity	**4.14**	NTU			1		06/02/14 13:25		
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	06/02/14 13:00	06/03/14 06:17	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 06:17	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-38-2	
Barium	**104**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:31	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:31	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-50-8	
Iron	**23300**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:31	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:31	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-22-4	
Sodium	**28.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:31	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:31	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:34	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:34	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**16.2 I**	ug/L	20.0	10.0	1		06/02/14 14:05	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 14:05	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 14:05	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-1 **Lab ID: 35139865004** Collected: 05/29/14 10:26 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 14:05	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 14:05	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:05	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:05	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 14:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 14:05	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 14:05	96-18-4	J(M1)
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 14:05	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		06/02/14 14:05	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		06/02/14 14:05	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		06/02/14 14:05	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**234**	mg/L	5.0	5.0	1		06/03/14 11:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 17:20	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-1 **Lab ID: 35139865004** Collected: 05/29/14 10:26 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**58.2**	mg/L	5.0	2.5	1		05/30/14 17:20	16887-00-6	
Sulfate	**22.0**	mg/L	5.0	2.5	1		05/30/14 17:20	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.089**	mg/L	0.050	0.020	1		06/06/14 16:31	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-2 **Lab ID: 35139865005** Collected: 05/29/14 10:54 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.01**	Std. Units			1		06/02/14 13:26		
Field Temperature	**23.20**	deg C			1		06/02/14 13:26		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:26		
Field Specific Conductance	**470**	umhos/cm			1		06/02/14 13:26		
Oxygen, Dissolved	**0.15**	mg/L			1		06/02/14 13:26	7782-44-7	
REDOX	**4.4**	mV			1		06/02/14 13:26		
Turbidity	**1.65**	NTU			1		06/02/14 13:26		
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	06/02/14 13:00	06/03/14 06:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	06/02/14 13:00	06/03/14 06:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-38-2	
Barium	**24.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:46	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:46	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-50-8	
Iron	**8390**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:46	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:46	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-22-4	
Sodium	**38.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:46	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:46	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:37	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**23.6**	ug/L	20.0	10.0	1		06/02/14 14:30	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 14:30	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 14:30	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-2 **Lab ID: 35139865005** Collected: 05/29/14 10:54 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 14:30	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 14:30	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:30	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:30	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 14:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 14:30	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 14:30	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 14:30	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		06/02/14 14:30	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		06/02/14 14:30	17060-07-0	
Toluene-d8 (S)	96	%	87-113		1		06/02/14 14:30	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**347**	mg/L	5.0	5.0	1		06/03/14 11:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 17:41	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-2 **Lab ID: 35139865005** Collected: 05/29/14 10:54 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**51.3**	mg/L	5.0	2.5	1		05/30/14 17:41	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 17:41	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.84**	mg/L	0.050	0.020	1		06/06/14 16:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B39 **Lab ID: 35139865006** Collected: 05/29/14 11:20 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**4.92**	Std. Units			1		06/02/14 13:27		
Field Temperature	**23.91**	deg C			1		06/02/14 13:27		
Appearance	**Color, Yellow, Sheen: None**				1		06/02/14 13:27		
Field Specific Conductance	**178**	umhos/cm			1		06/02/14 13:27		
Oxygen, Dissolved	**0.24**	mg/L			1		06/02/14 13:27	7782-44-7	
REDOX	**122.6**	mV			1		06/02/14 13:27		
Turbidity	**4.58**	NTU			1		06/02/14 13:27		
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	06/02/14 13:00	06/03/14 06:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	06/02/14 13:00	06/03/14 06:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**13.2**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-38-2	
Barium	**24.3**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:50	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:50	7440-43-9	
Chromium	**7.7**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-50-8	
Iron	**11100**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:50	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:50	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-22-4	
Sodium	**18.9**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:50	7440-23-5	
Vanadium	**37.5**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:50	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:40	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**18.2 I**	ug/L	20.0	10.0	1		06/02/14 14:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 14:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 14:55	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B39 **Lab ID: 35139865006** Collected: 05/29/14 11:20 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 14:55	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 14:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 14:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 14:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 14:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 14:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		06/02/14 14:55	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		06/02/14 14:55	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/02/14 14:55	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**247**	mg/L	5.0	5.0	1		06/03/14 11:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 18:03	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B39 **Lab ID: 35139865006** Collected: 05/29/14 11:20 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**32.0**	mg/L	5.0	2.5	1		05/30/14 18:03	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 18:03	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.67**	mg/L	0.050	0.020	1		06/06/14 16:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: Trip Blank 5/29/14 **Lab ID: 35139865007** Collected: 05/29/14 08:00 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**13.4 I**	ug/L	20.0	10.0	1		06/02/14 12:50	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:50	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:50	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:50	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:50	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:50	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:50	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:50	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:50	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:50	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:50	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-01-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: Trip Blank 5/29/14 **Lab ID: 35139865007** Collected: 05/29/14 08:00 Received: 05/29/14 16:20 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		06/02/14 12:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		06/02/14 12:50	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		06/02/14 12:50	17060-07-0	
Toluene-d8 (S)	107	%	87-113		1		06/02/14 12:50	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: MPRP/18775 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916681 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/03/14 16:31	
Barium	ug/L	5.0U	10.0	06/03/14 16:31	
Beryllium	ug/L	0.50U	1.0	06/03/14 16:31	
Cadmium	ug/L	0.50U	1.0	06/03/14 16:31	
Chromium	ug/L	2.5U	5.0	06/03/14 16:31	
Cobalt	ug/L	5.0U	10.0	06/03/14 16:31	
Copper	ug/L	2.5U	5.0	06/03/14 16:31	
Iron	ug/L	20.0U	40.0	06/03/14 16:31	
Lead	ug/L	5.0U	10.0	06/03/14 16:31	
Nickel	ug/L	2.5U	5.0	06/03/14 16:31	
Selenium	ug/L	7.5U	15.0	06/03/14 16:31	
Silver	ug/L	2.5U	5.0	06/03/14 16:31	
Sodium	mg/L	0.50U	1.0	06/03/14 16:31	
Vanadium	ug/L	5.0U	10.0	06/03/14 16:31	
Zinc	ug/L	10.0U	20.0	06/03/14 16:31	

LABORATORY CONTROL SAMPLE: 916682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	255	102	80-120	
Barium	ug/L	250	266	107	80-120	
Beryllium	ug/L	25	26.2	105	80-120	
Cadmium	ug/L	25	26.4	106	80-120	
Chromium	ug/L	250	264	106	80-120	
Cobalt	ug/L	250	266	106	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2690	108	80-120	
Lead	ug/L	250	270	108	80-120	
Nickel	ug/L	250	270	108	80-120	
Selenium	ug/L	250	265	106	80-120	
Silver	ug/L	25	26.9	108	80-120	
Sodium	mg/L	12.5	13.2	106	80-120	
Vanadium	ug/L	250	259	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	263	104	105	75-125	.9	20	
Barium	ug/L	23.1	250	250	292	295	107	109	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.7	26.9	107	107	75-125	.6	20	
Cadmium	ug/L	0.50U	25	25	26.1	26.2	104	105	75-125	.4	20	
Chromium	ug/L	2.5U	250	250	266	268	106	107	75-125	.8	20	
Cobalt	ug/L	5.0U	250	250	265	266	106	106	75-125	.04	20	
Copper	ug/L	2.5U	250	250	264	265	105	106	75-125	.5	20	
Iron	ug/L	1220	2500	2500	3920	3960	108	110	75-125	.9	20	
Lead	ug/L	5.0U	250	250	260	262	104	105	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	269	269	108	108	75-125	.1	20	
Selenium	ug/L	7.5U	250	250	266	268	106	107	75-125	1	20	
Silver	ug/L	2.5U	25	25	27.4	28.1	108	111	75-125	3	20	
Sodium	mg/L	49.2	12.5	12.5	62.5	62.2	106	104	75-125	.5	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	105	75-125	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: MPRP/18776 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916685 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 03:48	
Thallium	ug/L	0.50U	1.0	06/01/14 03:48	

LABORATORY CONTROL SAMPLE: 916686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.5	97	80-120	
Thallium	ug/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916687 916688

Parameter	Units	35139698004 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	48.2	48.8	96	97	75-125	1	20	
Thallium	ug/L	0.50U	50	50	51.1	50.7	102	101	75-125	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: MSV/11844 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006, 35139865007

METHOD BLANK: 917180 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006, 35139865007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/02/14 10:46	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/02/14 10:46	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	06/02/14 10:46	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/02/14 10:46	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/02/14 10:46	
2-Hexanone	ug/L	5.0U	10.0	06/02/14 10:46	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/02/14 10:46	
Acetone	ug/L	10.0U	20.0	06/02/14 10:46	
Acrylonitrile	ug/L	5.0U	10.0	06/02/14 10:46	
Benzene	ug/L	0.10U	1.0	06/02/14 10:46	
Bromochloromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Bromodichloromethane	ug/L	0.27U	0.60	06/02/14 10:46	
Bromoform	ug/L	0.50U	1.0	06/02/14 10:46	
Bromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Carbon disulfide	ug/L	5.0U	10.0	06/02/14 10:46	
Carbon tetrachloride	ug/L	0.50U	1.0	06/02/14 10:46	
Chlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroform	ug/L	0.50U	1.0	06/02/14 10:46	
Chloromethane	ug/L	0.62U	1.0	06/02/14 10:46	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	
Dibromochloromethane	ug/L	0.26U	0.50	06/02/14 10:46	
Dibromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Ethylbenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Iodomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Methylene Chloride	ug/L	2.5U	5.0	06/02/14 10:46	
Styrene	ug/L	0.50U	1.0	06/02/14 10:46	
Tetrachloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
Toluene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	

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Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

METHOD BLANK: 917180 Matrix: Water

Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006, 35139865007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/02/14 10:46	
Trichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Vinyl acetate	ug/L	1.0U	2.0	06/02/14 10:46	
Vinyl chloride	ug/L	0.50U	1.0	06/02/14 10:46	
Xylene (Total)	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane-d4 (S)	%	104	86-125	06/02/14 10:46	
4-Bromofluorobenzene (S)	%	96	70-114	06/02/14 10:46	
Toluene-d8 (S)	%	101	87-113	06/02/14 10:46	

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethene	ug/L	20	19.6	98	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	22.2	111	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	21.3	107	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,4-Dichlorobenzene	ug/L	20	21.4	107	70-130	
2-Butanone (MEK)	ug/L	40	36.8	92	55-167	
2-Hexanone	ug/L	40	36.9	92	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.3	98	70-130	
Acetone	ug/L	40	39.4	98	40-150	
Acrylonitrile	ug/L	200	214	107	70-130	
Benzene	ug/L	20	20.1	100	70-130	
Bromochloromethane	ug/L	20	20.5	103	70-130	
Bromodichloromethane	ug/L	20	20.6	103	70-130	
Bromoform	ug/L	20	20.9	105	68-130	
Bromomethane	ug/L	20	22.8	114	38-179	
Carbon disulfide	ug/L	20	25.1	125	51-155	
Carbon tetrachloride	ug/L	20	19.2	96	70-130	
Chlorobenzene	ug/L	20	20.3	102	70-130	
Chloroethane	ug/L	20	21.1	106	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	21.8	109	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	23.2	116	70-130	

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	20.8	104	70-130	
Dibromomethane	ug/L	20	19.3	97	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Iodomethane	ug/L	40	51.9	130	43-160	
Methylene Chloride	ug/L	20	21.7	109	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	17.3	86	66-133	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.4	112	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.7	108	65-130	
Trichloroethene	ug/L	20	19.9	99	70-130	
Trichlorofluoromethane	ug/L	20	21.5	107	70-131	
Vinyl acetate	ug/L	20	26.5	132	69-135	
Vinyl chloride	ug/L	20	20.0	100	69-140	
Xylene (Total)	ug/L	60	60.8	101	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			94	70-114	
Toluene-d8 (S)	%			108	87-113	

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.2	106	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.0	105	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	22.8	114	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.9	105	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.9	99	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.5	107	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	27.1	135	31-132	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	22.6	113	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20.9	105	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.6	103	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.3	91	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.7	99	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.9	99	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	34.2	85	48-138	
2-Hexanone	ug/L	5.0U	40	40.5	101	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	36.6	92	28-143	
Acetone	ug/L	16.2 I	40	51.6	88	20-140	
Acrylonitrile	ug/L	5.0U	200	165	82	46-130	
Benzene	ug/L	0.10U	20	20.3	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.2	106	54-132	
Bromodichloromethane	ug/L	0.27U	20	19.9	99	46-130	
Bromoform	ug/L	0.50U	20	19.2	96	32-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	18.7	93	20-152	
Carbon disulfide	ug/L	5.0U	20	24.7	122	28-184	
Carbon tetrachloride	ug/L	0.50U	20	21.2	106	37-137	
Chlorobenzene	ug/L	0.50U	20	21.6	108	46-130	
Chloroethane	ug/L	0.50U	20	19.6	98	48-159	
Chloroform	ug/L	0.50U	20	19.6	98	51-130	
Chloromethane	ug/L	0.62U	20	16.2	81	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.7	99	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.5	103	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.3	107	43-130	
Dibromomethane	ug/L	0.50U	20	18.8	94	50-130	
Ethylbenzene	ug/L	0.50U	20	20.9	105	43-130	
Iodomethane	ug/L	0.50U	40	45.5	114	20-169	
Methylene Chloride	ug/L	2.5U	20	17.7	88	51-135	
Styrene	ug/L	0.50U	20	20.4	102	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.3	91	26-130	
Toluene	ug/L	0.50U	20	21.5	108	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.6	103	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	21.2	106	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	19.4	97	20-139	
Trichloroethene	ug/L	0.50U	20	20.6	103	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	22.7	113	46-146	
Vinyl acetate	ug/L	1.0U	20	19.0	95	20-165	
Vinyl chloride	ug/L	0.50U	20	20.9	104	57-142	
Xylene (Total)	ug/L	0.50U	60	63.4	106	42-130	
1,2-Dichloroethane-d4 (S)	%				94	86-125	
4-Bromofluorobenzene (S)	%				91	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
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	22.4	20.4	9	40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	106	101	5		
4-Bromofluorobenzene (S)	%	95	88	7		
Toluene-d8 (S)	%	111	100	10		

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: OEXT/17537 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 917113 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	06/03/14 03:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	06/03/14 03:15	

LABORATORY CONTROL SAMPLE: 917114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.31	123	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 917115 917116

Parameter	Units	35139698004 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	0.0050 U	.44	.44	0.47	0.48	107	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.51	0.53	117	121	60-140	3	40	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WET/25268 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 918059 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 11:00	

LABORATORY CONTROL SAMPLE: 918060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	315	105	90-110	

SAMPLE DUPLICATE: 918061

Parameter	Units	35139920001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	808	804	.5	20	

SAMPLE DUPLICATE: 918062

Parameter	Units	35140079004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3690	3620	2	20	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WETA/36315 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916132 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/30/14 14:50	

LABORATORY CONTROL SAMPLE: 916133

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916134 916135

Parameter	Units	35139833002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.082	5	5	5.2	5.2	103	103	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916136 916137

Parameter	Units	35139865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.1	5.1	102	102	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WETA/36317 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916152 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	06/06/14 08:19	
Sulfate	mg/L	2.5U	5.0	06/06/14 08:19	

LABORATORY CONTROL SAMPLE: 916153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.8	96	90-110	
Sulfate	mg/L	50	47.7	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916154 916155

Parameter	Units	35139833002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	204	50	50	299	299	190	189	90-110	.1	20	L
Sulfate	mg/L	35.4	50	50	89.4	89.1	108	107	90-110	.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916156 916157

Parameter	Units	35139865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	20.5	50	50	73.0	73.1	105	105	90-110	.07	20	
Sulfate	mg/L	2.5U	50	50	48.4	48.7	97	97	90-110	.6	20	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WETA/36504 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 921610 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/06/14 16:14	

LABORATORY CONTROL SAMPLE: 921611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.92	92	90-110	

MATRIX SPIKE SAMPLE: 921613

Parameter	Units	35139538001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.71	1	1.6	92	90-110	

SAMPLE DUPLICATE: 921612

Parameter	Units	35139538001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.71	0.71	.3	20	

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QUALIFIERS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L	Off-scale high. Actual value is known to be greater than value given.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139865002	**F-MB**		FLD/		
35139865003	**F-MB Dup**		FLD/		
35139865004	**B38-1**		FLD/		
35139865005	**B38-2**		FLD/		
35139865006	**B39**		FLD/		
35139865001	**EQ Blank 5/29/14**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865002	**F-MB**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865003	**F-MB Dup**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865004	**B38-1**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865005	**B38-2**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865006	**B39**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865001	**EQ Blank 5/29/14**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865002	**F-MB**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865003	**F-MB Dup**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865004	**B38-1**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865005	**B38-2**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865006	**B39**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865001	**EQ Blank 5/29/14**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865002	**F-MB**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865003	**F-MB Dup**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865004	**B38-1**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865005	**B38-2**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865006	**B39**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865001	**EQ Blank 5/29/14**	EPA 8260	MSV/11844		
35139865002	**F-MB**	EPA 8260	MSV/11844		
35139865003	**F-MB Dup**	EPA 8260	MSV/11844		
35139865004	**B38-1**	EPA 8260	MSV/11844		
35139865005	**B38-2**	EPA 8260	MSV/11844		
35139865006	**B39**	EPA 8260	MSV/11844		
35139865007	**Trip Blank 5/29/14**	EPA 8260	MSV/11844		
35139865001	**EQ Blank 5/29/14**	SM 2540C	WET/25268		
35139865002	**F-MB**	SM 2540C	WET/25268		
35139865003	**F-MB Dup**	SM 2540C	WET/25268		
35139865004	**B38-1**	SM 2540C	WET/25268		
35139865005	**B38-2**	SM 2540C	WET/25268		
35139865006	**B39**	SM 2540C	WET/25268		
35139865001	**EQ Blank 5/29/14**	EPA 300.0	WETA/36315		
35139865002	**F-MB**	EPA 300.0	WETA/36315		
35139865003	**F-MB Dup**	EPA 300.0	WETA/36315		
35139865004	**B38-1**	EPA 300.0	WETA/36315		
35139865005	**B38-2**	EPA 300.0	WETA/36315		
35139865006	**B39**	EPA 300.0	WETA/36315		
35139865001	**EQ Blank 5/29/14**	EPA 300.0	WETA/36317		
35139865002	**F-MB**	EPA 300.0	WETA/36317		
35139865003	**F-MB Dup**	EPA 300.0	WETA/36317		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139865004	**B38-1**	EPA 300.0	WETA/36317		
35139865005	**B38-2**	EPA 300.0	WETA/36317		
35139865006	**B39**	EPA 300.0	WETA/36317		
35139865001	**EQ Blank 5/29/14**	EPA 350.1	WETA/36504		
35139865002	**F-MB**	EPA 350.1	WETA/36504		
35139865003	**F-MB Dup**	EPA 350.1	WETA/36504		
35139865004	**B38-1**	EPA 350.1	WETA/36504		
35139865005	**B38-2**	EPA 350.1	WETA/36504		
35139865006	**B39**	EPA 350.1	WETA/36504		

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WO# : 35139865

35139865

est Document
e completed accurately.

Page: 1 of 1

1679296

Section A
Required Client Information:

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

Section B
Required Project I...

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

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

REGULATORY AGENCY

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

Site Location STATE: _____

Section D
Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N ↓	NITRATE CHLORIDE	SULFATE TDS	AMMONIA AMMONIA (NH3)	SOLID/Hg METALS	VOLL EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	SW	G			5-29-14	0743		8	3	1	1	3					X	X	X	X	X	X		
2	FMB	↓	↓			↓	0924		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
3	DUPLICATE	↓	↓			↓	0924		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
4	B 38-1	↓	↓			↓	1026		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
5	B 38-2	↓	↓			↓	1054		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
6	B 39	↓	↓			↓	1120		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
7	TRIP BLANKS	↓	↓			↓	—		2				2									X			
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SAMPLING KIT-EMPTY	[signature]	5/27/14	1400	[signature]	5-29-14	0600	
	[signature]	5-29-14	1620				

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-29-14

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

ORIGINAL

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI	
WELL NO: 0	SAMPLE ID: EQ	DATE: 5-29-14

PURGING DATA

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

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

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0737	SAMPLING ENDED AT: 0743
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	Hg, CaCO/Hg METALS	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE		SITE LOCATION: TOMOKA SEMI	
WELL NO:	SAMPLE ID: FMB / DUPLICATE		DATE: 5-29-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 15.35	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)
= (29.30 feet – 15.35 feet) X 0.16 gallons/foot = 13.432 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): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 20.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0844	13.50	13.50	0.25	16.50	7.02	24.40	585	0.29	0.92	yellow	sulfur
0858	3.50	17.00		16.50	7.01	24.45	586	0.25	1.82		
0912	3.50	20.50		16.50	7.01	24.50	585	0.23	2.32		

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 GIBBS / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0912	SAMPLING ENDED AT: 0924
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	PE	1000	ICE		7.01	TDS, NITRATE, Cl	PP	400
	2	↓	250	HNO3		<2	~~WQ/GRO~~/~~VOC~~ H, METALS	↓	↓
	2	↓	250	H2SO4		<2	~~SOIL BOD~~ NH3	↓	↓
	4	CG	40	ICE		7.01	~~8260 VOC~~ DOB	↓	100
	6	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -46.3 ORP -47.2 ORP -49.0

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 2 | SAMPLE ID: B38-1 | DATE: 5-29-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.20 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (39.40 feet – 3.20 feet) X 0.16 gallons/foot = 5.792 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: 0944 | PURGING ENDED AT: 1020 | TOTAL VOLUME PURGED (gallons): 9.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1008	6.00	6.00	0.25	4.45	5.49	22.74	320	0.33	8.84	Yellow	none
1014	1.50	7.50		4.47	5.50	22.77	323	0.25	6.21		
1020	1.50	9.00		4.50	5.50	22.79	324	0.21	4.14		

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: 1020 | SAMPLING ENDED AT: 1026

PUMP OR TUBING DEPTH IN WELL (feet): 6 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.50	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010, 6020 Metals	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		5.50	8011 DBS	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 69.5 ORP 66.3 ORP 65.4

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI	
WELL NO: 3	SAMPLE ID: B38-2	DATE: 5-29-16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 1.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.43 feet – 1.25 feet) X 0.16 gallons/foot = 2.588 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): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1048	TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1042	2.75	2.75	0.25	3.25	6.00	23.18	473	0.01	1.21	YELLOW	SULFUR
1045	0.75	3.50	1	3.29	6.01	23.10	473	0.18	1.81	1	1
1048	0.75	4.25		3.33	6.01	23.20	470	0.15	1.67		

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: 1048	SAMPLING ENDED AT: 1054
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.01	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Lab(ICP)/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.01	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 6.7 ORP 5.7 ORP 4.4

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SCM1

WELL NO: 4 | SAMPLE ID: B 39 | DATE: 5-29-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.00 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.76 feet – 4.00 feet) X 0.16 gallons/foot = 2.016 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): 7 | PURGING INITIATED AT: 1101 | PURGING ENDED AT: 1114 | TOTAL VOLUME PURGED (gallons): 3.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1110	2.25	2.25	0.25	5.85	4.88	23.86	180	0.32	4.56	yellow	sulfur
1112	0.50	2.75	1	5.86	4.89	23.90	175	0.28	5.57		
1114	0.50	3.25			4.92	23.91	178	0.24	4.58		

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 GIBBAT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1114 | SAMPLING ENDED AT: 1120

PUMP OR TUBING DEPTH IN WELL (feet): 7 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 125.1 ORP 123.6 ORP 122.6

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

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

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

Pace Analytical

Pace Analytical Services, Inc. Florida Laboratory
8 E. Tower Circle, Ormond Beach, FL 32174

PACE FIELD SAMPLING WORK ORDER

Project Name: Tomoka LF semi-annual **Work Order #:** _____

Client: Volusia County

PACE Project Manager: Jeff **Date:** 1/31/2014

Profile: 1590 **Line Item:** 1 for GW, 2 for TB App I, 3 for SW

Sampling Location: Tomoka LF

Sampling Date: May 2014

Time to Report on Site: _____

Site Contact: Jennifer Stirk **Contact #:** 947-2952

Bottle order #: 29354 MW, 29355 SW

General Sampling Instructions: 54 GWs and 7 SWs need sampled. Be sure to check in at front office each day before beginning sampling. An EQ Blank, Field duplicate, and trip blank needs to be taken each day of sampling. Waterlevels and total well depths for all 54 GW wells need to be taken on a single day during event. Record waterlevel and well depth info on attached sheet along with staff gauge readings on SWs. Need to collect Leachate from Discharge pipe, not from tank.

Document on field sheets that purge water disposal is discharge to ground

QC SamplesTo Be Collected: (Check one or more)

Equipment Blank: X Trip Blank: X Field Blank: ____

Field Duplicate: X Matrix Spike: ____ _____: ____

Field Parameters Needed: (Check one or more)

pH: X Conductivity: X Turbidity: X Color/sheens: X

DO: X Temperature: X Waterlevels: X

Staff Gauge readings on SW: X Total Well depths: X

Miscellaneous Instructions or Notes: _____

FOR PACE FIELD TECH USE ONLY

	Sampling Start Time	Sampling Finish Time	Date
Field Tech 1:			
Field Tech 2:			
Field Tech 3:			
Field Tech 4:			

Pace Analytical®

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

BOTTLE ORDER # 29354

1/31/2014 2:38:50 PM

	Ship To:	Return To:
Contact: Ms. Jennifer Stirk	Contact: Ms. Jennifer Stirk	Contact:
Company: Volusia County Solid Waste Ma	Company: Volusia County Solid Waste Man	Lab Name: PACE - FL
Address: 1990 Tomoka Farms Road	Address: 1990 Tomoka Farms Road	Address: 8 East Tower Circle
City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Ormond Beach ,FL ,32174
Phone: Ext.	Phone: Ext.	Phone: (386) 672-5668 Ext.
Initiator: Jeff Baylor PM: JSB		

Proj. Description: Tomoka Semi-annual Quote Number: Profile Number:
Needs Bottles by: 05/01/2014 - Expected Date Ret: Shipping Method: Pace Field - Ormon

Return Shipping Labels
- ☐ No Shipper #
- ☐ With Shipper #

COC's
- ☑ Blank # 5
- ☐ Preprinted

Bottle Labels
- ☐ Blank
- ☐ Pre-Printed - With Sample IDs
- ☑ Pre-Printed - No Sample IDs

Bottles
- ☐ Boxed Cases
- ☐ Individually Wrapped
- ☑ Grouped By Sample ID / Matrix

Misc
- ☐ Sampling Instructions
- ☐ Custody Seal
- ☐ Temp. Blanks
- ☐ Coolers:
- ☐ Extra Bubble Wrap
- ☐ 10 mL Cut-Off Syringes
- ☐ Short Hold / Rush Stickers
- ☐ DI Water 0 Liter(s)

Trip Blank ☑

Qty	Total	Matrix	Method	BottleType	LotNumber	Note
64	64	Water	nitrate, chloride, sulfate, TDS	1-1L Plastic Unpreserved		
64	64	Water	Nitrogen, Ammonia (NH3)	1-250mL Plastic w/ H2SO4		
64	64	Water	6010/6020/Hg Metals	1-250mL Plastic w/ HNO3		
64	128	Water	8011 EDB	2-40mL Clear Glass Unpreserved		
64	192	Water	8260 Volatile Organic Compounds	3-40mL Clear Glass w/ HCl		
5	10	Water	Trip Blank	2-40mL vials w/ HCl & DI Water		

RETURN WITH COC

Notes:

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing.

Shipped Date:
Shipped By:
Verified By:

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 35139865

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

Tracking # _____

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

Date and Initials of person examining contents: 05/29/14 1620

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

Thermometer Used: T168 Type of Ice: (Wet) Blue None

Cooler Temperature °C 0.1 (Visual) -0.1 (Correction Factor) 0.0 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☒ No time for trip blanks. Used 800 as default.
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: 6/2/14

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

June 11, 2014

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

RE: Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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

CERTIFICATIONS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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

SAMPLE SUMMARY

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139867001	**EQ Blank 2 5/29/14**	Water	05/29/14 11:57	05/29/14 16:40
35139867002	**SW3**	Water	05/29/14 12:17	05/29/14 16:40
35139867003	**SW2**	Water	05/29/14 13:00	05/29/14 16:40
35139867004	**SW2 Dup**	Water	05/29/14 13:00	05/29/14 16:40
35139867005	**SW4**	Water	05/29/14 13:30	05/29/14 16:40
35139867006	**SW5**	Water	05/29/14 14:00	05/29/14 16:40
35139867007	**SW11**	Water	05/29/14 14:40	05/29/14 16:40
35139867008	**SW12**	Water	05/29/14 15:05	05/29/14 16:40
35139867009	**SW1**	Water	05/29/14 15:35	05/29/14 16:40
35139867010	**Trip Blank 2 5/29/14**	Water	05/29/14 00:00	05/29/14 16:40

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139867001	**EQ Blank 2 5/29/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	1	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867002	**SW3**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867003	**SW2**	EPA 8011	LJM	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	50	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867004	**SW2 Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867005	**SW4**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867006	**SW5**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867007	**SW11**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867008	**SW12**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867009	**SW1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O
		SM 9222D	CJF	1	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867010	**Trip Blank 2 5/29/14**	EPA 8260	SK	50	PASI-O

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867002	**SW3**					
	Field pH	6.38	Std. Units		06/02/14 15:26	
	Field Temperature	22.34	deg C		06/02/14 15:26	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:26	
	Field Specific Conductance	202	umhos/cm		06/02/14 15:26	
	Oxygen, Dissolved	0.63	mg/L		06/02/14 15:26	
	REDOX	14.8	mV		06/02/14 15:26	
	Turbidity	41.5	NTU		06/02/14 15:26	
EPA 6010	Barium	28.5	ug/L	10.0	06/03/14 17:58	
EPA 6010	Iron	329	ug/L	40.0	06/03/14 17:58	
EPA 6010	Sodium	38.8	mg/L	1.0	06/03/14 17:58	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	139	mg/L	3.2	06/03/14 17:58	
EPA 6020	Copper	1.5	ug/L	1.0	06/01/14 04:46	
EPA 6020	Lead	1.5	ug/L	1.0	06/01/14 04:46	
SM 9222D	Fecal Coliforms	240	CFU/100 mL	2.0	05/30/14 15:57	Z
EPA 1631E	Mercury	12.2	ng/L	2.5	06/10/14 14:43	
EPA 8260	Acetone	45.6	ug/L	20.0	06/03/14 14:48	
EPA 8260	2-Butanone (MEK)	16.7	ug/L	10.0	06/03/14 14:48	
EPA 8260	Toluene	614	ug/L	25.0	06/05/14 11:53	
SM 2540C	Total Dissolved Solids	226	mg/L	5.0	06/03/14 11:06	
SM 2540D	Total Suspended Solids	40.0	mg/L	5.0	06/04/14 12:15	
SM 5210B	BOD, 5 day	30.5	mg/L	2.0	06/04/14 18:02	J(B4),J(L2)
SM10200	Chlorophyll a	20.6	ug/L	5.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	2.5	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.11	mg/L	0.050	06/06/14 15:51	
EPA 351.2	Nitrogen, Kjeldahl, Total	2.5	mg/L	1.0	06/06/14 12:00	
EPA 365.4	Phosphorus, Total (as P)	0.24	mg/L	0.20	06/06/14 12:00	
EPA 410.4	Chemical Oxygen Demand	148	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	40.5	mg/L	1.0	06/05/14 06:05	
35139867003	**SW2**					
	Field pH	7.43	Std. Units		06/02/14 15:35	
	Field Temperature	31.50	deg C		06/02/14 15:35	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:35	
	Field Specific Conductance	438	umhos/cm		06/02/14 15:35	
	Oxygen, Dissolved	6.06	mg/L		06/02/14 15:35	
	REDOX	125.0	mV		06/02/14 15:35	
	Turbidity	1.01	NTU		06/02/14 15:35	
EPA 6010	Barium	27.9	ug/L	10.0	06/03/14 18:02	
EPA 6010	Iron	1880	ug/L	40.0	06/03/14 18:02	
EPA 6010	Sodium	13.2	mg/L	1.0	06/03/14 18:02	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	77.0	mg/L	3.2	06/03/14 18:02	
SM 9222D	Fecal Coliforms	8.0	CFU/100 mL	1.0	05/30/14 15:57	
SM 2540C	Total Dissolved Solids	278	mg/L	5.0	06/03/14 11:06	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867003	**SW2**					
SM10200	Chlorophyll a	4.9	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.70	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.026 I	mg/L	0.050	06/06/14 15:53	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.70	mg/L	0.50	06/06/14 12:01	
EPA 410.4	Chemical Oxygen Demand	33.5	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	13.3	mg/L	1.0	06/05/14 06:56	
35139867004	**SW2 Dup**					
	Field pH	7.43	Std. Units		06/02/14 15:37	
	Field Temperature	31.58	deg C		06/02/14 15:37	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:37	
	Field Specific Conductance	438	umhos/cm		06/02/14 15:37	
	Oxygen, Dissolved	6.06	mg/L		06/02/14 15:37	
	REDOX	125.0	mV		06/02/14 15:37	
	Turbidity	1.01	NTU		06/02/14 15:37	
EPA 6010	Barium	28.7	ug/L	10.0	06/03/14 18:05	
EPA 6010	Iron	339	ug/L	40.0	06/03/14 18:05	
EPA 6010	Sodium	39.0	mg/L	1.0	06/03/14 18:05	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	139	mg/L	3.2	06/03/14 18:05	
SM 9222D	Fecal Coliforms	11.0	CFU/100 mL	1.0	05/30/14 15:57	
SM 2540C	Total Dissolved Solids	288	mg/L	5.0	06/03/14 16:07	
SM10200	Chlorophyll a	5.6	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.73	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.039 I	mg/L	0.050	06/06/14 15:55	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.73	mg/L	0.50	06/06/14 12:02	
EPA 410.4	Chemical Oxygen Demand	16.7 I	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	12.7	mg/L	1.0	06/05/14 07:52	
35139867005	**SW4**					
	Field pH	7.17	Std. Units		06/02/14 15:39	
	Field Temperature	28.69	deg C		06/02/14 15:39	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:39	
	Field Specific Conductance	434	umhos/cm		06/02/14 15:39	
	Oxygen, Dissolved	3.77	mg/L		06/02/14 15:39	
	REDOX	75.5	mV		06/02/14 15:39	
	Turbidity	0.72	NTU		06/02/14 15:39	
EPA 6010	Barium	28.3	ug/L	10.0	06/03/14 18:09	
EPA 6010	Iron	276	ug/L	40.0	06/03/14 18:09	
EPA 6010	Sodium	39.7	mg/L	1.0	06/03/14 18:09	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	135	mg/L	3.2	06/03/14 18:09	
SM 9222D	Fecal Coliforms	38.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.723	ng/L	0.50	06/10/14 15:06	
SM 2540C	Total Dissolved Solids	282	mg/L	5.0	06/03/14 16:08	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867005	**SW4**					
SM 5210B	BOD, 5 day	2.0	mg/L	2.0	06/04/14 18:12	J(B4),J(L2)
SM10200	Chlorophyll a	8.4	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.70	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.040 I	mg/L	0.050	06/06/14 15:57	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.69	mg/L	0.50	06/06/14 12:04	
EPA 410.4	Chemical Oxygen Demand	43.9	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	14.0	mg/L	1.0	06/05/14 08:07	
35139867006	**SW5**					
	Field pH	8.24	Std. Units		06/02/14 15:41	
	Field Temperature	32.36	deg C		06/02/14 15:41	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:41	
	Field Specific Conductance	415	umhos/cm		06/02/14 15:41	
	Oxygen, Dissolved	10.75	mg/L		06/02/14 15:41	
	REDOX	35.6	mV		06/02/14 15:41	
	Turbidity	4.76	NTU		06/02/14 15:41	
EPA 6010	Barium	30.9	ug/L	10.0	06/03/14 18:13	
EPA 6010	Iron	1800	ug/L	40.0	06/03/14 18:13	
EPA 6010	Sodium	31.4	mg/L	1.0	06/03/14 18:13	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	154	mg/L	3.2	06/03/14 18:13	
SM 9222D	Fecal Coliforms	2.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.998	ng/L	0.50	06/10/14 15:14	
EPA 8260	Acetone	14.4 I	ug/L	20.0	06/03/14 16:51	
EPA 8260	Toluene	0.72 I	ug/L	1.0	06/03/14 16:51	
SM 2540C	Total Dissolved Solids	295	mg/L	5.0	06/03/14 16:08	
SM 2540D	Total Suspended Solids	7.5	mg/L	5.0	06/04/14 12:15	
SM 5210B	BOD, 5 day	3.4	mg/L	2.0	06/04/14 18:14	J(B4),J(L2)
SM10200	Chlorophyll a	25.5	ug/L	2.3	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	1.5	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.043 I	mg/L	0.050	06/06/14 15:58	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.5	mg/L	0.50	06/06/14 12:05	
EPA 410.4	Chemical Oxygen Demand	38.1	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	20.8	mg/L	1.0	06/05/14 08:26	
35139867007	**SW11**					
	Field pH	7.48	Std. Units		06/02/14 15:43	
	Field Temperature	29.56	deg C		06/02/14 15:43	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:43	
	Field Specific Conductance	410	umhos/cm		06/02/14 15:43	
	Oxygen, Dissolved	6.00	mg/L		06/02/14 15:43	
	REDOX	109.1	mV		06/02/14 15:43	
	Turbidity	1.69	NTU		06/02/14 15:43	
EPA 6010	Barium	22.4	ug/L	10.0	06/03/14 18:17	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867007	**SW11**					
EPA 6010	Iron	112	ug/L	40.0	06/03/14 18:17	
EPA 6010	Sodium	28.5	mg/L	1.0	06/03/14 18:17	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	149	mg/L	3.2	06/03/14 18:17	
EPA 6020	Antimony	0.54 I	ug/L	1.0	06/03/14 07:54	
SM 9222D	Fecal Coliforms	77.0	CFU/100 mL	1.0	05/30/14 15:57	B
EPA 1631E	Mercury	1.31	ng/L	0.50	06/10/14 15:22	
SM 2540C	Total Dissolved Solids	283	mg/L	5.0	06/03/14 16:08	
SM10200	Chlorophyll a	7.9	ug/L	1.1	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.87	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.030 I	mg/L	0.050	06/06/14 16:03	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.87	mg/L	0.50	06/06/14 12:09	
EPA 410.4	Chemical Oxygen Demand	64.4	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	14.9	mg/L	1.0	06/05/14 08:44	
35139867008	**SW12**					
	Field pH	8.06	Std. Units		06/02/14 15:45	
	Field Temperature	38.42	deg C		06/02/14 15:45	
	Appearance	Color: Clear, Sheen: None			06/02/14 15:45	
	Field Specific Conductance	501	umhos/cm		06/02/14 15:45	
	Oxygen, Dissolved	7.20	mg/L		06/02/14 15:45	
	REDOX	158.0	mV		06/02/14 15:45	
	Turbidity	1.76	NTU		06/02/14 15:45	
EPA 6010	Barium	17.6	ug/L	10.0	06/03/14 18:21	
EPA 6010	Iron	29.3 I	ug/L	40.0	06/03/14 18:21	
EPA 6010	Sodium	37.8	mg/L	1.0	06/03/14 18:21	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	171	mg/L	3.2	06/03/14 18:21	
EPA 6020	Antimony	0.93 I	ug/L	1.0	06/03/14 07:56	
EPA 6020	Selenium	0.61 I	ug/L	1.0	06/03/14 07:56	
SM 9222D	Fecal Coliforms	4.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.646	ng/L	0.50	06/10/14 15:29	
EPA 8260	Acetone	10.4 I	ug/L	20.0	06/03/14 17:41	
SM 2540C	Total Dissolved Solids	333	mg/L	5.0	06/03/14 16:08	
SM10200	Chlorophyll a	3.4	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.74	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.028 I	mg/L	0.050	06/06/14 16:05	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.74	mg/L	0.50	06/06/14 12:11	
EPA 410.4	Chemical Oxygen Demand	26.8	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	12.6	mg/L	1.0	06/05/14 08:56	
35139867009	**SW1**					
	Field pH	6.88	Std. Units		06/02/14 15:47	
	Field Temperature	30.65	deg C		06/02/14 15:47	
	Appearance	Color: Clear, Sheen: Clear			06/02/14 15:47	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867009	**SW1**					
	Field Specific Conductance	114	umhos/cm		06/02/14 15:47	
	Oxygen, Dissolved	639	mg/L		06/02/14 15:47	
	REDOX	169.0	mV		06/02/14 15:47	
	Turbidity	0.33	NTU		06/02/14 15:47	
EPA 6010	Iron	88.6	ug/L	40.0	06/03/14 18:36	
EPA 6010	Sodium	15.2	mg/L	1.0	06/03/14 18:36	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	18.0	mg/L	3.2	06/03/14 18:36	
SM 9222D	Fecal Coliforms	7.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.794	ng/L	0.50	06/10/14 15:37	
SM 2540C	Total Dissolved Solids	93.0	mg/L	5.0	06/03/14 16:10	
SM10200	Chlorophyll a	5.2	ug/L	1.6	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.40 I	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.027 I	mg/L	0.050	06/06/14 16:07	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.40 I	mg/L	0.50	06/06/14 12:12	
EPA 410.4	Chemical Oxygen Demand	41.5	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	4.6	mg/L	1.0	06/05/14 09:08	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: EQ Blank 2 5/29/14 **Lab ID: 35139867001** Collected: 05/29/14 11:57 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	06/02/14 13:00	06/03/14 07:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 07:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:54	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-48-4	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:54	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:54	7440-02-0	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:54	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1.6U**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 17:54		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:54	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:43	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:43	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:43	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:43	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**1.0U**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.50U**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 14:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 13:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 13:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 13:59	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-00-3	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: EQ Blank 2 5/29/14 **Lab ID: 35139867001** Collected: 05/29/14 11:57 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 13:59	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 13:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 13:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 13:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 13:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 13:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 13:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 13:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		06/03/14 13:59	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		06/03/14 13:59	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		06/03/14 13:59	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		06/03/14 11:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		

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(386)672-5668

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: EQ Blank 2 5/29/14 **Lab ID: 35139867001** Collected: 05/29/14 11:57 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:04	06/04/14 18:01		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**1.0U**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.25U**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 23:02	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:50	7664-41-7	
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.086U**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 11:56	7727-37-9	J(M1)
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:42		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 11:56	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**12.5U**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**0.50U**	mg/L	1.0	0.50	1		06/05/14 05:50	7440-44-0	

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW3 **Lab ID: 35139867002** Collected: 05/29/14 12:17 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.38**	Std. Units			1		06/02/14 15:26		
Field Temperature	**22.34**	deg C			1		06/02/14 15:26		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:26		
Field Specific Conductance	**202**	umhos/cm			1		06/02/14 15:26		
Oxygen, Dissolved	**0.63**	mg/L			1		06/02/14 15:26	7782-44-7	
REDOX	**14.8**	mV			1		06/02/14 15:26		
Turbidity	**41.5**	NTU			1		06/02/14 15:26		
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	06/02/14 13:00	06/03/14 07:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	06/02/14 13:00	06/03/14 07:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-38-2	
Barium	**28.5**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:58	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-48-4	
Iron	**329**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:58	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:58	7440-02-0	
Sodium	**38.8**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:58	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**139**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 17:58		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:58	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:46	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:46	7440-43-9	
Copper	**1.5**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:46	7440-50-8	
Lead	**1.5**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:46	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**240**	CFU/100 mL	2.0	2.0	2	05/29/14 17:31	05/30/14 15:57		Z
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**12.2**	ng/L	2.5	2.5	1	06/09/14 16:30	06/10/14 14:43	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**45.6**	ug/L	20.0	10.0	1		06/03/14 14:48	67-64-1	

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8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW3 **Lab ID: 35139867002** Collected: 05/29/14 12:17 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 14:48	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 14:48	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-83-9	
2-Butanone (MEK)	**16.7**	ug/L	10.0	5.0	1		06/03/14 14:48	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 14:48	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 14:48	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:48	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:48	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 14:48	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	127-18-4	
Toluene	**614**	ug/L	25.0	12.5	25		06/05/14 11:53	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 14:48	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 14:48	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/03/14 14:48	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW3 **Lab ID: 35139867002** Collected: 05/29/14 12:17 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	86-125		1		06/03/14 14:48	17060-07-0	
Toluene-d8 (S)	97	%	87-113		1		06/03/14 14:48	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**226**	mg/L	5.0	5.0	1		06/03/14 11:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**40.0**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**30.5**	mg/L	2.0	2.0	1	05/30/14 16:05	06/04/14 18:02		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**20.6**	ug/L	5.0	5.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**2.5**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 23:24	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.11**	mg/L	0.050	0.020	1		06/06/14 15:51	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:51		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**2.5**	mg/L	1.0	0.17	1	06/02/14 10:40	06/06/14 12:00	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:44		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.24**	mg/L	0.20	0.10	1	06/02/14 10:40	06/06/14 12:00	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**148**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**40.5**	mg/L	1.0	0.50	1		06/05/14 06:05	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.43**	Std. Units			1		06/02/14 15:35		
Field Temperature	**31.50**	deg C			1		06/02/14 15:35		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:35		
Field Specific Conductance	**438**	umhos/cm			1		06/02/14 15:35		
Oxygen, Dissolved	**6.06**	mg/L			1		06/02/14 15:35	7782-44-7	
REDOX	**125.0**	mV			1		06/02/14 15:35		
Turbidity	**1.01**	NTU			1		06/02/14 15:35		
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	06/02/14 13:00	06/03/14 07:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 07:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-38-2	
Barium	**27.9**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:02	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-48-4	
Iron	**1880**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:02	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:02	7440-02-0	
Sodium	**13.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:02	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**77.0**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:02		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:02	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:49	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:49	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:49	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:49	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**8.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.50U**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 14:51	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/05/14 12:18	67-64-1	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/05/14 12:18	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/05/14 12:18	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/05/14 12:18	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/05/14 12:18	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/05/14 12:18	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/05/14 12:18	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/05/14 12:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/05/14 12:18	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/05/14 12:18	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/05/14 12:18	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	1330-20-7	
m&p-Xylene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	179601-23-1	
o-Xylene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	95-47-6	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		06/05/14 12:18	460-00-4	
4-Bromofluorobenzene (S)	93	%	70-114		1		06/03/14 15:13	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		06/05/14 12:18	17060-07-0	
1,2-Dichloroethane-d4 (S)	89	%	86-125		1		06/03/14 15:13	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		06/03/14 15:13	2037-26-5	
Toluene-d8 (S)	100	%	87-113		1		06/05/14 12:18	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**278**	mg/L	5.0	5.0	1		06/03/14 11:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:10	06/04/14 18:07		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**4.9**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.70**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 23:45	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.026 I**	mg/L	0.050	0.020	1		06/06/14 15:53	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:53		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.70**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:01	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:45		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:01	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**33.5**	mg/L	20.0	12.5	1		06/05/14 14:29		

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**13.3**	mg/L	1.0	0.50	1		06/05/14 06:56	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 Dup **Lab ID: 35139867004** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.43**	Std. Units			1		06/02/14 15:37		
Field Temperature	**31.58**	deg C			1		06/02/14 15:37		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:37		
Field Specific Conductance	**438**	umhos/cm			1		06/02/14 15:37		
Oxygen, Dissolved	**6.06**	mg/L			1		06/02/14 15:37	7782-44-7	
REDOX	**125.0**	mV			1		06/02/14 15:37		
Turbidity	**1.01**	NTU			1		06/02/14 15:37		
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	06/02/14 13:00	06/03/14 07:49	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 07:49	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-38-2	
Barium	**28.7**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-48-4	
Iron	**339**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:05	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:05	7440-02-0	
Sodium	**39.0**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:05	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**139**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:05		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:52	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:52	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:52	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:52	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**11.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.50U**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 14:59	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 16:02	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 Dup **Lab ID: 35139867004** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 16:02	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 16:02	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 16:02	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 16:02	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:02	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:02	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 16:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 16:02	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 16:02	96-18-4	J(M1)
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 16:02	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		06/03/14 16:02	460-00-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 Dup **Lab ID: 35139867004** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	86-125		1		06/03/14 16:02	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		06/03/14 16:02	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**288**	mg/L	5.0	5.0	1		06/03/14 16:07		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:14	06/04/14 18:09		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**5.6**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.73**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 00:07	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.039 I**	mg/L	0.050	0.020	1		06/06/14 15:55	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:55		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.73**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:02	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:46		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:02	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**16.7 I**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**12.7**	mg/L	1.0	0.50	1		06/05/14 07:52	7440-44-0	

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW4 **Lab ID: 35139867005** Collected: 05/29/14 13:30 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.17**	Std. Units			1		06/02/14 15:39		
Field Temperature	**28.69**	deg C			1		06/02/14 15:39		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:39		
Field Specific Conductance	**434**	umhos/cm			1		06/02/14 15:39		
Oxygen, Dissolved	**3.77**	mg/L			1		06/02/14 15:39	7782-44-7	
REDOX	**75.5**	mV			1		06/02/14 15:39		
Turbidity	**0.72**	NTU			1		06/02/14 15:39		
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	06/02/14 13:00	06/03/14 08:04	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	06/02/14 13:00	06/03/14 08:04	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-38-2	
Barium	**28.3**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:09	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-48-4	
Iron	**276**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:09	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:09	7440-02-0	
Sodium	**39.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:09	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**135**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:09		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:09	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:55	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:55	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:55	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:55	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**38.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.723**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 16:27	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW4 **Lab ID: 35139867005** Collected: 05/29/14 13:30 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 16:27	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 16:27	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 16:27	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 16:27	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:27	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:27	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 16:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 16:27	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 16:27	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 16:27	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		06/03/14 16:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW4 **Lab ID: 35139867005** Collected: 05/29/14 13:30 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 16:27	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		06/03/14 16:27	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**282**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0**	mg/L	2.0	2.0	1	05/30/14 16:17	06/04/14 18:12		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**8.4**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.70**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 00:28	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.040 I**	mg/L	0.050	0.020	1		06/06/14 15:57	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:57		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.69**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:04	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:48		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:04	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**43.9**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**14.0**	mg/L	1.0	0.50	1		06/05/14 08:07	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW5 **Lab ID: 35139867006** Collected: 05/29/14 14:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**8.24**	Std. Units			1		06/02/14 15:41		
Field Temperature	**32.36**	deg C			1		06/02/14 15:41		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:41		
Field Specific Conductance	**415**	umhos/cm			1		06/02/14 15:41		
Oxygen, Dissolved	**10.75**	mg/L			1		06/02/14 15:41	7782-44-7	
REDOX	**35.6**	mV			1		06/02/14 15:41		
Turbidity	**4.76**	NTU			1		06/02/14 15:41		
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	06/02/14 13:00	06/03/14 08:19	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	06/02/14 13:00	06/03/14 08:19	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-38-2	
Barium	**30.9**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:13	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-48-4	
Iron	**1800**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:13	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:13	7440-02-0	
Sodium	**31.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**154**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:13		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:13	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:11	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:52	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:52	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:52	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**2.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.998**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:14	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**14.4 I**	ug/L	20.0	10.0	1		06/03/14 16:51	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW5 **Lab ID: 35139867006** Collected: 05/29/14 14:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 16:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 16:51	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 16:51	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 16:51	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 16:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 16:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	127-18-4	
Toluene	**0.72 I**	ug/L	1.0	0.50	1		06/03/14 16:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 16:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 16:51	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		06/03/14 16:51	460-00-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW5 **Lab ID: 35139867006** Collected: 05/29/14 14:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	86-125		1		06/03/14 16:51	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/03/14 16:51	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**295**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**7.5**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**3.4**	mg/L	2.0	2.0	1	05/30/14 16:20	06/04/14 18:14		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**25.5**	ug/L	2.3	2.3	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**1.5**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 03:19	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.043 I**	mg/L	0.050	0.020	1		06/06/14 15:58	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:58		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**1.5**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:05	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:49		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:05	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**38.1**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**20.8**	mg/L	1.0	0.50	1		06/05/14 08:26	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW11 **Lab ID: 35139867007** Collected: 05/29/14 14:40 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.48**	Std. Units			1		06/02/14 15:43		
Field Temperature	**29.56**	deg C			1		06/02/14 15:43		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:43		
Field Specific Conductance	**410**	umhos/cm			1		06/02/14 15:43		
Oxygen, Dissolved	**6.00**	mg/L			1		06/02/14 15:43	7782-44-7	
REDOX	**109.1**	mV			1		06/02/14 15:43		
Turbidity	**1.69**	NTU			1		06/02/14 15:43		
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	06/02/14 13:00	06/03/14 08:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 08:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-38-2	
Barium	**22.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-48-4	
Iron	**112**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:17	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:17	7440-02-0	
Sodium	**28.5**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:17	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**149**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:17		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.54 I**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:14	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:54	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:54	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:54	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**77.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		B
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**1.31**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:22	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 17:16	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW11 **Lab ID: 35139867007** Collected: 05/29/14 14:40 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 17:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 17:16	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 17:16	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 17:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 17:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 17:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 17:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		06/03/14 17:16	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW11 **Lab ID: 35139867007** Collected: 05/29/14 14:40 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 17:16	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/03/14 17:16	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**283**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:22	06/04/14 18:17		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**7.9**	ug/L	1.1	1.1	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.87**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 03:41	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.030 I**	mg/L	0.050	0.020	1		06/06/14 16:03	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 16:03		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.87**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:09	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:55		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:09	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**64.4**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**14.9**	mg/L	1.0	0.50	1		06/05/14 08:44	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW12 **Lab ID: 35139867008** Collected: 05/29/14 15:05 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**8.06**	Std. Units			1		06/02/14 15:45		
Field Temperature	**38.42**	deg C			1		06/02/14 15:45		
Appearance	**Color: Clear, Sheen: None**				1		06/02/14 15:45		
Field Specific Conductance	**501**	umhos/cm			1		06/02/14 15:45		
Oxygen, Dissolved	**7.20**	mg/L			1		06/02/14 15:45	7782-44-7	
REDOX	**158.0**	mV			1		06/02/14 15:45		
Turbidity	**1.76**	NTU			1		06/02/14 15:45		
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	06/02/14 13:00	06/03/14 09:05	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 09:05	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-38-2	
Barium	**17.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:21	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-48-4	
Iron	**29.3 I**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:21	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:21	7440-02-0	
Sodium	**37.8**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:21	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**171**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:21		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:21	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.93 I**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:17	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:56	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:56	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7439-92-1	
Selenium	**0.61 I**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:56	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**4.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.646**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.4 I**	ug/L	20.0	10.0	1		06/03/14 17:41	67-64-1	

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW12 **Lab ID: 35139867008** Collected: 05/29/14 15:05 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 17:41	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 17:41	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 17:41	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 17:41	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:41	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:41	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 17:41	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 17:41	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 17:41	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		06/03/14 17:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW12 **Lab ID: 35139867008** Collected: 05/29/14 15:05 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	86-125		1		06/03/14 17:41	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		06/03/14 17:41	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**333**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:25	06/04/14 18:19		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**3.4**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.74**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 04:02	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.028 I**	mg/L	0.050	0.020	1		06/06/14 16:05	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 16:05		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.74**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:11	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:56		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:11	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**26.8**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**12.6**	mg/L	1.0	0.50	1		06/05/14 08:56	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW1 **Lab ID: 35139867009** Collected: 05/29/14 15:35 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.88**	Std. Units			1		06/02/14 15:47		
Field Temperature	**30.65**	deg C			1		06/02/14 15:47		
Appearance	**Color: Clear, Sheen: Clear**				1		06/02/14 15:47		
Field Specific Conductance	**114**	umhos/cm			1		06/02/14 15:47		
Oxygen, Dissolved	**639**	mg/L			1		06/02/14 15:47	7782-44-7	
REDOX	**169.0**	mV			1		06/02/14 15:47		
Turbidity	**0.33**	NTU			1		06/02/14 15:47		
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	06/02/14 13:00	06/03/14 09:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	06/02/14 13:00	06/03/14 09:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:36	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-48-4	
Iron	**88.6**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:36	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:36	7440-02-0	
Sodium	**15.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:36	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**18.0**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:36		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:36	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:20	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:59	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:59	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:59	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**7.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.794**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:37	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 18:06	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW1 **Lab ID: 35139867009** Collected: 05/29/14 15:35 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 18:06	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 18:06	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 18:06	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 18:06	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 18:06	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 18:06	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 18:06	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 18:06	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 18:06	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/03/14 18:06	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW1 **Lab ID: 35139867009** Collected: 05/29/14 15:35 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 18:06	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/03/14 18:06	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**93.0**	mg/L	5.0	5.0	1		06/03/14 16:10		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:28	06/04/14 18:27		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**5.2**	ug/L	1.6	1.6	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.40 I**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 04:23	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.027 I**	mg/L	0.050	0.020	1		06/06/14 16:07	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 16:07		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.40 I**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:12	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:58		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:12	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**41.5**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**4.6**	mg/L	1.0	0.50	1		06/05/14 09:08	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: Trip Blank 2 5/29/14 **Lab ID: 35139867010** Collected: 05/29/14 00:00 Received: 05/29/14 16:40 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		06/03/14 14:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 14:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 14:23	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 14:23	74-87-3	J(L2)
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		06/03/14 14:23	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 14:23	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 14:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 14:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 14:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 14:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: Trip Blank 2 5/29/14 **Lab ID: 35139867010** Collected: 05/29/14 00:00 Received: 05/29/14 16:40 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		06/03/14 14:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		06/03/14 14:23	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 14:23	17060-07-0	
Toluene-d8 (S)	97	%	87-113		1		06/03/14 14:23	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MBIO/14081 | Analysis Method: SM 9222D
QC Batch Method: SM 9222D | Analysis Description: 9222D MBIO Fecal Coliform
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916875 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0	05/30/14 15:57	

SAMPLE DUPLICATE: 916876

Parameter	Units	35139748001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	ND	2.0U		20	B

SAMPLE DUPLICATE: 916877

Parameter	Units	35139869001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MERP/6726 Analysis Method: EPA 1631E
QC Batch Method: EPA 1631E Analysis Description: 1631E Mercury,Low Level
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 1217397 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	0.50U	0.50	06/10/14 12:09	

METHOD BLANK: 1217398 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	0.50U	0.50	06/10/14 14:05	

METHOD BLANK: 1217399 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	0.50U	0.50	06/10/14 15:45	

LABORATORY CONTROL SAMPLE: 1217400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ng/L	5	4.40	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1217401 1217402

Parameter	Units	92202983002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	0.563	25	25	21.7	21.2	85	83	71-125	2	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1217403 1217404

Parameter	Units	92204223004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	3.79	25	25	23.7	25.2	80	86	71-125	6	24	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MPRP/18775 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916681 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/03/14 16:31	
Barium	ug/L	5.0U	10.0	06/03/14 16:31	
Chromium	ug/L	2.5U	5.0	06/03/14 16:31	
Cobalt	ug/L	5.0U	10.0	06/03/14 16:31	
Iron	ug/L	20.0U	40.0	06/03/14 16:31	
Nickel	ug/L	2.5U	5.0	06/03/14 16:31	
Sodium	mg/L	0.50U	1.0	06/03/14 16:31	
Tot Hardness asCaCO3 (SM 2340B	mg/L	1.6U	3.2	06/03/14 16:31	
Vanadium	ug/L	5.0U	10.0	06/03/14 16:31	
Zinc	ug/L	10.0U	20.0	06/03/14 16:31	

LABORATORY CONTROL SAMPLE: 916682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	255	102	80-120	
Barium	ug/L	250	266	107	80-120	
Chromium	ug/L	250	264	106	80-120	
Cobalt	ug/L	250	266	106	80-120	
Iron	ug/L	2500	2690	108	80-120	
Nickel	ug/L	250	270	108	80-120	
Sodium	mg/L	12.5	13.2	106	80-120	
Tot Hardness asCaCO3 (SM 2340B	mg/L	82.7	85.7	104	80-120	
Vanadium	ug/L	250	259	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	263	104	105	75-125	.9	20	
Barium	ug/L	23.1	250	250	292	295	107	109	75-125	1	20	
Chromium	ug/L	2.5U	250	250	266	268	106	107	75-125	.8	20	
Cobalt	ug/L	5.0U	250	250	265	266	106	106	75-125	.04	20	
Iron	ug/L	1220	2500	2500	3920	3960	108	110	75-125	.9	20	
Nickel	ug/L	2.5U	250	250	269	269	108	108	75-125	.1	20	
Sodium	mg/L	49.2	12.5	12.5	62.5	62.2	106	104	75-125	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tot Hardness asCaCO3 (SM 2340B	mg/L	286000 ug/L	82.7	82.7	374	374	106	107	75-125	.09	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	105	75-125	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MPRP/18776 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916685 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 03:48	
Beryllium	ug/L	0.050U	0.10	06/01/14 03:48	
Cadmium	ug/L	0.050U	0.10	06/01/14 03:48	
Copper	ug/L	0.93U	1.0	06/01/14 03:48	
Lead	ug/L	0.50U	1.0	06/01/14 03:48	
Selenium	ug/L	0.50U	1.0	06/01/14 03:48	
Silver	ug/L	0.050U	0.10	06/01/14 03:48	
Thallium	ug/L	0.50U	1.0	06/01/14 03:48	

LABORATORY CONTROL SAMPLE: 916686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.5	97	80-120	
Beryllium	ug/L	5	5.0	99	80-120	
Cadmium	ug/L	5	4.8	96	80-120	
Copper	ug/L	50	50.5	101	80-120	
Lead	ug/L	50	46.0	92	80-120	
Selenium	ug/L	50	50.6	101	80-120	
Silver	ug/L	5	5.0	100	80-120	
Thallium	ug/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916687 916688

Parameter	Units	35139698004 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	48.2	48.8	96	97	75-125	1	20	
Beryllium	ug/L	0.050U	5	5	5.3	5.7	107	114	75-125	7	20	
Cadmium	ug/L	0.050U	5	5	4.6	4.9	92	98	75-125	5	20	
Copper	ug/L	0.93U	50	50	47.0	47.7	94	95	75-125	1	20	
Lead	ug/L	0.50U	50	50	47.4	47.2	95	94	75-125	.2	20	
Selenium	ug/L	0.50U	50	50	48.8	49.0	98	98	75-125	.3	20	
Silver	ug/L	0.050U	5	5	4.7	4.8	94	96	75-125	2	20	
Thallium	ug/L	0.50U	50	50	51.1	50.7	102	101	75-125	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MSV/11856 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009, 35139867010

METHOD BLANK: 918221 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009, 35139867010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/03/14 09:49	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/03/14 09:49	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	06/03/14 09:49	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	06/03/14 09:49	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/03/14 09:49	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/03/14 09:49	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/03/14 09:49	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/03/14 09:49	
2-Hexanone	ug/L	5.0U	10.0	06/03/14 09:49	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/03/14 09:49	
Acetone	ug/L	10.0U	20.0	06/03/14 09:49	
Acrylonitrile	ug/L	5.0U	10.0	06/03/14 09:49	
Benzene	ug/L	0.10U	1.0	06/03/14 09:49	
Bromochloromethane	ug/L	0.50U	1.0	06/03/14 09:49	
Bromodichloromethane	ug/L	0.27U	0.60	06/03/14 09:49	
Bromoform	ug/L	0.50U	1.0	06/03/14 09:49	
Bromomethane	ug/L	0.50U	1.0	06/03/14 09:49	
Carbon disulfide	ug/L	5.0U	10.0	06/03/14 09:49	
Carbon tetrachloride	ug/L	0.50U	1.0	06/03/14 09:49	
Chlorobenzene	ug/L	0.50U	1.0	06/03/14 09:49	
Chloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
Chloroform	ug/L	0.50U	1.0	06/03/14 09:49	
Chloromethane	ug/L	0.62U	1.0	06/03/14 09:49	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/03/14 09:49	
Dibromochloromethane	ug/L	0.26U	0.50	06/03/14 09:49	
Dibromomethane	ug/L	0.50U	1.0	06/03/14 09:49	
Ethylbenzene	ug/L	0.50U	1.0	06/03/14 09:49	
Iodomethane	ug/L	0.50U	1.0	06/03/14 09:49	
Methylene Chloride	ug/L	2.5U	5.0	06/03/14 09:49	
Styrene	ug/L	0.50U	1.0	06/03/14 09:49	
Tetrachloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
Toluene	ug/L	0.50U	1.0	06/03/14 09:49	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

METHOD BLANK: 918221 Matrix: Water

Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009, 35139867010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/03/14 09:49	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/03/14 09:49	
Trichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/03/14 09:49	
Vinyl acetate	ug/L	1.0U	2.0	06/03/14 09:49	
Vinyl chloride	ug/L	0.50U	1.0	06/03/14 09:49	
Xylene (Total)	ug/L	0.68 I	1.0	06/03/14 09:49	
1,2-Dichloroethane-d4 (S)	%	91	86-125	06/03/14 09:49	
4-Bromofluorobenzene (S)	%	90	70-114	06/03/14 09:49	
Toluene-d8 (S)	%	97	87-113	06/03/14 09:49	

LABORATORY CONTROL SAMPLE: 918222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.0	100	70-130	
1,1,1-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	103	70-130	
1,1,2-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1-Dichloroethane	ug/L	20	17.8	89	70-130	
1,1-Dichloroethene	ug/L	20	18.0	90	70-130	
1,2,3-Trichloropropane	ug/L	20	20.4	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.7	88	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	21.1	105	70-130	
1,2-Dichloroethane	ug/L	20	18.1	91	70-130	
1,2-Dichloropropane	ug/L	20	18.3	91	70-130	
1,4-Dichlorobenzene	ug/L	20	21.0	105	70-130	
2-Butanone (MEK)	ug/L	40	32.0	80	55-167	
2-Hexanone	ug/L	40	34.4	86	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	30.9	77	70-130	
Acetone	ug/L	40	33.8	84	40-150	
Acrylonitrile	ug/L	200	173	87	70-130	
Benzene	ug/L	20	18.8	94	70-130	
Bromochloromethane	ug/L	20	21.8	109	70-130	
Bromodichloromethane	ug/L	20	19.5	98	70-130	
Bromoform	ug/L	20	18.0	90	68-130	
Bromomethane	ug/L	20	17.2	86	38-179	
Carbon disulfide	ug/L	20	22.7	113	51-155	
Carbon tetrachloride	ug/L	20	20.3	102	70-130	
Chlorobenzene	ug/L	20	20.7	103	70-130	
Chloroethane	ug/L	20	17.9	90	59-149	
Chloroform	ug/L	20	19.5	98	70-130	
Chloromethane	ug/L	20	13.3	66	68-130	J(L0)

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

LABORATORY CONTROL SAMPLE: 918222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Dibromochloromethane	ug/L	20	20.3	101	70-130	
Dibromomethane	ug/L	20	18.3	92	70-130	
Ethylbenzene	ug/L	20	20.3	101	70-130	
Iodomethane	ug/L	40	42.7	107	43-160	
Methylene Chloride	ug/L	20	16.5	83	70-130	
Styrene	ug/L	20	19.3	96	70-130	
Tetrachloroethene	ug/L	20	17.6	88	66-133	
Toluene	ug/L	20	20.7	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.3	106	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.7	89	65-130	
Trichloroethene	ug/L	20	19.8	99	70-130	
Trichlorofluoromethane	ug/L	20	19.6	98	70-131	
Vinyl acetate	ug/L	20	20.0	100	69-135	
Vinyl chloride	ug/L	20	17.2	86	69-140	
Xylene (Total)	ug/L	60	62.4	104	70-130	
1,2-Dichloroethane-d4 (S)	%			96	86-125	
4-Bromofluorobenzene (S)	%			91	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 920440

Parameter	Units	35139867004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.3	102	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	20.3	101	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20.6	103	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.5	102	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	17.6	88	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	18.8	94	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	26.9	134	31-132	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20.3	102	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.9	100	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.3	102	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	17.3	87	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.2	91	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	20.2	101	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	30.6	77	48-138	
2-Hexanone	ug/L	5.0U	40	35.9	90	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	34.3	86	28-143	
Acetone	ug/L	10.0U	40	39.1	81	20-140	
Acrylonitrile	ug/L	5.0U	200	153	77	46-130	
Benzene	ug/L	0.10U	20	19.3	97	53-132	
Bromochloromethane	ug/L	0.50U	20	20.1	100	54-132	

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

MATRIX SPIKE SAMPLE: 920440

Parameter	Units	35139867004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	19.4	97	46-130	
Bromoform	ug/L	0.50U	20	18.8	94	32-130	
Bromomethane	ug/L	0.50U	20	12.0	60	20-152	
Carbon disulfide	ug/L	5.0U	20	23.7	117	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.4	102	37-137	
Chlorobenzene	ug/L	0.50U	20	21.2	106	46-130	
Chloroethane	ug/L	0.50U	20	18.3	92	48-159	
Chloroform	ug/L	0.50U	20	19.8	97	51-130	
Chloromethane	ug/L	0.62U	20	9.4	47	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	17.8	89	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.0	100	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.6	103	43-130	
Dibromomethane	ug/L	0.50U	20	18.4	92	50-130	
Ethylbenzene	ug/L	0.50U	20	20.6	103	43-130	
Iodomethane	ug/L	0.50U	40	34.0	85	20-169	
Methylene Chloride	ug/L	2.5U	20	16.3	82	51-135	
Styrene	ug/L	0.50U	20	20.1	100	40-130	
Tetrachloroethene	ug/L	0.50U	20	17.8	89	26-130	
Toluene	ug/L	0.50U	20	20.7	102	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.3	96	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20.6	103	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	19.0	95	20-139	
Trichloroethene	ug/L	0.50U	20	20.0	100	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	24.0	120	46-146	
Vinyl acetate	ug/L	1.0U	20	18.5	93	20-165	
Vinyl chloride	ug/L	0.50U	20	18.2	91	57-142	
Xylene (Total)	ug/L	0.50U	60	63.0	105	42-130	
1,2-Dichloroethane-d4 (S)	%				87	86-125	
4-Bromofluorobenzene (S)	%				95	70-114	
Toluene-d8 (S)	%				101	87-113	

SAMPLE DUPLICATE: 920439

Parameter	Units	35139867003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

SAMPLE DUPLICATE: 920439

Parameter	Units	35139867003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U			
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			
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	89	92	3		
4-Bromofluorobenzene (S)	%	93	93	.3		
Toluene-d8 (S)	%	101	101	.01		

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MSV/11880
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 35139867003

METHOD BLANK: 920456
Matrix: Water
Associated Lab Samples: 35139867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/05/14 09:23	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/05/14 09:23	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/05/14 09:23	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/05/14 09:23	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/05/14 09:23	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/05/14 09:23	
2-Hexanone	ug/L	5.0U	10.0	06/05/14 09:23	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/05/14 09:23	
Acetone	ug/L	10.0U	20.0	06/05/14 09:23	
Acrylonitrile	ug/L	5.0U	10.0	06/05/14 09:23	
Benzene	ug/L	0.10U	1.0	06/05/14 09:23	
Bromochloromethane	ug/L	0.50U	1.0	06/05/14 09:23	
Bromodichloromethane	ug/L	0.27U	0.60	06/05/14 09:23	
Bromoform	ug/L	0.50U	1.0	06/05/14 09:23	
Bromomethane	ug/L	0.50U	1.0	06/05/14 09:23	
Carbon disulfide	ug/L	5.0U	10.0	06/05/14 09:23	
Carbon tetrachloride	ug/L	0.50U	1.0	06/05/14 09:23	
Chlorobenzene	ug/L	0.50U	1.0	06/05/14 09:23	
Chloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
Chloroform	ug/L	0.50U	1.0	06/05/14 09:23	
Chloromethane	ug/L	0.62U	1.0	06/05/14 09:23	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/05/14 09:23	
Dibromochloromethane	ug/L	0.26U	0.50	06/05/14 09:23	
Dibromomethane	ug/L	0.50U	1.0	06/05/14 09:23	
Ethylbenzene	ug/L	0.50U	1.0	06/05/14 09:23	
Iodomethane	ug/L	0.50U	1.0	06/05/14 09:23	
m&p-Xylene	ug/L	0.50U	1.0	06/05/14 09:23	
Methylene Chloride	ug/L	2.5U	5.0	06/05/14 09:23	
o-Xylene	ug/L	0.50U	1.0	06/05/14 09:23	
Styrene	ug/L	0.50U	1.0	06/05/14 09:23	
Tetrachloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
Toluene	ug/L	0.50U	1.0	06/05/14 09:23	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/05/14 09:23	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

METHOD BLANK: 920456 Matrix: Water
Associated Lab Samples: 35139867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/05/14 09:23	
Trichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/05/14 09:23	
Vinyl acetate	ug/L	1.0U	2.0	06/05/14 09:23	
Vinyl chloride	ug/L	0.50U	1.0	06/05/14 09:23	
Xylene (Total)	ug/L	0.50U	1.0	06/05/14 09:23	
1,2-Dichloroethane-d4 (S)	%	103	86-125	06/05/14 09:23	
4-Bromofluorobenzene (S)	%	91	70-114	06/05/14 09:23	
Toluene-d8 (S)	%	99	87-113	06/05/14 09:23	

LABORATORY CONTROL SAMPLE: 920457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.2	111	70-130	
1,1,1-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.5	112	70-130	
1,1,2-Trichloroethane	ug/L	20	22.4	112	70-130	
1,1-Dichloroethane	ug/L	20	19.0	95	70-130	
1,1-Dichloroethene	ug/L	20	17.5	87	70-130	
1,2,3-Trichloropropane	ug/L	20	20.8	104	70-130	
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	19.1	95	70-130	
1,2-Dichloropropane	ug/L	20	20.5	103	70-130	
1,4-Dichlorobenzene	ug/L	20	20.5	103	70-130	
2-Butanone (MEK)	ug/L	40	47.6	119	55-167	
2-Hexanone	ug/L	40	43.9	110	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.5	101	70-130	
Acetone	ug/L	40	52.8	132	40-150	
Acrylonitrile	ug/L	200	202	101	70-130	
Benzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	22.2	111	70-130	
Bromodichloromethane	ug/L	20	20.5	103	70-130	
Bromoform	ug/L	20	18.8	94	68-130	
Bromomethane	ug/L	20	19.3	96	38-179	
Carbon disulfide	ug/L	20	21.3	106	51-155	
Carbon tetrachloride	ug/L	20	19.7	98	70-130	
Chlorobenzene	ug/L	20	21.5	108	70-130	
Chloroethane	ug/L	20	20.0	100	59-149	
Chloroform	ug/L	20	20.8	104	70-130	
Chloromethane	ug/L	20	15.8	79	68-130	
cis-1,2-Dichloroethene	ug/L	20	18.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.4	102	70-130	
Dibromochloromethane	ug/L	20	20.9	104	70-130	
Dibromomethane	ug/L	20	20.6	103	70-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

LABORATORY CONTROL SAMPLE: 920457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	21.3	106	70-130	
Iodomethane	ug/L	40	38.4	96	43-160	
m&p-Xylene	ug/L	40	42.7	107	70-130	
Methylene Chloride	ug/L	20	17.6	88	70-130	
o-Xylene	ug/L	20	21.3	107	70-130	
Styrene	ug/L	20	21.6	108	70-130	
Tetrachloroethene	ug/L	20	18.3	92	66-133	
Toluene	ug/L	20	21.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.8	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.5	108	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.4	87	65-130	
Trichloroethene	ug/L	20	20.9	104	70-130	
Trichlorofluoromethane	ug/L	20	19.5	97	70-131	
Vinyl acetate	ug/L	20	22.0	110	69-135	
Vinyl chloride	ug/L	20	17.5	88	69-140	
Xylene (Total)	ug/L	60	64.0	107	70-130	
1,2-Dichloroethane-d4 (S)	%			87	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 920615

Parameter	Units	35140554003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	22.5	112	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.6	108	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	21.9	110	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	22.0	110	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.0	100	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	19.1	95	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	22.7	113	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	21.5	108	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.8	94	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	21.5	107	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	21.1	103	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	44.7	112	48-138	
2-Hexanone	ug/L	5.0U	40	44.0	110	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	42.2	105	28-143	
Acetone	ug/L	12.5 I	40	56.8	111	20-140	
Acrylonitrile	ug/L	5.0U	200	189	95	46-130	
Benzene	ug/L	0.46 I	20	20.9	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.5	108	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.2	101	46-130	
Bromoform	ug/L	0.50U	20	18.6	93	32-130	
Bromomethane	ug/L	0.50U	20	16.4	82	20-152	
Carbon disulfide	ug/L	6.7 I	20	30.9	121	28-184	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

MATRIX SPIKE SAMPLE: 920615

Parameter	Units	35140554003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	0.50U	20	21.1	106	37-137	
Chlorobenzene	ug/L	0.50U	20	22.3	112	46-130	
Chloroethane	ug/L	0.50U	20	26.3	132	48-159	
Chloroform	ug/L	0.50U	20	21.3	106	51-130	
Chloromethane	ug/L	0.62U	20	20.0	100	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20.1	100	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.1	95	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.5	103	43-130	
Dibromomethane	ug/L	0.50U	20	22.0	110	50-130	
Ethylbenzene	ug/L	0.61 I	20	23.3	113	43-130	
Iodomethane	ug/L	0.50U	40	47.7	119	20-169	
m&p-Xylene	ug/L	0.96 I	40	46.2	113	40-130	
Methylene Chloride	ug/L	2.5U	20	16.5	82	51-135	
o-Xylene	ug/L	0.50U	20	23.5	115	45-130	
Styrene	ug/L	418	20	468	248	40-130	J(P6)
Tetrachloroethene	ug/L	0.50U	20	19.8	99	26-130	
Toluene	ug/L	0.50U	20	22.3	111	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.5	98	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.8	99	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.9	69	20-139	
Trichloroethene	ug/L	0.50U	20	22.9	115	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	27.1	136	46-146	
Vinyl acetate	ug/L	1.0U	20	19.0	95	20-165	
Vinyl chloride	ug/L	0.50U	20	24.4	122	57-142	
Xylene (Total)	ug/L	1.4	60	69.7	114	42-130	
1,2-Dichloroethane-d4 (S)	%				88	86-125	
4-Bromofluorobenzene (S)	%				110	70-114	
Toluene-d8 (S)	%				100	87-113	

SAMPLE DUPLICATE: 920614

Parameter	Units	35140554002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

SAMPLE DUPLICATE: 920614

Parameter	Units	35140554002 Result	Dup Result	RPD	Max RPD	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	14.9 I	14.9 I		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.65 I	0.69 I		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	11.2	11.3	.7	40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.64 I	0.65 I		40	
Iodomethane	ug/L	0.50U	0.50U		40	
m&p-Xylene	ug/L	1.1	1.1	2	40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
o-Xylene	ug/L	0.56 I	0.60 I		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	1.7	1.7	1	40	
1,2-Dichloroethane-d4 (S)	%	101	101	.08		
4-Bromofluorobenzene (S)	%	105	103	2		
Toluene-d8 (S)	%	100	100	.03		

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8 East Tower Circle
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(386)672-5668

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: OEXT/17537 | Analysis Method: EPA 8011
QC Batch Method: EPA 8011 | Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 917113 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	06/03/14 03:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	06/03/14 03:15	

LABORATORY CONTROL SAMPLE: 917114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.31	123	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 917115 917116

Parameter	Units	35139698004 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	0.0050 U	.44	.44	0.47	0.48	107	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.51	0.53	117	121	60-140	3	40	

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Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25268 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139867001, 35139867002, 35139867003

METHOD BLANK: 918059 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 11:00	

LABORATORY CONTROL SAMPLE: 918060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	315	105	90-110	

SAMPLE DUPLICATE: 918061

Parameter	Units	35139920001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	808	804	.5	20	

SAMPLE DUPLICATE: 918062

Parameter	Units	35140079004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3690	3620	2	20	

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Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25269 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 918063 Matrix: Water
Associated Lab Samples: 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 16:07	

LABORATORY CONTROL SAMPLE: 918064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 918065

Parameter	Units	35139867004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	288	301	4	20	

SAMPLE DUPLICATE: 918066

Parameter	Units	35140218060 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	476	466	2	20	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25293 | Analysis Method: SM 2540D
QC Batch Method: SM 2540D | Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 919219 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	5.0U	5.0	06/04/14 12:15	

LABORATORY CONTROL SAMPLE: 919220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	99.0	99	90-110	

SAMPLE DUPLICATE: 919221

Parameter	Units	35139748001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	5.0U		20	

SAMPLE DUPLICATE: 919222

Parameter	Units	35139862001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	104	96.0	8	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25222 | Analysis Method: SM 5210B
QC Batch Method: SM 5210B | Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 915685 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	2.0U	2.0	06/04/14 17:58	J(B4)

LABORATORY CONTROL SAMPLE: 915686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	166	84	85-115	J(B4),J(L0)

SAMPLE DUPLICATE: 915687

Parameter	Units	35139867002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	30.5	27.8	9	20	J(B4)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25221 | Analysis Method: SM10200
QC Batch Method: SM10200 | Analysis Description: Chlorophyll & Pheophytin
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 915677 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chlorophyll a	ug/L	1.0U	1.0	06/02/14 15:46	

SAMPLE DUPLICATE: 915678

Parameter	Units	35139833001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a	ug/L	27.2 mg/m3	27.7	2	40	

SAMPLE DUPLICATE: 915679

Parameter	Units	35139867006 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a	ug/L	25.5	24.7	3	40	

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36315 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005

METHOD BLANK: 916132 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/30/14 14:50	

LABORATORY CONTROL SAMPLE: 916133

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916134 916135

Parameter	Units	35139833002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.082	5	5	5.2	5.2	103	103	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916136 916137

Parameter	Units	35139865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.1	5.1	102	102	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36316 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916138 Matrix: Water
Associated Lab Samples: 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/31/14 01:32	

LABORATORY CONTROL SAMPLE: 916139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916140 916141

Parameter	Units	35139891001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	7.1	5	5	12.8	12.8	114	113	90-110	.7	20	J(M1), L

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36503 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 921600 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/06/14 15:26	

LABORATORY CONTROL SAMPLE: 921601

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.92	92	90-110	

MATRIX SPIKE SAMPLE: 921603

Parameter	Units	35139805001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.032 I	1	0.93	89	90-110	J(M1)

SAMPLE DUPLICATE: 921602

Parameter	Units	35139805001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.032 I	0.042 I		20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36370 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 917732 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.50	06/06/14 11:53	

LABORATORY CONTROL SAMPLE: 917733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	20	20.2	101	90-110	

MATRIX SPIKE SAMPLE: 917735

Parameter	Units	35139867001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	20	16.7	84	90-110	J(M1)

SAMPLE DUPLICATE: 917734

Parameter	Units	35139867001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.086U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36466 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 920499 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.050	06/05/14 14:28	

LABORATORY CONTROL SAMPLE: 920500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2	2.1	103	90-110	

MATRIX SPIKE SAMPLE: 920502

Parameter	Units	35139809001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	5.6	2	9.4	192	80-120	J(M1)

MATRIX SPIKE SAMPLE: 920504

Parameter	Units	35139867006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	2	1.8	89	80-120	

SAMPLE DUPLICATE: 920501

Parameter	Units	35139809001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	5.6	5.6	.4	20	

SAMPLE DUPLICATE: 920503

Parameter	Units	35139867006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.025U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36371 Analysis Method: EPA 365.4
QC Batch Method: EPA 365.4 Analysis Description: 365.4 Phosphorus
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 917738 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.10	06/06/14 12:17	

LABORATORY CONTROL SAMPLE: 917739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	4	4.0	101	90-110	

MATRIX SPIKE SAMPLE: 917741

Parameter	Units	35139867001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	4	3.7	91	80-120	

SAMPLE DUPLICATE: 917740

Parameter	Units	35139867001 Result	Dup Result	RPD	Max RPD	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.050U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36414 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 919241 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	12.5U	20.0	06/05/14 14:29	

LABORATORY CONTROL SAMPLE: 919242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	548	110	90-110	

MATRIX SPIKE SAMPLE: 919244

Parameter	Units	35139833001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	25.5	500	489	93	90-110	

SAMPLE DUPLICATE: 919243

Parameter	Units	35139833001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	25.5	22.7	12	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36373 | Analysis Method: SM 5310B
QC Batch Method: SM 5310B | Analysis Description: 5310B TOC
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 918080 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.50U	1.0	06/05/14 01:52	

LABORATORY CONTROL SAMPLE: 918081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	20	19.4	97	90-110	

MATRIX SPIKE SAMPLE: 918083

Parameter	Units	35139812001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	0.50U	20	17.1	86	80-120	

MATRIX SPIKE SAMPLE: 918085

Parameter	Units	35139867002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	40.5	20	58.7	91	80-120	

SAMPLE DUPLICATE: 918082

Parameter	Units	35139812001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.50U	0.50U		20	

SAMPLE DUPLICATE: 918084

Parameter	Units	35139867002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	40.5	42.2	4	20	

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QUALIFIERS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

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-A	Pace Analytical Services - Asheville
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.
B	Results based upon colony counts outside the acceptable range.
J(B4)	Estimated value. The glucose/glutamic acid standard exceeded the range of 198 plus or minus 30.5 mg/L.
J(L0)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
J(L2)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(P6)	Estimated Value. Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
L	Off-scale high. Actual value is known to be greater than value given.
Z	Too many colonies were present (TNTC); the numeric value represents the estimated colony counts from the highest dilution used in this test.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867002	**SW3**		FLD/		
35139867003	**SW2**		FLD/		
35139867004	**SW2 Dup**		FLD/		
35139867005	**SW4**		FLD/		
35139867006	**SW5**		FLD/		
35139867007	**SW11**		FLD/		
35139867008	**SW12**		FLD/		
35139867009	**SW1**		FLD/		
35139867001	**EQ Blank 2 5/29/14**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867002	**SW3**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867003	**SW2**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867004	**SW2 Dup**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867005	**SW4**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867006	**SW5**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867007	**SW11**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867008	**SW12**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867009	**SW1**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867001	**EQ Blank 2 5/29/14**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867002	**SW3**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867003	**SW2**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867004	**SW2 Dup**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867005	**SW4**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867006	**SW5**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867007	**SW11**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867008	**SW12**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867009	**SW1**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867001	**EQ Blank 2 5/29/14**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867002	**SW3**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867003	**SW2**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867004	**SW2 Dup**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867005	**SW4**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867006	**SW5**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867007	**SW11**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867008	**SW12**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867009	**SW1**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867001	**EQ Blank 2 5/29/14**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867002	**SW3**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867003	**SW2**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867004	**SW2 Dup**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867005	**SW4**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867006	**SW5**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867007	**SW11**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867008	**SW12**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867009	**SW1**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867001	**EQ Blank 2 5/29/14**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867002	**SW3**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867003	**SW2**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867004	**SW2 Dup**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867005	**SW4**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867006	**SW5**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867007	**SW11**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867008	**SW12**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867009	**SW1**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867001	**EQ Blank 2 5/29/14**	EPA 8260	MSV/11856		
35139867002	**SW3**	EPA 8260	MSV/11856		
35139867003	**SW2**	EPA 8260	MSV/11856		
35139867003	**SW2**	EPA 8260	MSV/11880		
35139867004	**SW2 Dup**	EPA 8260	MSV/11856		
35139867005	**SW4**	EPA 8260	MSV/11856		
35139867006	**SW5**	EPA 8260	MSV/11856		
35139867007	**SW11**	EPA 8260	MSV/11856		
35139867008	**SW12**	EPA 8260	MSV/11856		
35139867009	**SW1**	EPA 8260	MSV/11856		
35139867010	**Trip Blank 2 5/29/14**	EPA 8260	MSV/11856		
35139867001	**EQ Blank 2 5/29/14**	SM 2540C	WET/25268		
35139867002	**SW3**	SM 2540C	WET/25268		
35139867003	**SW2**	SM 2540C	WET/25268		
35139867004	**SW2 Dup**	SM 2540C	WET/25269		
35139867005	**SW4**	SM 2540C	WET/25269		
35139867006	**SW5**	SM 2540C	WET/25269		
35139867007	**SW11**	SM 2540C	WET/25269		
35139867008	**SW12**	SM 2540C	WET/25269		
35139867009	**SW1**	SM 2540C	WET/25269		
35139867001	**EQ Blank 2 5/29/14**	SM 2540D	WET/25293		
35139867002	**SW3**	SM 2540D	WET/25293		
35139867003	**SW2**	SM 2540D	WET/25293		
35139867004	**SW2 Dup**	SM 2540D	WET/25293		
35139867005	**SW4**	SM 2540D	WET/25293		
35139867006	**SW5**	SM 2540D	WET/25293		
35139867007	**SW11**	SM 2540D	WET/25293		
35139867008	**SW12**	SM 2540D	WET/25293		
35139867009	**SW1**	SM 2540D	WET/25293		
35139867001	**EQ Blank 2 5/29/14**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867002	**SW3**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867003	**SW2**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867004	**SW2 Dup**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867005	**SW4**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867006	**SW5**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867007	**SW11**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867008	**SW12**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867009	**SW1**	SM 5210B	WET/25222	SM 5210B	WET/25411

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867001	**EQ Blank 2 5/29/14**	SM10200	WET/25221	SM10200	WET/25227
35139867002	**SW3**	SM10200	WET/25221	SM10200	WET/25227
35139867003	**SW2**	SM10200	WET/25221	SM10200	WET/25227
35139867004	**SW2 Dup**	SM10200	WET/25221	SM10200	WET/25227
35139867005	**SW4**	SM10200	WET/25221	SM10200	WET/25227
35139867006	**SW5**	SM10200	WET/25221	SM10200	WET/25227
35139867007	**SW11**	SM10200	WET/25221	SM10200	WET/25227
35139867008	**SW12**	SM10200	WET/25221	SM10200	WET/25227
35139867009	**SW1**	SM10200	WET/25221	SM10200	WET/25227
35139867001	**EQ Blank 2 5/29/14**	TKN+NOx Calculation	WET/25375		
35139867002	**SW3**	TKN+NOx Calculation	WET/25375		
35139867003	**SW2**	TKN+NOx Calculation	WET/25375		
35139867004	**SW2 Dup**	TKN+NOx Calculation	WET/25375		
35139867005	**SW4**	TKN+NOx Calculation	WET/25375		
35139867006	**SW5**	TKN+NOx Calculation	WET/25375		
35139867007	**SW11**	TKN+NOx Calculation	WET/25375		
35139867008	**SW12**	TKN+NOx Calculation	WET/25375		
35139867009	**SW1**	TKN+NOx Calculation	WET/25375		
35139867001	**EQ Blank 2 5/29/14**	EPA 300.0	WETA/36315		
35139867002	**SW3**	EPA 300.0	WETA/36315		
35139867003	**SW2**	EPA 300.0	WETA/36315		
35139867004	**SW2 Dup**	EPA 300.0	WETA/36315		
35139867005	**SW4**	EPA 300.0	WETA/36315		
35139867006	**SW5**	EPA 300.0	WETA/36316		
35139867007	**SW11**	EPA 300.0	WETA/36316		
35139867008	**SW12**	EPA 300.0	WETA/36316		
35139867009	**SW1**	EPA 300.0	WETA/36316		
35139867001	**EQ Blank 2 5/29/14**	EPA 350.1	WETA/36503		
35139867002	**SW3**	EPA 350.1	WETA/36503		
35139867003	**SW2**	EPA 350.1	WETA/36503		
35139867004	**SW2 Dup**	EPA 350.1	WETA/36503		
35139867005	**SW4**	EPA 350.1	WETA/36503		
35139867006	**SW5**	EPA 350.1	WETA/36503		
35139867007	**SW11**	EPA 350.1	WETA/36503		
35139867008	**SW12**	EPA 350.1	WETA/36503		
35139867009	**SW1**	EPA 350.1	WETA/36503		
35139867001	**EQ Blank 2 5/29/14**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867002	**SW3**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867003	**SW2**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867004	**SW2 Dup**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867005	**SW4**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867006	**SW5**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867007	**SW11**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867008	**SW12**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867009	**SW1**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867001	**EQ Blank 2 5/29/14**	EPA 353.2	WETA/36466		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867002	**SW3**	EPA 353.2	WETA/36466		
35139867003	**SW2**	EPA 353.2	WETA/36466		
35139867004	**SW2 Dup**	EPA 353.2	WETA/36466		
35139867005	**SW4**	EPA 353.2	WETA/36466		
35139867006	**SW5**	EPA 353.2	WETA/36466		
35139867007	**SW11**	EPA 353.2	WETA/36466		
35139867008	**SW12**	EPA 353.2	WETA/36466		
35139867009	**SW1**	EPA 353.2	WETA/36466		
35139867001	**EQ Blank 2 5/29/14**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867002	**SW3**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867003	**SW2**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867004	**SW2 Dup**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867005	**SW4**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867006	**SW5**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867007	**SW11**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867008	**SW12**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867009	**SW1**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867001	**EQ Blank 2 5/29/14**	EPA 410.4	WETA/36414		
35139867002	**SW3**	EPA 410.4	WETA/36414		
35139867003	**SW2**	EPA 410.4	WETA/36414		
35139867004	**SW2 Dup**	EPA 410.4	WETA/36414		
35139867005	**SW4**	EPA 410.4	WETA/36414		
35139867006	**SW5**	EPA 410.4	WETA/36414		
35139867007	**SW11**	EPA 410.4	WETA/36414		
35139867008	**SW12**	EPA 410.4	WETA/36414		
35139867009	**SW1**	EPA 410.4	WETA/36414		
35139867001	**EQ Blank 2 5/29/14**	SM 5310B	WETA/36373		
35139867002	**SW3**	SM 5310B	WETA/36373		
35139867003	**SW2**	SM 5310B	WETA/36373		
35139867004	**SW2 Dup**	SM 5310B	WETA/36373		
35139867005	**SW4**	SM 5310B	WETA/36373		
35139867006	**SW5**	SM 5310B	WETA/36373		
35139867007	**SW11**	SM 5310B	WETA/36373		
35139867008	**SW12**	SM 5310B	WETA/36373		
35139867009	**SW1**	SM 5310B	WETA/36373		

Pace Analytical
www.pacelabs.com

WO#: 35139867

35139867

Page: 1 of 1

1764070

Section A
Required Client Information:

Company: VOLUSIA COUNTY SOLID WASTE
Address: 1990 TOMOKA FARMS RD
DAYTONA BEACH FL 32114
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B
Required Project Information:

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

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

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER SURFACE

Site Location
STATE:

Section D
Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): 624 VOC	Soil EDB	Solid metals	Nitrogen, Ammonia (NH_3)	COD, TP, TN	BOD, Nitrates, TSS	TOC	Chlorophyll A	Fecal coliform MF	1631 Low level Hg	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	WT	G			5-29-14	1157		13	5	1	1	5		1			X	X	X	X	X	X	X	X	X	X		
2	SW3						1217																						
3	SW2						1300																						
4	DUPLICATE						1300																						
5	SW4						1330																						
6	SW5						1400																						
7	SW11						1440																						
8	SW12						505																						
9	SW1						1535																						
10	TRIP BLANKS	WT	G			5-29-14	—		2				2					X											
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	MSA / PACE	5-29-14	1640		5/29/14	1640

SAMPLE CONDITIONS: Temp in °C: 1.3 (T160) | Received on Ice (Y/N): Y | Custody Sealed Cooler (Y/N): N | Samples Intact (Y/N): Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: MSA
DATE Signed (MM/DD/YY): 5-29-14

ORIGINAL

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

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

Chain of Custody

Pace Analytical®
www.pacelabs.com

Workorder: 35139867 **Workorder Name:** Tomoka Semi-annual S **Owner Received Date:** 5/29/2014 **Results Requested By:** 6/6/2014

Report To

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

Subcontract To

Pace Analytical Ashville
2225 Riverside Dr.
Asheville, NC 28804
Phone (828)254-7176

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Other						Requested Analysis: 1631-Low-Level Mercury - needs results and QC reported in ug/L												LAB USE ONLY
1	EQ	PS	5/29/2014 11:57	35139867001	Water	1						X												
2	SW3	PS	5/29/2014 12:17	35139867002	Water	1						X												
3	SW2	PS	5/29/2014 13:00	35139867003	Water	1						X												
4	Duplicate	PS	5/29/2014 13:00	35139867004	Water	1						X												
5	SW4	PS	5/29/2014 13:30	35139867005	Water	1						X												
6	SW5	PS	5/29/2014 14:00	35139867006	Water	1						X												
7	SW11	PS	5/29/2014 14:40	35139867007	Water	1						X												
8	SW12	PS	5/29/2014 15:05	35139867008	Water	1						X												
9	SW1	PS	5/29/2014 15:35	35139867009	Water	1						X												

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1				
2				
3				

Cooler Temperature on Receipt °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

Please E-Mail all results in a NELAC-Compliant Florida MDL PDF format to the PM listed above as soon as possible.

Pace Analytical®

BOTTLE ORDER # 29355

1/31/2014 2:39:19 PM

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

	Ship To:	Return To:
Contact: Ms. Jennifer Stirk	Contact: Ms. Jennifer Stirk	Contact:
Company: Volusia County Solid Waste Ma	Company: Volusia County Solid Waste Man	Lab Name: PACE - FL
Address: 1990 Tomoka Farms Road	Address: 1990 Tomoka Farms Road	Address: 8 East Tower Circle
City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Ormond Beach ,FL ,32174
Phone: Ext.	Phone: Ext.	Phone: (386) 672-5668 Ext.
Initiator: Jeff Baylor PM: JSB		

Proj. Description: Tomoka Semi annual S Quote Number: Profile Number:
Needs Bottles by: 05/01/2014 - Expected Date Ret: Shipping Method: Pace Field - Ormon

Return Shipping Labels
- ☐ No Shipper #
- ☐ With Shipper #

COC's
- ☑ Blank # 1
- ☐ Preprinted

Bottle Labels
- ☐ Blank
- ☐ Pre-Printed - With Sample IDs
- ☑ Pre-Printed - No Sample IDs

Bottles
- ☐ Boxed Cases
- ☐ Individually Wrapped
- ☑ Grouped By Sample ID / Matrix

Misc
- ☐ Sampling Instructions
- ☐ Custody Seal
- ☐ Temp. Blanks
- ☐ Coolers:
- ☐ Extra Bubble Wrap
- ☐ 10 mL Cut-Off Syringes
- ☐ Short Hold / Rush Stickers
- ☐ DI Water 0 Liter(s)

Trip Blank ☑

Qty	Total	Matrix	Method	BottleType	LotNumber	Note
9	27	Water	8260 Volatile Organic Compounds	3-40mL Clear Glass w/ HCl		
9	18	Water	8011 EDB	2-40mL Clear Glass Unpreserved		
9	9	Water	6010 Metals	1-250mL Plastic w/ HNO3		
9	9	Water	Nitrogen, Ammonia (NH3), COD, TP, TN	1-250mL Plastic w/ H2SO4		
9	9	Water	BOD, nitrate, TSS, TDS	1-1/2 gallon Plastic Unpreserved		
9	18	Water	TOC (Total Organic Carbon)	2-40mL Clear Glass w/ HCL		
9	9	Water	Chlorophyll A	1-1L Amber Plastic Unpreserved		
9	9	Water	Fecal Coliform MF	1-100mL Coliform w/ Sodium Thiosulfate Pellet		
1	2	Water	Trip Blank	2-40mL vials w/ HCl & DI Water		

RETURN WITH COC

Notes:

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing.

Shipped Date:
Shipped By:
Verified By:

Pace Analytical®

BOTTLE ORDER # 29355

1/31/2014 2:39:19 PM

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

	Ship To:	Return To:
Contact: Ms. Jennifer Stirk	Contact: Ms. Jennifer Stirk	Contact:
Company: Volusia County Solid Waste Ma	Company: Volusia County Solid Waste Man	Lab Name: PACE - FL
Address: 1990 Tomoka Farms Road	Address: 1990 Tomoka Farms Road	Address: 8 East Tower Circle
City, St, Zip: Daytona Beach , FL , 32124	City, St, Zip: Daytona Beach , FL , 32124	City, St, Zip: Ormond Beach , FL , 32174
Phone: Ext.	Phone: Ext.	Phone: (386) 672-5668 Ext.
Initiator: Jeff Baylor PM: JSB		

Proj. Description: Tomoka Semi annual S Quote Number: Profile Number:

Needs Bottles by: 05/01/2014 - Expected Date Ret: Shipping Method: Pace Field - Ormon

Return Shipping Labels
- ☐ No Shipper #
- ☐ With Shipper #

COC's
- ☑ Blank # 1
- ☐ Preprinted

Bottle Labels
- ☐ Blank
- ☐ Pre-Printed - With Sample IDs
- ☑ Pre-Printed - No Sample IDs

Bottles
- ☐ Boxed Cases
- ☐ Individually Wrapped
- ☑ Grouped By Sample ID / Matrix

Misc
- ☐ Sampling Instructions
- ☐ Coolers:
- ☐ Custody Seal
- ☐ Extra Bubble Wrap
- ☐ Short Hold / Rush Stickers
- ☐ Temp. Blanks
- ☐ 10 mL Cut-Off Syringes
- ☐ DI Water 0 Liter(s)

Trip Blank ☑

9	9	Water	1631 Low Level Mercury	1-500mL Clear Glass LLHg Unpreserved		

RETURN WITH COC

Notes:

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing.

Shipped Date:
Shipped By:
Verified By:

Pace Analytical

Pace Analytical Services, Inc. Florida Laboratory
8 E. Tower Circle, Ormond Beach, FL 32174

PACE FIELD SAMPLING WORK ORDER

Project Name: Tomoka LF semi-annual **Work Order #:** _____

Client: Volusia County

PACE Project Manager: Jeff **Date:** 1/31/2014

Profile: 1590 **Line Item:** 1 for GW, 2 for TB App I, 3 for SW

Sampling Location: Tomoka LF

Sampling Date: May 2014

Time to Report on Site: _____

Site Contact: Jennifer Stirk **Contact #:** 947-2952

Bottle order #: 29354 MW, 29355 SW

General Sampling Instructions: 54 GWs and 7 SWs need sampled. Be sure to check in at front office each day before beginning sampling. An EQ Blank, Field duplicate, and trip blank needs to be taken each day of sampling. Waterlevels and total well depths for all 54 GW wells need to be taken on a single day during event. Record waterlevel and well depth info on attached sheet along with staff gauge readings on SWs. Need to collect Leachate from Discharge pipe, not from tank.

Document on field sheets that purge water disposal is discharge to ground

QC SamplesTo Be Collected: (Check one or more)

Equipment Blank: X Trip Blank: X Field Blank: ____

Field Duplicate: X Matrix Spike: ____ _____: ____

Field Parameters Needed: (Check one or more)

pH: X Conductivity: X Turbidity: X Color/sheens: X

DO: X Temperature: X Waterlevels: X

Staff Gauge readings on SW: X Total Well depths: X

Miscellaneous Instructions or Notes: _____

FOR PACE FIELD TECH USE ONLY

	Sampling Start Time	Sampling Finish Time	Date
Field Tech 1:			
Field Tech 2:			
Field Tech 3:			
Field Tech 4:			

Pace Analytical Florida Laboratory	Document Name: Field Sampling Log	Date Revised: December 3, 2012
	Document Number: F-FL-C-022 rev.00	Issuing Authority: Pace Florida Quality Office

Field Sampling Log

Arrived on Site Date 5-29-14 Time: Departed Site Time:

Sampler's Signature [signature] Sampler's Name MARK GILBERT

CLIENT NAME: VOLUSIA COUNTY SOLID WASTE PROJECT NAME: TOMOKA SEMI SURFACE WATERS

CLIENT CONTACT: JENNIFER STARK SITE CONTACT: JENNIFER STARK

Personnel on Site: MARK GILBERT

SITE Location: TOMOKA LAND FILL

Ambient Conditions: SUNNY 85°F WINDY

Brief Description of Field Activities: COLLECTED SAMPLES FROM SURFACE WATERS W/ DIPPING POLE

Field Equipment Used: DIPPING POLE, YSI 556, 2020 TURBIDIMETER

Decon Procedures: (Yes) / No If Yes. Please Describe RINSED POLE W/DI WATER

Field Filtering: Yes (No) If Yes. Please Describe

Sample Matrix: DW GW WW SU STW SO SE ML Other: SURFACE WATERS

Physical Characteristics of Sample :

Sampling Method: GRAB X COMPOSITE

For Composite Sampling; Document Sampling Procedure for Collecting a Representative Sample:

QC Blanks: Precleaned EQB Field Cleaned EQB

Field Blanks Trip Blanks X QC Samples: X Duplicate X Replicate Samples

Split Samples(explain) SHEEN

Sx. Location	Date and Time		Parameters	Appearance	Odor	pH	Temp °C	Conductivity	DO	Turbidity
EQ	5-29-14	1157								
SW3		1217	NONE	YELLOW	NONE	6.38	22.34	201	0.63	41.5
SW2		1300	NONE	YELLOW	NONE	7.43	31.58	438	6.06	1.01
DUPLICATE		1300	NONE	YELLOW	NONE	7.43	31.58	438	6.06	1.01
SW4		1330	NONE	YELLOW	NONE	7.17	28.69	434	3.77	0.70
SW5		1400	NONE	YELLOW	NONE	8.24	32.36	415	10.75	7.76

Calibration of Meters

Meter	Y / N	Standard	Slope	Variance	Value

ORP 14.8
ORP 125.0
ORP 125.0
ORP 75.5
ORP 35.6

Other Notation's or Anomalies:

Pace Analytical Florida Laboratory	Document Name: Field Sampling Log	Date Revised: December 3, 2012
	Document Number: F-FL-C-022 rev.00	Issuing Authority: Pace Florida Quality Office

Field Sampling Log

Arrived on Site Date 5.29.14 Time: Departed Site Time:

Sampler's Signature [signature] Sampler's Name MARK GILBERT

CLIENT NAME: VOLUSIA COUNTY SOLID WASTE PROJECT NAME: TOMOKA SEMI SURFACE WATERS

CLIENT CONTACT: JENNIFER STARK SITE CONTACT:

Personnel on Site: MARK GILBERT

SITE Location: TOMOKA LAND FILL

Ambient Conditions: SUNNY, 85°F, WINDY

Brief Description of Field Activities: COLLECTED SURFACE WATER SAMPLES W/ DIPPING POLE

Field Equipment Used: YSI 556, 2020 TURBIDIMETER, DIPPING POLE

Decon Procedures: (Yes) / No If Yes. Please Describe RINSED DIPPING POLE W/ DI WATER

Field Filtering: Yes / (No) If Yes. Please Describe

Sample Matrix: DW GW WW SU STW SO SE ML Other: SURFACE WATER

Physical Characteristics of Sample :

Sampling Method: GRAB X COMPOSITE

For Composite Sampling; Document Sampling Procedure for Collecting a Representative Sample:

QC Blanks: Precleaned EQB Field Cleaned EQB

Field Blanks Trip Blanks X QC Samples: X Duplicate X Replicate Samples

Split Samples(explain) SYEEN

Sx. Location	Date and Time		~~Parameters~~	Appearance	Odor	pH	Temp °C	Conductivity	DO	Turbidity
SW 11	5-29-14	1440	NONE	YELLOW	NONE	7.48	29.56	410	6.00	1.69
SW 12	5-29-14	1505	NONE	CLEAR	NONE	8.06	30.42	501	7.20	1.76
SW 1	5-29-14	1535	NONE	CLEAR	NONE	6.88	30.65	114	6.39	0.33

Calibration of Meters

Meter	Y / N	Standard	Slope	Variance	Value

ORP 109.1
ORP 158.0
ORP 169.0

Other Notation's or Anomalies:

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 3513918607

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

Tracking # _____

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

Date and Initials of person examining contents: _____ TH

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

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

Cooler Temperature °C 1.4 (Visual) -0.1 (Correction Factor) 1.3 (Actual)

0.7 -0.1 0.6
0.5 -0.1 0.4

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: 1/22

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: _____

FIELD INSTRUMENT CALIBRATION LOGS

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☒ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	100% SAT AIR			
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-19-14	0613	A	9.314	9.309		N	CCV	MS
5-20-14	0619	A	8.985	8.985		N	CCV	MS
5-21-14	0635	A	9.175	9.178		N	CCV	MS
5-22-14	0647	A	8.915	8.905		N	CCV	MS
5-23-14	0647	A	8.660	8.662		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☒ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	147	PWC-14582	5-7-2014	11-3-2014
Standard B:	1413	PWC-14581	5-7-2014	11-3-2014
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-14-14	0615	A	147	144		N	CCV	MS
5-14-14	0616	B	1413	1421		N	CCV	MS
5-20-14	0620	A	147	143		N	CCV	MS
5-20-14	0622	ms ~~A~~ B	1413	1419		N	CCV	MS
5-21-14	0636	A	147	145		N	CCV	MS
5-21-14	0637	B	1413	1419		N	CCV	MS
5-22-14	0648	A	147	144		N	CCV	MS
5-22-14	0650	B	1413	1420		N	CCV	MS
5-23-14	0649	A	147	144		N	CCV	MS
5-23-14	0650	B	1413	1414		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☒ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	7.00	1WL 2703	12-9-2013	6-1-2015
Standard B:	4.00	1WL 2702	12-9-2013	6-1-2015
Standard C:	10.00	1WL 3149	4-28-2014	2-1-2016

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-19-14	0620	A	7.00	7.03		N	CCV	MS
5-19-14	0623	B	4.00	4.07		N	CCV	MS
5-19-14	0626	C	10.00	10.01		N	CCV	MS
5-20-14	0624	A	7.00	7.04		N	CCV	MS
5-20-14	0627	B	4.00	4.09		N	CCV	MS
5-20-14	0629	C	10.00	10.03		N	CCV	MS
5-21-14	0641	A	7.00	7.04		N	CCV	MS
5-21-14	0643	B	4.00	4.08		N	CCV	MS
5-21-14	0646	C	10.00	10.03		N	CCV	MS
5-22-14	0653	A	7.00	7.06		N	CCV	MS
5-22-14	0655	B	4.00	4.09		N	CCV	MS
5-22-14	0658	C	10.00	10.04		N	CCV	MS
5-23-14	0653	A	7.00	7.05		N	CCV	MS
5-23-14	0655	B	4.00	4.09		N	CCV	MS
5-23-14	0658	C	10.00	10.00		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☒ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	240 REDOX SOLUTION	PWL 11473	9-5-2013	9-5-2014
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-17-14	0703	A	238.8	238.8		Y	IC	MS
5-17-14	0708	A	238.8	239.1		N	ICV	MS
~~5-18~~ 5-19-14	0629	A	238.8	240.3		N	CCV	MS
5-20-14	0632	A	236.2	237.6		N	CCV	MS
5-21-14	0648	A	237.5	239.1		N	CCV	MS
5-22-14	0700	A	236.2	236.0		N	CCV	MS
5-23-14	0700	A	234.9	234.7		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) 2020 TURBIDIMETER **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☒ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	1.00 NTU	IWC 3150	4-28-2014	2-1-2015
Standard B:	10.00 NTU	IEX 2148	5-13-2014	4-1-2015
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-19-14	0630	A	1.00	1.00		N	CCV	MS
5-19-14	0631	B	10.00	10.03		N	CCV	MS
5-20-14	0633	A	1.00	0.99		N	CCV	MS
5-20-14	0633	B	10.00	10.24		N	CCV	MS
5-21-14	0649	A	1.00	1.03		N	CCV	MS
5-21-14	0650	B	10.00	10.29		N	CCV	MS
5-22-14	0703	A	1.00	1.01		N	CCV	MS
5-22-14	0703	B	10.00	10.26		N	CCV	MS
5-23-14	0701	A	1.00	1.00		N	CCV	MS
5-23-14	0702	B	10.00	10.04		N	CCV	MS

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☒ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	100% SAT AIR			
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0611	A	9.165	9.170		N	CCV	MS
5-28-14	0631	A	8.846	8.856		N	CCV	MS
5-29-14	0624	A	8.693	8.692		N	CCV	MS
5-30-14	0743	A	8.710	8.706		N	CCV	MS
~~6-6-14~~	~~9 55~~	~~A~~						

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☒ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	147	PWC-14582	5-7-2014	11-3-2014
Standard B:	1413	PWC-14501	5-7-2014	11-3-2014
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0612	A	147	145		N	CCV	MS
5-27-14	0613	B	1413	1423		N	CCV	MS
5-28-14	0632	A	147	144		N	CCV	MS
5-28-14	0633	B	1413	1423		N	CCV	MS
5-29-14	0625	A	147	145		N	CCV	MS
5-29-14	0626	B	1413	1423		N	CCV	MS
5-30-14	0746	A	147	144		N	CCV	MS
5-30-14	0748	B	1413	1424		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☒ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	7.00	IWC 2703	12-9-2013	6-1-2015
Standard B:	4.00	IWC 2702	12-9-2013	6-1-2015
Standard C:	10.00	IWC 3149	4-28-2014	2-1-2016

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0617	A	7.00	7.05		N	CCV	MS
5-27-14	0620	B	4.00	4.09		N	CCV	MS
5-27-14	0622	C	10.00	10.04		N	CCV	MS
5-28-14	0636	A	7.00	7.06		N	CCV	MS
5-28-14	0639	B	4.00	4.11		N	CCV	MS
5-28-14	0642	C	10.00	10.02		N	CCV	MS
5-29-14	0629	A	7.00	7.07		N	CCV	MS
5-29-14	0632	B	4.00	4.11		N	CCV	MS
5-29-14	0635	C	10.00	10.02		N	CCV	MS
5-30-14	0750	A	7.00	7.08		N	CCV	MS
5-30-14	0752	B	4.00	4.14		N	CCV	MS
5-30-14	0754	C	10.00	10.05		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☒ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	ZOBELLS SOLUTION	PWC 11473	9-5-2013	9-5-2014
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0624	A	237.5	239.2		N	CCV	MS
5-28-14	0646	A	236.2	235.5		N	CCV	MS
5-29-14	0636	A	234.9	235.8		N	CCV	MC
5-30-14	0758	A	234.9	234.8		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) 2020 TURBIDIMETER **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☒ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	1.00NTU	IWC 3150	4-28-2014	2-1-2015
Standard B:	10.00NTU	IEX 2148	5-15-2014	4-1-2015
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0626	A	1.00	0.97		N	CCV	MS
5-27-14	0627	B	10.00	10.33		N	CCV	MS
5-28-14	0649	A	1.00	0.96		N	CCV	MS
5-28-14	0650	B	10.00	10.22		N	CCV	MS
5-29-14	0639	A	1.00	0.99		N	CCV	MS
5-29-14	0639	B	10.00	10.05		N	CCV	MS
5-30-14	0800	A	1.00	0.97		N	CCV	MS
5-30-14	0801	B	10.00	10.07		N	CCV	MS

Notes: _____

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

June 02, 2014

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

RE: Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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

CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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

SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139338001	**EQ Blank 5/23/14**	Water	05/23/14 08:55	05/23/14 17:51
35139338002	**B44**	Water	05/23/14 09:30	05/23/14 17:51
35139338003	**B44 Dup**	Water	05/23/14 09:30	05/23/14 17:51
35139338004	**B75**	Water	05/23/14 10:06	05/23/14 17:51
35139338005	**B60**	Water	05/23/14 10:52	05/23/14 17:51
35139338006	**B59-1R**	Water	05/23/14 11:41	05/23/14 17:51
35139338007	**B59-2R**	Water	05/23/14 12:05	05/23/14 17:51
35139338008	**B68**	Water	05/23/14 12:50	05/23/14 17:51
35139338009	**B8**	Water	05/23/14 13:45	05/23/14 17:51
35139338010	**B8-2**	Water	05/23/14 14:22	05/23/14 17:51
35139338011	**B11**	Water	05/23/14 14:58	05/23/14 17:51
35139338012	**B33-1**	Water	05/23/14 15:53	05/23/14 17:51
35139338013	**B33-2**	Water	05/23/14 16:17	05/23/14 17:51
35139338014	**B32**	Water	05/23/14 17:05	05/23/14 17:51
35139338015	**Trip Blank 5/23/14**	Water	05/23/14 00:00	05/23/14 17:51

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139338001	**EQ Blank 5/23/14**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338002	**B44**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338003	**B44 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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338004	**B75**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338005	**B60**	EPA 8011	IRL	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338006	**B59-1R**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338007	**B59-2R**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338008	**B68**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338009	**B8**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338010	**B8-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338011	**B11**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338012	**B33-1**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338013	**B33-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338014	**B32**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139338015	**Trip Blank 5/23/14**	EPA 8260	SK	50	PASI-O

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338002	**B44**					
	Field pH	5.41	Std. Units		05/23/14 09:30	
	Field Temperature	21.91	deg C		05/23/14 09:30	
	Appearance	Color: none, Sheen: none			05/23/14 09:30	
	Field Specific Conductance	171	umhos/cm		05/23/14 09:30	
	Oxygen, Dissolved	0.49	mg/L		05/23/14 09:30	
	REDOX	112.2	mV		05/23/14 09:30	
	Turbidity	3.93	NTU		05/23/14 09:30	
	Water Level(NGVD)	23.82	feet		05/23/14 09:30	
EPA 6010	Barium	21.7	ug/L	10.0	05/31/14 19:11	
EPA 6010	Iron	9220	ug/L	40.0	05/31/14 19:11	
EPA 6010	Sodium	15.8	mg/L	1.0	05/31/14 19:11	
SM 2540C	Total Dissolved Solids	132	mg/L	5.0	05/30/14 17:53	
EPA 300.0	Chloride	33.7	mg/L	5.0	05/24/14 14:16	
EPA 300.0	Sulfate	13.2	mg/L	5.0	05/24/14 14:16	
35139338003	**B44 Dup**					
	Field pH	5.41	Std. Units		05/23/14 09:30	
	Field Temperature	21.91	deg C		05/23/14 09:30	
	Appearance	Color: none, Sheen: none			05/23/14 09:30	
	Field Specific Conductance	171	umhos/cm		05/23/14 09:30	
	Oxygen, Dissolved	0.49	mg/L		05/23/14 09:30	
	REDOX	112.2	mV		05/23/14 09:30	
	Turbidity	3.93	NTU		05/23/14 09:30	
	Water Level(NGVD)	23.82	feet		05/23/14 09:30	
EPA 6010	Barium	21.5	ug/L	10.0	05/31/14 19:14	
EPA 6010	Iron	8990	ug/L	40.0	05/31/14 19:14	
EPA 6010	Sodium	15.8	mg/L	1.0	05/31/14 19:14	
EPA 6010	Vanadium	5.4 I	ug/L	10.0	05/31/14 19:14	
SM 2540C	Total Dissolved Solids	142	mg/L	5.0	05/30/14 17:53	
EPA 300.0	Chloride	33.6	mg/L	5.0	05/24/14 14:38	
EPA 300.0	Sulfate	13.3	mg/L	5.0	05/24/14 14:38	
35139338004	**B75**					
	Field pH	6.37	Std. Units		05/23/14 10:06	
	Field Temperature	24.46	deg C		05/23/14 10:06	
	Appearance	Color: yellow, Sheen: none			05/23/14 10:06	
	Field Specific Conductance	1250	umhos/cm		05/23/14 10:06	
	Oxygen, Dissolved	0.27	mg/L		05/23/14 10:06	
	REDOX	-71.7	mV		05/23/14 10:06	
	Turbidity	7.50	NTU		05/23/14 10:06	
	Water Level(NGVD)	23.12	feet		05/23/14 10:06	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338004	**B75**					
EPA 6010	Arsenic	12.3	ug/L	10.0	05/31/14 19:18	
EPA 6010	Barium	113	ug/L	10.0	05/31/14 19:18	
EPA 6010	Iron	45400	ug/L	40.0	05/31/14 19:18	
EPA 6010	Sodium	53.6	mg/L	1.0	05/31/14 19:18	
EPA 6010	Vanadium	5.7 I	ug/L	10.0	05/31/14 19:18	
SM 2540C	Total Dissolved Solids	756	mg/L	5.0	05/30/14 17:53	
EPA 300.0	Chloride	64.1	mg/L	10.0	05/24/14 17:08	
EPA 300.0	Sulfate	8.8 I	mg/L	10.0	05/24/14 17:08	
EPA 350.1	Nitrogen, Ammonia	1.6	mg/L	0.050	05/31/14 15:34	
35139338005	**B60**					
	Field pH	6.57	Std. Units		05/23/14 10:52	
	Field Temperature	25.43	deg C		05/23/14 10:52	
	Appearance	Color: yellow, Sheen: none			05/23/14 10:52	
	Field Specific Conductance	548	umhos/cm		05/23/14 10:52	
	Oxygen, Dissolved	0.23	mg/L		05/23/14 10:52	
	REDOX	-57.5	mV		05/23/14 10:52	
	Turbidity	0.22	NTU		05/23/14 10:52	
	Water Level(NGVD)	21.99	feet		05/23/14 10:52	
EPA 6010	Barium	80.1	ug/L	10.0	05/31/14 19:33	
EPA 6010	Iron	4550	ug/L	40.0	05/31/14 19:33	
EPA 6010	Sodium	53.4	mg/L	1.0	05/31/14 19:33	
SM 2540C	Total Dissolved Solids	349	mg/L	5.0	05/30/14 17:54	
EPA 300.0	Chloride	64.8	mg/L	5.0	05/24/14 17:29	
EPA 350.1	Nitrogen, Ammonia	1.2	mg/L	0.050	05/31/14 15:35	
35139338006	**B59-1R**					
	Field pH	6.74	Std. Units		05/23/14 11:41	
	Field Temperature	26.03	deg C		05/23/14 11:41	
	Appearance	Color: yellow, Sheen: none			05/23/14 11:41	
	Field Specific Conductance	649	umhos/cm		05/23/14 11:41	
	Oxygen, Dissolved	0.21	mg/L		05/23/14 11:41	
	REDOX	-93.6	mV		05/23/14 11:41	
	Turbidity	0.28	NTU		05/23/14 11:41	
	Water Level(NGVD)	21.22	feet		05/23/14 11:41	
EPA 6010	Barium	63.7	ug/L	10.0	05/31/14 19:37	
EPA 6010	Iron	5120	ug/L	40.0	05/31/14 19:37	
EPA 6010	Sodium	56.8	mg/L	1.0	05/31/14 19:37	
SM 2540C	Total Dissolved Solids	416	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	66.7	mg/L	5.0	05/24/14 17:50	
EPA 300.0	Sulfate	4.6 I	mg/L	5.0	05/24/14 17:50	
EPA 350.1	Nitrogen, Ammonia	0.74	mg/L	0.050	05/31/14 15:36	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338007	**B59-2R**					
	Field pH	6.70	Std. Units		05/23/14 12:05	
	Field Temperature	26.30	deg C		05/23/14 12:05	
	Appearance	Color: yellow, Sheen: none			05/23/14 12:05	
	Field Specific Conductance	751	umhos/cm		05/23/14 12:05	
	Oxygen, Dissolved	0.22	mg/L		05/23/14 12:05	
	REDOX	-81.2	mV		05/23/14 12:05	
	Turbidity	8.69	NTU		05/23/14 12:05	
	Water Level(NGVD)	21.09	feet		05/23/14 12:05	
EPA 6010	Barium	81.8	ug/L	10.0	05/31/14 19:41	
EPA 6010	Iron	6030	ug/L	40.0	05/31/14 19:41	
EPA 6010	Sodium	33.4	mg/L	1.0	05/31/14 19:41	
SM 2540C	Total Dissolved Solids	513	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	21.9	mg/L	5.0	05/24/14 18:12	
EPA 300.0	Sulfate	55.5	mg/L	5.0	05/24/14 18:12	
EPA 350.1	Nitrogen, Ammonia	0.38	mg/L	0.050	05/31/14 15:39	
35139338008	**B68**					
	Field pH	5.89	Std. Units		05/23/14 12:50	
	Field Temperature	25.65	deg C		05/23/14 12:50	
	Appearance	Color: yellow, Sheen: none			05/23/14 12:50	
	Field Specific Conductance	819	umhos/cm		05/23/14 12:50	
	Oxygen, Dissolved	0.10	mg/L		05/23/14 12:50	
	REDOX	-12.2	mV		05/23/14 12:50	
	Turbidity	0.58	NTU		05/23/14 12:50	
	Water Level(NGVD)	23.43	feet		05/23/14 12:50	
EPA 6010	Barium	134	ug/L	10.0	05/31/14 19:45	
EPA 6010	Iron	27200	ug/L	40.0	05/31/14 19:45	
EPA 6010	Sodium	25.8	mg/L	1.0	05/31/14 19:45	
SM 2540C	Total Dissolved Solids	585	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	35.8	mg/L	5.0	05/24/14 18:33	
EPA 300.0	Sulfate	41.4	mg/L	5.0	05/24/14 18:33	
EPA 350.1	Nitrogen, Ammonia	0.86	mg/L	0.050	05/31/14 15:40	
35139338009	**B8**					
	Field pH	6.53	Std. Units		05/23/14 13:45	
	Field Temperature	27.14	deg C		05/23/14 13:45	
	Appearance	Color: yellow, Sheen: none			05/23/14 13:45	
	Field Specific Conductance	688	umhos/cm		05/23/14 13:45	
	Oxygen, Dissolved	1.12	mg/L		05/23/14 13:45	
	REDOX	-20.6	mV		05/23/14 13:45	
	Turbidity	0.47	NTU		05/23/14 13:45	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338009	**B8**					
	Water Level(NGVD)	19.17	feet		05/23/14 13:45	
EPA 6010	Barium	38.4	ug/L	10.0	05/31/14 19:48	
EPA 6010	Iron	1910	ug/L	40.0	05/31/14 19:48	
EPA 6010	Sodium	37.6	mg/L	1.0	05/31/14 19:48	
SM 2540C	Total Dissolved Solids	483	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	79.8	mg/L	5.0	05/24/14 18:55	
EPA 300.0	Sulfate	10.5	mg/L	5.0	05/24/14 18:55	
EPA 350.1	Nitrogen, Ammonia	0.16	mg/L	0.050	05/31/14 15:41	
35139338010	**B8-2**					
	Field pH	5.21	Std. Units		05/23/14 14:22	
	Field Temperature	25.83	deg C		05/23/14 14:22	
	Appearance	Color: none, Sheen: none			05/23/14 14:22	
	Field Specific Conductance	1300	umhos/cm		05/23/14 14:22	
	Oxygen, Dissolved	0.13	mg/L		05/23/14 14:22	
	REDOX	78.2	mV		05/23/14 14:22	
	Turbidity	5.09	NTU		05/23/14 14:22	
	Water Level(NGVD)	27.00	feet		05/23/14 14:22	
EPA 6010	Barium	226	ug/L	10.0	05/31/14 19:52	
EPA 6010	Iron	41600	ug/L	40.0	05/31/14 19:52	
EPA 6010	Sodium	55.3	mg/L	1.0	05/31/14 19:52	
EPA 6010	Vanadium	10.4	ug/L	10.0	05/31/14 19:52	
SM 2540C	Total Dissolved Solids	1130	mg/L	5.0	05/30/14 17:55	
EPA 300.0	Chloride	335	mg/L	100	05/30/14 07:21	
EPA 300.0	Sulfate	37.0	mg/L	10.0	05/24/14 19:59	
EPA 350.1	Nitrogen, Ammonia	0.085	mg/L	0.050	05/31/14 15:42	
35139338011	**B11**					
	Field pH	5.08	Std. Units		05/23/14 14:58	
	Field Temperature	26.59	deg C		05/23/14 14:58	
	Appearance	Color: yellow, Sheen: none			05/23/14 14:58	
	Field Specific Conductance	164	umhos/cm		05/23/14 14:58	
	Oxygen, Dissolved	0.25	mg/L		05/23/14 14:58	
	REDOX	73.4	mV		05/23/14 14:58	
	Turbidity	0.50	NTU		05/23/14 14:58	
	Water Level(NGVD)	26.13	feet		05/23/14 14:58	
EPA 6010	Barium	60.1	ug/L	10.0	05/31/14 19:56	
EPA 6010	Beryllium	0.52 I	ug/L	1.0	05/31/14 19:56	
EPA 6010	Chromium	3.3 I	ug/L	5.0	05/31/14 19:56	
EPA 6010	Iron	3680	ug/L	40.0	05/31/14 19:56	
EPA 6010	Sodium	8.4	mg/L	1.0	05/31/14 19:56	
EPA 6010	Vanadium	14.2	ug/L	10.0	05/31/14 19:56	
SM 2540C	Total Dissolved Solids	152	mg/L	5.0	05/30/14 17:55	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338011	**B11**					
EPA 300.0	Chloride	17.7	mg/L	5.0	05/24/14 20:20	
EPA 300.0	Sulfate	23.1	mg/L	5.0	05/24/14 20:20	
EPA 350.1	Nitrogen, Ammonia	0.60	mg/L	0.050	05/31/14 15:43	
35139338012	**B33-1**					
	Field pH	6.30	Std. Units		05/23/14 15:53	
	Field Temperature	25.24	deg C		05/23/14 15:53	
	Appearance	Color: yellow, Sheen: none			05/23/14 15:53	
	Field Specific Conductance	614	umhos/cm		05/23/14 15:53	
	Oxygen, Dissolved	0.14	mg/L		05/23/14 15:53	
	REDOX	-55.8	mV		05/23/14 15:53	
	Turbidity	0.82	NTU		05/23/14 15:53	
	Water Level(NGVD)	25.42	feet		05/23/14 15:53	
EPA 6010	Barium	50.9	ug/L	10.0	05/31/14 20:00	
EPA 6010	Chromium	2.7 I	ug/L	5.0	05/31/14 20:00	
EPA 6010	Iron	10800	ug/L	40.0	05/31/14 20:00	
EPA 6010	Sodium	64.6	mg/L	1.0	05/31/14 20:00	
SM 2540C	Total Dissolved Solids	470	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	74.6	mg/L	5.0	05/24/14 20:42	
EPA 350.1	Nitrogen, Ammonia	0.19	mg/L	0.050	05/31/14 15:44	
35139338013	**B33-2**					
	Field pH	6.76	Std. Units		05/23/14 16:17	
	Field Temperature	26.11	deg C		05/23/14 16:17	
	Appearance	Color: yellow, Sheen: none			05/23/14 16:17	
	Field Specific Conductance	980	umhos/cm		05/23/14 16:17	
	Oxygen, Dissolved	0.21	mg/L		05/23/14 16:17	
	REDOX	-70.0	mV		05/23/14 16:17	
	Turbidity	3.82	NTU		05/23/14 16:17	
	Water Level(NGVD)	27.20	feet		05/23/14 16:17	
EPA 6010	Arsenic	5.9 I	ug/L	10.0	05/31/14 20:04	
EPA 6010	Barium	74.4	ug/L	10.0	05/31/14 20:04	
EPA 6010	Chromium	4.5 I	ug/L	5.0	05/31/14 20:04	
EPA 6010	Iron	5900	ug/L	40.0	05/31/14 20:04	
EPA 6010	Nickel	3.4 I	ug/L	5.0	05/31/14 20:04	
EPA 6010	Sodium	116	mg/L	1.0	05/31/14 20:04	
EPA 6010	Vanadium	10.1	ug/L	10.0	05/31/14 20:04	
SM 2540C	Total Dissolved Solids	752	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	47.1	mg/L	10.0	05/24/14 21:03	
EPA 300.0	Sulfate	26.4	mg/L	10.0	05/24/14 21:03	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	05/31/14 15:45	
35139338014	**B32**					
	Field pH	6.71	Std. Units		05/23/14 17:05	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139338014	**B32**					
	Field Temperature	24.41	deg C		05/23/14 17:05	
	Appearance	Color: yellow, Sheen: none			05/23/14 17:05	
	Field Specific Conductance	861	umhos/cm		05/23/14 17:05	
	Oxygen, Dissolved	0.20	mg/L		05/23/14 17:05	
	REDOX	-90.9	mV		05/23/14 17:05	
	Turbidity	5.92	NTU		05/23/14 17:05	
	Water Level(NGVD)	27.01	feet		05/23/14 17:05	
EPA 6010	Barium	51.8	ug/L	10.0	05/31/14 20:07	
EPA 6010	Iron	8700	ug/L	40.0	05/31/14 20:07	
EPA 6010	Sodium	32.7	mg/L	1.0	05/31/14 20:07	
SM 2540C	Total Dissolved Solids	624	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	98.7	mg/L	5.0	05/24/14 22:50	
EPA 300.0	Sulfate	57.3	mg/L	5.0	05/24/14 22:50	
EPA 350.1	Nitrogen, Ammonia	0.058	mg/L	0.050	05/31/14 15:46	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: EQ Blank 5/23/14 **Lab ID: 35139338001** Collected: 05/23/14 08:55 Received: 05/23/14 17:51 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	05/29/14 10:30	05/30/14 03:04	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.0099	0.0062	1	05/29/14 10:30	05/30/14 03:04	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:07	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 07:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 11:39	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 11:39	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 11:39	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 11:39	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 11:39	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: EQ Blank 5/23/14 **Lab ID: 35139338001** Collected: 05/23/14 08:55 Received: 05/23/14 17:51 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		05/29/14 11:39	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 11:39	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 11:39	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 11:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 11:39	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 11:39	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 11:39	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 11:39	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 11:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		05/29/14 11:39	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	119	%	86-125		1		05/29/14 11:39	17060-07-0	
Toluene-d8 (S)	111	%	87-113		1		05/29/14 11:39	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 13:55	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/24/14 13:55	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/14 13:55	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 15:32	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 **Lab ID: 35139338002** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.41**	Std. Units			1		05/23/14 09:30		
Field Temperature	**21.91**	deg C			1		05/23/14 09:30		
Appearance	**Color: none, Sheen: none**				1		05/23/14 09:30		
Field Specific Conductance	**171**	umhos/cm			1		05/23/14 09:30		
Oxygen, Dissolved	**0.49**	mg/L			1		05/23/14 09:30	7782-44-7	
REDOX	**112.2**	mV			1		05/23/14 09:30		
Turbidity	**3.93**	NTU			1		05/23/14 09:30		
Water Level(NGVD)	**23.82**	feet			1		05/23/14 09:30		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/29/14 10:30	05/30/14 03:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 03:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-38-2	
Barium	**21.7**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:11	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:11	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-50-8	
Iron	**9220**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:11	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:11	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:11	7440-22-4	
Sodium	**15.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:11	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:11	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:11	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:02	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:02	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:01	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 12:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 12:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 12:55	75-27-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 **Lab ID: 35139338002** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 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		05/29/14 12:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 12:55	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 12:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 12:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 12:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 12:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 12:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		05/29/14 12:55	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	122	%	86-125		1		05/29/14 12:55	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		05/29/14 12:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 **Lab ID: 35139338002** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**132**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 14:16	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.7**	mg/L	5.0	2.5	1		05/24/14 14:16	16887-00-6	
Sulfate	**13.2**	mg/L	5.0	2.5	1		05/24/14 14:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 15:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 Dup **Lab ID: 35139338003** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.41**	Std. Units			1		05/23/14 09:30		
Field Temperature	**21.91**	deg C			1		05/23/14 09:30		
Appearance	**Color: none, Sheen: none**				1		05/23/14 09:30		
Field Specific Conductance	**171**	umhos/cm			1		05/23/14 09:30		
Oxygen, Dissolved	**0.49**	mg/L			1		05/23/14 09:30	7782-44-7	
REDOX	**112.2**	mV			1		05/23/14 09:30		
Turbidity	**3.93**	NTU			1		05/23/14 09:30		
Water Level(NGVD)	**23.82**	feet			1		05/23/14 09:30		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 03:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	05/29/14 10:30	05/30/14 03:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-38-2	
Barium	**21.5**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-50-8	
Iron	**8990**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:14	7440-22-4	
Sodium	**15.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:14	7440-23-5	
Vanadium	**5.4 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:03	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 13:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 13:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 13:45	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 Dup **Lab ID: 35139338003** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 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		05/29/14 13:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	56-23-5	J(M1)
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 13:45	74-87-3	J(M0), L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 13:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	107-06-2	J(M1)
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 13:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 13:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 13:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 13:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 13:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-69-4	J(M0), L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 13:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 13:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 13:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		05/29/14 13:45	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	113	%	86-125		1		05/29/14 13:45	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/29/14 13:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B44 Dup **Lab ID: 35139338003** Collected: 05/23/14 09:30 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**142**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 14:38	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.6**	mg/L	5.0	2.5	1		05/24/14 14:38	16887-00-6	
Sulfate	**13.3**	mg/L	5.0	2.5	1		05/24/14 14:38	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 15:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B75 **Lab ID: 35139338004** Collected: 05/23/14 10:06 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.37**	Std. Units			1		05/23/14 10:06		
Field Temperature	**24.46**	deg C			1		05/23/14 10:06		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 10:06		
Field Specific Conductance	**1250**	umhos/cm			1		05/23/14 10:06		
Oxygen, Dissolved	**0.27**	mg/L			1		05/23/14 10:06	7782-44-7	
REDOX	**-71.7**	mV			1		05/23/14 10:06		
Turbidity	**7.50**	NTU			1		05/23/14 10:06		
Water Level(NGVD)	**23.12**	feet			1		05/23/14 10:06		
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	05/29/14 10:30	05/30/14 04:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 04:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**12.3**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-38-2	
Barium	**113**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-50-8	
Iron	**45400**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:18	7440-22-4	
Sodium	**53.6**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:18	7440-23-5	
Vanadium	**5.7 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:18	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:07	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:07	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 14:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 14:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 14:10	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B75 **Lab ID: 35139338004** Collected: 05/23/14 10:06 Received: 05/23/14 17:51 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		05/29/14 14:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 14:10	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 14:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 14:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 14:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 14:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 14:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 14:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 14:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 14:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 14:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		05/29/14 14:10	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	124	%	86-125		1		05/29/14 14:10	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/29/14 14:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B75 **Lab ID: 35139338004** Collected: 05/23/14 10:06 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**756**	mg/L	5.0	5.0	1		05/30/14 17:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/24/14 17:08	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**64.1**	mg/L	10.0	5.0	2		05/24/14 17:08	16887-00-6	
Sulfate	**8.8 I**	mg/L	10.0	5.0	2		05/24/14 17:08	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.6**	mg/L	0.050	0.020	1		05/31/14 15:34	7664-41-7	

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8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B60 **Lab ID: 35139338005** Collected: 05/23/14 10:52 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.57**	Std. Units			1		05/23/14 10:52		
Field Temperature	**25.43**	deg C			1		05/23/14 10:52		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 10:52		
Field Specific Conductance	**548**	umhos/cm			1		05/23/14 10:52		
Oxygen, Dissolved	**0.23**	mg/L			1		05/23/14 10:52	7782-44-7	
REDOX	**-57.5**	mV			1		05/23/14 10:52		
Turbidity	**0.22**	NTU			1		05/23/14 10:52		
Water Level(NGVD)	**21.99**	feet			1		05/23/14 10:52		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 04:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	05/29/14 10:30	05/30/14 04:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-38-2	
Barium	**80.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:33	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:33	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-50-8	
Iron	**4550**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:33	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:33	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:33	7440-22-4	
Sodium	**53.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:33	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:33	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:33	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:10	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:10	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:12	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 23:44	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 23:44	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 23:44	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B60 **Lab ID: 35139338005** Collected: 05/23/14 10:52 Received: 05/23/14 17:51 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		05/29/14 23:44	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 23:44	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 23:44	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 23:44	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 23:44	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 23:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 23:44	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 23:44	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 23:44	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 23:44	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 23:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-114		1		05/29/14 23:44	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	121	%	86-125		1		05/29/14 23:44	17060-07-0	
Toluene-d8 (S)	108	%	87-113		1		05/29/14 23:44	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B60 **Lab ID: 35139338005** Collected: 05/23/14 10:52 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**349**	mg/L	5.0	5.0	1		05/30/14 17:54		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 17:29	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**64.8**	mg/L	5.0	2.5	1		05/24/14 17:29	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/14 17:29	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.2**	mg/L	0.050	0.020	1		05/31/14 15:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-1R **Lab ID: 35139338006** Collected: 05/23/14 11:41 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.74**	Std. Units			1		05/23/14 11:41		
Field Temperature	**26.03**	deg C			1		05/23/14 11:41		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 11:41		
Field Specific Conductance	**649**	umhos/cm			1		05/23/14 11:41		
Oxygen, Dissolved	**0.21**	mg/L			1		05/23/14 11:41	7782-44-7	
REDOX	**-93.6**	mV			1		05/23/14 11:41		
Turbidity	**0.28**	NTU			1		05/23/14 11:41		
Water Level(NGVD)	**21.22**	feet			1		05/23/14 11:41		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 04:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	05/29/14 10:30	05/30/14 04:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-38-2	
Barium	**63.7**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:37	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:37	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-50-8	
Iron	**5120**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:37	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:37	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:37	7440-22-4	
Sodium	**56.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:37	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:37	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:37	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:12	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:12	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:18	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 00:34	67-64-1	J(M1)
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 00:34	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 00:34	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-1R **Lab ID: 35139338006** Collected: 05/23/14 11:41 Received: 05/23/14 17:51 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		05/30/14 00:34	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	56-23-5	J(M1)
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 00:34	74-87-3	J(M0), L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 00:34	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:34	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:34	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 00:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:34	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 00:34	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 00:34	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 00:34	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-114		1		05/30/14 00:34	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	112	%	86-125		1		05/30/14 00:34	17060-07-0	
Toluene-d8 (S)	114	%	87-113		1		05/30/14 00:34	2037-26-5	S3

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-1R **Lab ID: 35139338006** Collected: 05/23/14 11:41 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**416**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 17:50	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.7**	mg/L	5.0	2.5	1		05/24/14 17:50	16887-00-6	
Sulfate	**4.6 I**	mg/L	5.0	2.5	1		05/24/14 17:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.74**	mg/L	0.050	0.020	1		05/31/14 15:36	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-2R **Lab ID: 35139338007** Collected: 05/23/14 12:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.70**	Std. Units			1		05/23/14 12:05		
Field Temperature	**26.30**	deg C			1		05/23/14 12:05		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 12:05		
Field Specific Conductance	**751**	umhos/cm			1		05/23/14 12:05		
Oxygen, Dissolved	**0.22**	mg/L			1		05/23/14 12:05	7782-44-7	
REDOX	**-81.2**	mV			1		05/23/14 12:05		
Turbidity	**8.69**	NTU			1		05/23/14 12:05		
Water Level(NGVD)	**21.09**	feet			1		05/23/14 12:05		
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	05/29/14 10:30	05/30/14 04:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 04:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-38-2	
Barium	**81.8**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:41	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-50-8	
Iron	**6030**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:41	7440-22-4	
Sodium	**33.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:41	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:41	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 00:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 00:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 00:59	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-2R **Lab ID: 35139338007** Collected: 05/23/14 12:05 Received: 05/23/14 17:51 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		05/30/14 00:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 00:59	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 00:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 00:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 00:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 00:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 00:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-114		1		05/30/14 00:59	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	129	%	86-125		1		05/30/14 00:59	17060-07-0	S3
Toluene-d8 (S)	104	%	87-113		1		05/30/14 00:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B59-2R **Lab ID: 35139338007** Collected: 05/23/14 12:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**513**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 18:12	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**21.9**	mg/L	5.0	2.5	1		05/24/14 18:12	16887-00-6	
Sulfate	**55.5**	mg/L	5.0	2.5	1		05/24/14 18:12	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.38**	mg/L	0.050	0.020	1		05/31/14 15:39	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B68 **Lab ID: 35139338008** Collected: 05/23/14 12:50 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.89**	Std. Units			1		05/23/14 12:50		
Field Temperature	**25.65**	deg C			1		05/23/14 12:50		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 12:50		
Field Specific Conductance	**819**	umhos/cm			1		05/23/14 12:50		
Oxygen, Dissolved	**0.10**	mg/L			1		05/23/14 12:50	7782-44-7	
REDOX	**-12.2**	mV			1		05/23/14 12:50		
Turbidity	**0.58**	NTU			1		05/23/14 12:50		
Water Level(NGVD)	**23.43**	feet			1		05/23/14 12:50		
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	05/29/14 10:30	05/30/14 05:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 05:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-38-2	
Barium	**134**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:45	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:45	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-50-8	
Iron	**27200**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:45	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:45	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:45	7440-22-4	
Sodium	**25.8**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:45	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:45	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:45	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:25	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:24	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:24	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:24	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B68 **Lab ID: 35139338008** Collected: 05/23/14 12:50 Received: 05/23/14 17:51 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		05/30/14 01:24	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:24	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:24	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:24	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:24	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:24	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:24	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:24	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:24	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-114		1		05/30/14 01:24	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	123	%	86-125		1		05/30/14 01:24	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/30/14 01:24	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B68 **Lab ID: 35139338008** Collected: 05/23/14 12:50 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**585**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 18:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**35.8**	mg/L	5.0	2.5	1		05/24/14 18:33	16887-00-6	
Sulfate	**41.4**	mg/L	5.0	2.5	1		05/24/14 18:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.86**	mg/L	0.050	0.020	1		05/31/14 15:40	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8 **Lab ID: 35139338009** Collected: 05/23/14 13:45 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.53**	Std. Units			1		05/23/14 13:45		
Field Temperature	**27.14**	deg C			1		05/23/14 13:45		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 13:45		
Field Specific Conductance	**688**	umhos/cm			1		05/23/14 13:45		
Oxygen, Dissolved	**1.12**	mg/L			1		05/23/14 13:45	7782-44-7	
REDOX	**-20.6**	mV			1		05/23/14 13:45		
Turbidity	**0.47**	NTU			1		05/23/14 13:45		
Water Level(NGVD)	**19.17**	feet			1		05/23/14 13:45		
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	05/29/14 10:30	05/30/14 05:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 05:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-38-2	
Barium	**38.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-50-8	
Iron	**1910**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:48	7440-22-4	
Sodium	**37.6**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:48	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:27	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:27	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:31	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:49	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:49	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:49	75-27-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8 **Lab ID: 35139338009** Collected: 05/23/14 13:45 Received: 05/23/14 17:51 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		05/30/14 01:49	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:49	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:49	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:49	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:49	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:49	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:49	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:49	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:49	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	114	%	70-114		1		05/30/14 01:49	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		05/30/14 01:49	17060-07-0	
Toluene-d8 (S)	90	%	87-113		1		05/30/14 01:49	2037-26-5	

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8 **Lab ID: 35139338009** Collected: 05/23/14 13:45 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**483**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 18:55	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**79.8**	mg/L	5.0	2.5	1		05/24/14 18:55	16887-00-6	
Sulfate	**10.5**	mg/L	5.0	2.5	1		05/24/14 18:55	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.16**	mg/L	0.050	0.020	1		05/31/14 15:41	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8-2 **Lab ID: 35139338010** Collected: 05/23/14 14:22 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.21**	Std. Units			1		05/23/14 14:22		
Field Temperature	**25.83**	deg C			1		05/23/14 14:22		
Appearance	**Color: none, Sheen: none**				1		05/23/14 14:22		
Field Specific Conductance	**1300**	umhos/cm			1		05/23/14 14:22		
Oxygen, Dissolved	**0.13**	mg/L			1		05/23/14 14:22	7782-44-7	
REDOX	**78.2**	mV			1		05/23/14 14:22		
Turbidity	**5.09**	NTU			1		05/23/14 14:22		
Water Level(NGVD)	**27.00**	feet			1		05/23/14 14:22		
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	05/29/14 10:30	05/30/14 05:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 05:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-38-2	
Barium	**226**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:52	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-50-8	
Iron	**41600**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:52	7440-22-4	
Sodium	**55.3**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:52	7440-23-5	
Vanadium	**10.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:52	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:52	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:30	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:30	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:34	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:14	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:14	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:14	75-27-4	

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8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8-2 **Lab ID: 35139338010** Collected: 05/23/14 14:22 Received: 05/23/14 17:51 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		05/30/14 02:14	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:14	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:14	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:14	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:14	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:14	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:14	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:14	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:14	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	122	%	70-114		1		05/30/14 02:14	460-00-4	J(IS),S3
1,2-Dichloroethane-d4 (S)	129	%	86-125		1		05/30/14 02:14	17060-07-0	S3
Toluene-d8 (S)	105	%	87-113		1		05/30/14 02:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B8-2 **Lab ID: 35139338010** Collected: 05/23/14 14:22 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1130**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/24/14 19:59	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**335**	mg/L	100	50.0	20		05/30/14 07:21	16887-00-6	
Sulfate	**37.0**	mg/L	10.0	5.0	2		05/24/14 19:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.085**	mg/L	0.050	0.020	1		05/31/14 15:42	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B11 **Lab ID: 35139338011** Collected: 05/23/14 14:58 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.08**	Std. Units			1		05/23/14 14:58		
Field Temperature	**26.59**	deg C			1		05/23/14 14:58		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 14:58		
Field Specific Conductance	**164**	umhos/cm			1		05/23/14 14:58		
Oxygen, Dissolved	**0.25**	mg/L			1		05/23/14 14:58	7782-44-7	
REDOX	**73.4**	mV			1		05/23/14 14:58		
Turbidity	**0.50**	NTU			1		05/23/14 14:58		
Water Level(NGVD)	**26.13**	feet			1		05/23/14 14:58		
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	05/29/14 10:30	05/30/14 05:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/29/14 10:30	05/30/14 05:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-38-2	
Barium	**60.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-39-3	
Beryllium	**0.52 I**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:56	7440-43-9	
Chromium	**3.3 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-50-8	
Iron	**3680**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 19:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 19:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 19:56	7440-22-4	
Sodium	**8.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 19:56	7440-23-5	
Vanadium	**14.2**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 19:56	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 19:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:32	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:32	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:39	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:39	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:39	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B11 **Lab ID: 35139338011** Collected: 05/23/14 14:58 Received: 05/23/14 17:51 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		05/30/14 02:39	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:39	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:39	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:39	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:39	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:39	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:39	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:39	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:39	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	125	%	70-114		1		05/30/14 02:39	460-00-4	J(IS),S3
1,2-Dichloroethane-d4 (S)	119	%	86-125		1		05/30/14 02:39	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/30/14 02:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B11 **Lab ID: 35139338011** Collected: 05/23/14 14:58 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**152**	mg/L	5.0	5.0	1		05/30/14 17:55		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 20:20	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**17.7**	mg/L	5.0	2.5	1		05/24/14 20:20	16887-00-6	
Sulfate	**23.1**	mg/L	5.0	2.5	1		05/24/14 20:20	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.60**	mg/L	0.050	0.020	1		05/31/14 15:43	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-1 **Lab ID: 35139338012** Collected: 05/23/14 15:53 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.30**	Std. Units			1		05/23/14 15:53		
Field Temperature	**25.24**	deg C			1		05/23/14 15:53		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 15:53		
Field Specific Conductance	**614**	umhos/cm			1		05/23/14 15:53		
Oxygen, Dissolved	**0.14**	mg/L			1		05/23/14 15:53	7782-44-7	
REDOX	**-55.8**	mV			1		05/23/14 15:53		
Turbidity	**0.82**	NTU			1		05/23/14 15:53		
Water Level(NGVD)	**25.42**	feet			1		05/23/14 15:53		
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	05/29/14 10:30	05/30/14 06:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 06:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-38-2	
Barium	**50.9**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:00	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:00	7440-43-9	
Chromium	**2.7 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-50-8	
Iron	**10800**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 20:00	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 20:00	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:00	7440-22-4	
Sodium	**64.6**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:00	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:00	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 20:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:38	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:04	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:04	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:04	75-27-4	

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8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-1 **Lab ID: 35139338012** Collected: 05/23/14 15:53 Received: 05/23/14 17:51 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		05/30/14 03:04	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:04	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:04	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:04	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:04	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:04	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:04	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:04	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:04	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	115	%	70-114		1		05/30/14 03:04	460-00-4	J(IS),S3
1,2-Dichloroethane-d4 (S)	120	%	86-125		1		05/30/14 03:04	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/30/14 03:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-1 **Lab ID: 35139338012** Collected: 05/23/14 15:53 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**470**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 20:42	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**74.6**	mg/L	5.0	2.5	1		05/24/14 20:42	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/24/14 20:42	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.19**	mg/L	0.050	0.020	1		05/31/14 15:44	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-2 **Lab ID: 35139338013** Collected: 05/23/14 16:17 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.76**	Std. Units			1		05/23/14 16:17		
Field Temperature	**26.11**	deg C			1		05/23/14 16:17		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 16:17		
Field Specific Conductance	**980**	umhos/cm			1		05/23/14 16:17		
Oxygen, Dissolved	**0.21**	mg/L			1		05/23/14 16:17	7782-44-7	
REDOX	**-70.0**	mV			1		05/23/14 16:17		
Turbidity	**3.82**	NTU			1		05/23/14 16:17		
Water Level(NGVD)	**27.20**	feet			1		05/23/14 16:17		
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	05/29/14 10:30	05/30/14 06:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 06:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.9 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-38-2	
Barium	**74.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:04	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:04	7440-43-9	
Chromium	**4.5 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-50-8	
Iron	**5900**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 20:04	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7439-92-1	
Nickel	**3.4 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 20:04	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:04	7440-22-4	
Sodium	**116**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:04	7440-23-5	
Vanadium	**10.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:04	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 20:04	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:37	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:40	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:29	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:29	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:29	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-2 **Lab ID: 35139338013** Collected: 05/23/14 16:17 Received: 05/23/14 17:51 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		05/30/14 03:29	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:29	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:29	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:29	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:29	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:29	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:29	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:29	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:29	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-114		1		05/30/14 03:29	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	123	%	86-125		1		05/30/14 03:29	17060-07-0	
Toluene-d8 (S)	115	%	87-113		1		05/30/14 03:29	2037-26-5	S3

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B33-2 **Lab ID: 35139338013** Collected: 05/23/14 16:17 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**752**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/24/14 21:03	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**47.1**	mg/L	10.0	5.0	2		05/24/14 21:03	16887-00-6	
Sulfate	**26.4**	mg/L	10.0	5.0	2		05/24/14 21:03	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		05/31/14 15:45	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B32 **Lab ID: 35139338014** Collected: 05/23/14 17:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.71**	Std. Units			1		05/23/14 17:05		
Field Temperature	**24.41**	deg C			1		05/23/14 17:05		
Appearance	**Color: yellow, Sheen: none**				1		05/23/14 17:05		
Field Specific Conductance	**861**	umhos/cm			1		05/23/14 17:05		
Oxygen, Dissolved	**0.20**	mg/L			1		05/23/14 17:05	7782-44-7	
REDOX	**-90.9**	mV			1		05/23/14 17:05		
Turbidity	**5.92**	NTU			1		05/23/14 17:05		
Water Level(NGVD)	**27.01**	feet			1		05/23/14 17:05		
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	05/29/14 10:30	05/30/14 06:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/29/14 10:30	05/30/14 06:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-38-2	
Barium	**51.8**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-50-8	
Iron	**8700**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 20:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 20:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 20:07	7440-22-4	
Sodium	**32.7**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 20:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 20:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 20:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 05:40	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:42	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:54	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:54	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:54	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B32 **Lab ID: 35139338014** Collected: 05/23/14 17:05 Received: 05/23/14 17:51 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		05/30/14 03:54	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:54	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:54	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:54	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:54	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:54	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:54	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:54	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:54	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-114		1		05/30/14 03:54	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	123	%	86-125		1		05/30/14 03:54	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/30/14 03:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: B32 **Lab ID: 35139338014** Collected: 05/23/14 17:05 Received: 05/23/14 17:51 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**624**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 22:50	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**98.7**	mg/L	5.0	2.5	1		05/24/14 22:50	16887-00-6	
Sulfate	**57.3**	mg/L	5.0	2.5	1		05/24/14 22:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.058**	mg/L	0.050	0.020	1		05/31/14 15:46	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: Trip Blank 5/23/14 **Lab ID: 35139338015** Collected: 05/23/14 00:00 Received: 05/23/14 17:51 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		05/29/14 12:04	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 12:04	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 12:04	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 12:04	74-87-3	L3
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/29/14 12:04	96-12-8	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 12:04	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:04	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 12:04	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 12:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 12:04	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 12:04	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-69-4	L3
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 12:04	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 12:04	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 12:04	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Sample: Trip Blank 5/23/14 **Lab ID: 35139338015** Collected: 05/23/14 00:00 Received: 05/23/14 17:51 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		05/29/14 12:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-114		1		05/29/14 12:04	460-00-4	J(IS)
1,2-Dichloroethane-d4 (S)	117	%	86-125		1		05/29/14 12:04	17060-07-0	
Toluene-d8 (S)	107	%	87-113		1		05/29/14 12:04	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MERP/4667 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004

METHOD BLANK: 913364 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/29/14 07:01	

LABORATORY CONTROL SAMPLE: 913365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913366 913367

Parameter	Units	35139132004 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	1.8	88	88	80-120	.6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MERP/4668 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 913379 Matrix: Water
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/29/14 08:08	

LABORATORY CONTROL SAMPLE: 913380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913381 913382

Parameter	Units	35139338005 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	1.9	1.9	96	97	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MPRP/18759 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 915546 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	05/31/14 18:07	
Barium	ug/L	5.0U	10.0	05/31/14 18:07	
Beryllium	ug/L	0.50U	1.0	05/31/14 18:07	
Cadmium	ug/L	0.50U	1.0	05/31/14 18:07	
Chromium	ug/L	2.5U	5.0	05/31/14 18:07	
Cobalt	ug/L	5.0U	10.0	05/31/14 18:07	
Copper	ug/L	2.5U	5.0	05/31/14 18:07	
Iron	ug/L	20.0U	40.0	05/31/14 18:07	
Lead	ug/L	5.0U	10.0	05/31/14 18:07	
Nickel	ug/L	2.5U	5.0	05/31/14 18:07	
Selenium	ug/L	7.5U	15.0	05/31/14 18:07	
Silver	ug/L	2.5U	5.0	05/31/14 18:07	
Sodium	mg/L	0.50U	1.0	05/31/14 18:07	
Vanadium	ug/L	5.0U	10.0	05/31/14 18:07	
Zinc	ug/L	10.0U	20.0	05/31/14 18:07	

LABORATORY CONTROL SAMPLE: 915547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	260	104	80-120	
Barium	ug/L	250	269	107	80-120	
Beryllium	ug/L	25	26.5	106	80-120	
Cadmium	ug/L	25	26.9	108	80-120	
Chromium	ug/L	250	267	107	80-120	
Cobalt	ug/L	250	271	108	80-120	
Copper	ug/L	250	256	102	80-120	
Iron	ug/L	2500	2720	109	80-120	
Lead	ug/L	250	274	110	80-120	
Nickel	ug/L	250	274	109	80-120	
Selenium	ug/L	250	270	108	80-120	
Silver	ug/L	25	27.6	110	80-120	
Sodium	mg/L	12.5	13.3	107	80-120	
Vanadium	ug/L	250	262	105	80-120	
Zinc	ug/L	1250	1320	105	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 915720 915721

Parameter	Units	35139310002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	262	263	105	105	75-125	.2	20	
Barium	ug/L	6.0 I	250	250	273	278	107	109	75-125	2	20	
Beryllium	ug/L	0.50U	25	25	26.5	26.7	106	107	75-125	.9	20	
Cadmium	ug/L	0.50U	25	25	26.5	26.6	106	106	75-125	.2	20	
Chromium	ug/L	2.5U	250	250	267	268	107	107	75-125	.5	20	
Cobalt	ug/L	5.0U	250	250	269	270	107	108	75-125	.3	20	
Copper	ug/L	0.0025 U mg/L	250	250	262	263	104	105	75-125	.6	20	
Iron	ug/L	20.0U	2500	2500	2720	2760	108	110	75-125	2	20	
Lead	ug/L	5.0U	250	250	268	270	107	108	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	272	272	108	109	75-125	.3	20	
Selenium	ug/L	7.5U	250	250	268	269	107	108	75-125	.3	20	
Silver	ug/L	2.5U	25	25	27.4	27.2	110	109	75-125	.8	20	
Sodium	mg/L	22.2	12.5	12.5	36.0	35.7	111	108	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	264	266	105	106	75-125	1	20	
Zinc	ug/L	10.0U	1250	1250	1320	1320	105	106	75-125	.5	20	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MPRP/18780 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 916701 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 04:28	
Thallium	ug/L	0.50U	1.0	06/01/14 04:28	

LABORATORY CONTROL SAMPLE: 916702

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.2	96	80-120	
Thallium	ug/L	50	49.7	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916703 916704

Parameter	Units	92203046001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	9.9	50	50	56.9	57.2	94	95	75-125	.6	20	
Thallium	ug/L	ND	50	50	51.8	52.2	103	104	75-125	.9	20	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MSV/11816 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338015

METHOD BLANK: 914507 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/29/14 10:49	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/29/14 10:49	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/29/14 10:49	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/29/14 10:49	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 10:49	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/29/14 10:49	
2-Hexanone	ug/L	5.0U	10.0	05/29/14 10:49	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/29/14 10:49	
Acetone	ug/L	10.0U	20.0	05/29/14 10:49	
Acrylonitrile	ug/L	5.0U	10.0	05/29/14 10:49	
Benzene	ug/L	0.10U	1.0	05/29/14 10:49	
Bromochloromethane	ug/L	0.50U	1.0	05/29/14 10:49	
Bromodichloromethane	ug/L	0.27U	0.60	05/29/14 10:49	
Bromoform	ug/L	0.50U	1.0	05/29/14 10:49	
Bromomethane	ug/L	0.50U	1.0	05/29/14 10:49	
Carbon disulfide	ug/L	5.0U	10.0	05/29/14 10:49	
Carbon tetrachloride	ug/L	0.50U	1.0	05/29/14 10:49	
Chlorobenzene	ug/L	0.50U	1.0	05/29/14 10:49	
Chloroethane	ug/L	0.50U	1.0	05/29/14 10:49	
Chloroform	ug/L	0.50U	1.0	05/29/14 10:49	
Chloromethane	ug/L	0.62U	1.0	05/29/14 10:49	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 10:49	
Dibromochloromethane	ug/L	0.26U	0.50	05/29/14 10:49	
Dibromomethane	ug/L	0.50U	1.0	05/29/14 10:49	
Ethylbenzene	ug/L	0.50U	1.0	05/29/14 10:49	
Iodomethane	ug/L	0.50U	1.0	05/29/14 10:49	
Methylene Chloride	ug/L	2.5U	5.0	05/29/14 10:49	
Styrene	ug/L	0.50U	1.0	05/29/14 10:49	
Tetrachloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
Toluene	ug/L	0.50U	1.0	05/29/14 10:49	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 10:49	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

METHOD BLANK: 914507 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/29/14 10:49	
Trichloroethene	ug/L	0.50U	1.0	05/29/14 10:49	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/29/14 10:49	
Vinyl acetate	ug/L	1.0U	2.0	05/29/14 10:49	
Vinyl chloride	ug/L	0.50U	1.0	05/29/14 10:49	
Xylene (Total)	ug/L	0.50U	1.0	05/29/14 10:49	
1,2-Dichloroethane-d4 (S)	%	123	86-125	05/29/14 10:49	
4-Bromofluorobenzene (S)	%	110	70-114	05/29/14 10:49	
Toluene-d8 (S)	%	110	87-113	05/29/14 10:49	

LABORATORY CONTROL SAMPLE: 914508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	103	70-130	
1,1,1-Trichloroethane	ug/L	20	23.9	119	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.0	95	70-130	
1,1,2-Trichloroethane	ug/L	20	17.9	89	70-130	
1,1-Dichloroethane	ug/L	20	18.5	93	70-130	
1,1-Dichloroethene	ug/L	20	21.0	105	70-130	
1,2,3-Trichloropropane	ug/L	20	21.8	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	28.3	141	64-130	J(L0)
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	17.3	86	70-130	
1,2-Dichloroethane	ug/L	20	23.5	118	70-130	
1,2-Dichloropropane	ug/L	20	17.2	86	70-130	
1,4-Dichlorobenzene	ug/L	20	19.0	95	70-130	
2-Butanone (MEK)	ug/L	40	39.8	100	55-167	
2-Hexanone	ug/L	40	40.7	102	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.5	99	70-130	
Acetone	ug/L	40	45.8	115	40-150	
Acrylonitrile	ug/L	200	185	92	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	21.7	108	70-130	
Bromodichloromethane	ug/L	20	22.4	112	70-130	
Bromoform	ug/L	20	19.0	95	68-130	
Bromomethane	ug/L	20	24.8	124	38-179	
Carbon disulfide	ug/L	20	20.2	101	51-155	
Carbon tetrachloride	ug/L	20	24.1	121	70-130	
Chlorobenzene	ug/L	20	20.7	104	70-130	
Chloroethane	ug/L	20	20.2	101	59-149	
Chloroform	ug/L	20	21.3	107	70-130	
Chloromethane	ug/L	20	41.9	210	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	19.7	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.5	97	70-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

LABORATORY CONTROL SAMPLE: 914508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	19.0	95	70-130	
Dibromomethane	ug/L	20	22.1	111	70-130	
Ethylbenzene	ug/L	20	20.7	104	70-130	
Iodomethane	ug/L	40	46.4	116	43-160	
Methylene Chloride	ug/L	20	22.2	111	70-130	
Styrene	ug/L	20	19.9	99	70-130	
Tetrachloroethene	ug/L	20	20.7	104	66-133	
Toluene	ug/L	20	19.5	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.9	95	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.4	97	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	19.2	96	65-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Trichlorofluoromethane	ug/L	20	26.7	133	70-131	J(L0)
Vinyl acetate	ug/L	20	21.6	108	69-135	
Vinyl chloride	ug/L	20	19.2	96	69-140	
Xylene (Total)	ug/L	60	63.8	106	70-130	
1,2-Dichloroethane-d4 (S)	%			115	86-125	
4-Bromofluorobenzene (S)	%			113	70-114	
Toluene-d8 (S)	%			104	87-113	

MATRIX SPIKE SAMPLE: 915717

Parameter	Units	35139338003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.9	110	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	27.1	135	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.2	91	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.3	97	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.2	96	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	26.0	130	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	20.8	104	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	26.2	131	37-130	J(M0)
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.2	96	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.2	96	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	27.4	137	54-130	J(M1)
1,2-Dichloropropane	ug/L	0.50U	20	18.6	93	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.0	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	33.4	83	48-138	
2-Hexanone	ug/L	5.0U	40	37.3	93	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	34.7	87	28-143	
Acetone	ug/L	10.0U	40	45.7	114	20-140	
Acrylonitrile	ug/L	5.0U	200	144	72	46-130	
Benzene	ug/L	0.10U	20	20.2	101	53-132	
Bromochloromethane	ug/L	0.50U	20	23.6	118	54-132	
Bromodichloromethane	ug/L	0.27U	20	23.7	119	46-130	
Bromoform	ug/L	0.50U	20	23.9	120	32-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

MATRIX SPIKE SAMPLE: 915717

Parameter	Units	35139338003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	24.7	123	20-152	
Carbon disulfide	ug/L	5.0U	20	21.0	105	28-184	
Carbon tetrachloride	ug/L	0.50U	20	28.0	140	37-137	J(M1)
Chlorobenzene	ug/L	0.50U	20	20.4	102	46-130	
Chloroethane	ug/L	0.50U	20	24.8	124	48-159	
Chloroform	ug/L	0.50U	20	23.8	119	51-130	
Chloromethane	ug/L	0.62U	20	37.8	189	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	22.1	111	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.3	101	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.5	108	43-130	
Dibromomethane	ug/L	0.50U	20	22.5	112	50-130	
Ethylbenzene	ug/L	0.50U	20	21.7	108	43-130	
Iodomethane	ug/L	0.50U	40	39.8	100	20-169	
Methylene Chloride	ug/L	2.5U	20	23.8	119	51-135	
Styrene	ug/L	0.50U	20	24.1	121	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.9	104	26-130	
Toluene	ug/L	0.50U	20	21.7	108	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	23.2	116	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.7	98	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	15.6	78	20-139	
Trichloroethene	ug/L	0.50U	20	23.0	115	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	35.4	177	46-146	J(M0)
Vinyl acetate	ug/L	1.0U	20	19.3	96	20-165	
Vinyl chloride	ug/L	0.50U	20	25.4	127	57-142	
Xylene (Total)	ug/L	0.50U	60	71.0	118	42-130	
1,2-Dichloroethane-d4 (S)	%				133	86-125	J(S0)
4-Bromofluorobenzene (S)	%				105	70-114	
Toluene-d8 (S)	%				106	87-113	

SAMPLE DUPLICATE: 915716

Parameter	Units	35139338002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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Pace Analytical Services, Inc.
8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

SAMPLE DUPLICATE: 915716

Parameter	Units	35139338002 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	122	124	2		
4-Bromofluorobenzene (S)	%	109	121	11		S3
Toluene-d8 (S)	%	105	104	.7		

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Pace Analytical Services, Inc.
8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: MSV/11821 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 914995 Matrix: Water
Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/29/14 22:29	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/29/14 22:29	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 22:29	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/29/14 22:29	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 22:29	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/29/14 22:29	
2-Hexanone	ug/L	5.0U	10.0	05/29/14 22:29	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/29/14 22:29	
Acetone	ug/L	10.0U	20.0	05/29/14 22:29	
Acrylonitrile	ug/L	5.0U	10.0	05/29/14 22:29	
Benzene	ug/L	0.10U	1.0	05/29/14 22:29	
Bromochloromethane	ug/L	0.50U	1.0	05/29/14 22:29	
Bromodichloromethane	ug/L	0.27U	0.60	05/29/14 22:29	
Bromoform	ug/L	0.50U	1.0	05/29/14 22:29	
Bromomethane	ug/L	0.50U	1.0	05/29/14 22:29	
Carbon disulfide	ug/L	5.0U	10.0	05/29/14 22:29	
Carbon tetrachloride	ug/L	0.50U	1.0	05/29/14 22:29	
Chlorobenzene	ug/L	0.50U	1.0	05/29/14 22:29	
Chloroethane	ug/L	0.50U	1.0	05/29/14 22:29	
Chloroform	ug/L	0.50U	1.0	05/29/14 22:29	
Chloromethane	ug/L	0.62U	1.0	05/29/14 22:29	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 22:29	
Dibromochloromethane	ug/L	0.26U	0.50	05/29/14 22:29	
Dibromomethane	ug/L	0.50U	1.0	05/29/14 22:29	
Ethylbenzene	ug/L	0.50U	1.0	05/29/14 22:29	
Iodomethane	ug/L	0.50U	1.0	05/29/14 22:29	
Methylene Chloride	ug/L	2.5U	5.0	05/29/14 22:29	
Styrene	ug/L	0.50U	1.0	05/29/14 22:29	
Tetrachloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
Toluene	ug/L	0.50U	1.0	05/29/14 22:29	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 22:29	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/29/14 22:29	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

METHOD BLANK: 914995 Matrix: Water

Associated Lab Samples: 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50U	1.0	05/29/14 22:29	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/29/14 22:29	
Vinyl acetate	ug/L	1.0U	2.0	05/29/14 22:29	
Vinyl chloride	ug/L	0.50U	1.0	05/29/14 22:29	
Xylene (Total)	ug/L	0.50U	1.0	05/29/14 22:29	
1,2-Dichloroethane-d4 (S)	%	126	86-125	05/29/14 22:29	S3
4-Bromofluorobenzene (S)	%	118	70-114	05/29/14 22:29	S3
Toluene-d8 (S)	%	109	87-113	05/29/14 22:29	

LABORATORY CONTROL SAMPLE: 914996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.4	107	70-130	
1,1,1-Trichloroethane	ug/L	20	24.1	121	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.0	90	70-130	
1,1,2-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1-Dichloroethane	ug/L	20	19.2	96	70-130	
1,1-Dichloroethene	ug/L	20	23.1	115	70-130	
1,2,3-Trichloropropane	ug/L	20	21.5	107	70-130	
1,2-Dichlorobenzene	ug/L	20	19.9	99	70-130	
1,2-Dichloroethane	ug/L	20	24.6	123	70-130	
1,2-Dichloropropane	ug/L	20	17.3	87	70-130	
1,4-Dichlorobenzene	ug/L	20	20.7	104	70-130	
2-Butanone (MEK)	ug/L	40	44.5	111	55-167	
2-Hexanone	ug/L	40	45.7	114	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	43.6	109	70-130	
Acetone	ug/L	40	54.6	136	40-150	
Acrylonitrile	ug/L	200	182	91	70-130	
Benzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	21.4	107	70-130	
Bromodichloromethane	ug/L	20	25.5	128	70-130	
Bromoform	ug/L	20	21.1	105	68-130	
Bromomethane	ug/L	20	25.6	128	38-179	
Carbon disulfide	ug/L	20	21.6	108	51-155	
Carbon tetrachloride	ug/L	20	25.0	125	70-130	
Chlorobenzene	ug/L	20	21.1	106	70-130	
Chloroethane	ug/L	20	20.5	103	59-149	
Chloroform	ug/L	20	21.3	106	70-130	
Chloromethane	ug/L	20	42.2	211	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	19.5	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	22.1	111	70-130	
Dibromochloromethane	ug/L	20	21.3	106	70-130	
Dibromomethane	ug/L	20	23.3	117	70-130	

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Pace Analytical Services, Inc.
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(386)672-5668

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

LABORATORY CONTROL SAMPLE: 914996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.8	99	70-130	
Iodomethane	ug/L	40	48.2	121	43-160	
Methylene Chloride	ug/L	20	24.0	120	70-130	
Styrene	ug/L	20	23.7	119	70-130	
Tetrachloroethene	ug/L	20	25.0	125	66-133	
Toluene	ug/L	20	21.0	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.5	102	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.9	94	65-130	
Trichloroethene	ug/L	20	20.1	101	70-130	
Trichlorofluoromethane	ug/L	20	26.8	134	70-131	J(L0)
Vinyl acetate	ug/L	20	21.9	109	69-135	
Vinyl chloride	ug/L	20	19.7	98	69-140	
Xylene (Total)	ug/L	60	68.0	113	70-130	
1,2-Dichloroethane-d4 (S)	%			136	86-125	J(S0)
4-Bromofluorobenzene (S)	%			117	70-114	J(S0)
Toluene-d8 (S)	%			115	87-113	J(S0)

MATRIX SPIKE SAMPLE: 915868

Parameter	Units	35139338006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.9	110	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	26.0	130	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	17.4	87	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	18.3	92	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.2	101	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	24.9	125	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	20.4	102	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.9	99	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	25.5	128	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.2	91	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	21.0	105	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	38.1	95	48-138	
2-Hexanone	ug/L	5.0U	40	36.2	91	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	40.5	101	28-143	
Acetone	ug/L	10.0U	40	64.0	160	20-140	J(M1)
Acrylonitrile	ug/L	5.0U	200	163	82	46-130	
Benzene	ug/L	0.10U	20	20.0	100	53-132	
Bromochloromethane	ug/L	0.50U	20	22.2	111	54-132	
Bromodichloromethane	ug/L	0.27U	20	24.1	120	46-130	
Bromoform	ug/L	0.50U	20	25.6	128	32-130	
Bromomethane	ug/L	0.50U	20	20.9	104	20-152	
Carbon disulfide	ug/L	5.0U	20	21.7	108	28-184	
Carbon tetrachloride	ug/L	0.50U	20	27.6	138	37-137	J(M1)
Chlorobenzene	ug/L	0.50U	20	21.8	109	46-130	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

MATRIX SPIKE SAMPLE: 915868

Parameter	Units	35139338006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	0.50U	20	20.8	104	48-159	
Chloroform	ug/L	0.50U	20	21.0	105	51-130	
Chloromethane	ug/L	0.62U	20	32.2	161	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	21.2	106	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.8	99	45-130	
Dibromochloromethane	ug/L	0.26U	20	22.5	112	43-130	
Dibromomethane	ug/L	0.50U	20	21.6	108	50-130	
Ethylbenzene	ug/L	0.50U	20	21.6	108	43-130	
Iodomethane	ug/L	0.50U	40	38.2	95	20-169	
Methylene Chloride	ug/L	2.5U	20	23.3	116	51-135	
Styrene	ug/L	0.50U	20	24.7	124	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.7	103	26-130	
Toluene	ug/L	0.50U	20	21.3	107	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.4	102	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20.6	103	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	16.5	83	20-139	
Trichloroethene	ug/L	0.50U	20	21.8	109	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	28.6	143	46-146	
Vinyl acetate	ug/L	1.0U	20	17.6	88	20-165	
Vinyl chloride	ug/L	0.50U	20	19.8	99	57-142	
Xylene (Total)	ug/L	0.50U	60	70.3	117	42-130	
1,2-Dichloroethane-d4 (S)	%				120	86-125	
4-Bromofluorobenzene (S)	%				123	70-114	J(S0)
Toluene-d8 (S)	%				98	87-113	

SAMPLE DUPLICATE: 915867

Parameter	Units	35139338005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

SAMPLE DUPLICATE: 915867

Parameter	Units	35139338005 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	121	130	7		S3
4-Bromofluorobenzene (S)	%	106	103	4		
Toluene-d8 (S)	%	108	106	2		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: OEXT/17496 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 914421 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/30/14 01:04	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/30/14 01:04	

LABORATORY CONTROL SAMPLE: 914422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.29	116	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.22	89	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914423 914424

Parameter	Units	35139176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0051 U	.44	.44	0.55	0.57	126	129	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0064 U	.44	.44	0.42	0.43	95	99	60-140	4	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WET/25212 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 915595 | Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/30/14 17:52	

LABORATORY CONTROL SAMPLE: 915596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	295	98	90-110	

SAMPLE DUPLICATE: 915597

Parameter	Units	35139338001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0U		20	

SAMPLE DUPLICATE: 915598

Parameter	Units	35139338011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	152	158	4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36143 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

METHOD BLANK: 911401 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/24/14 16:25	

LABORATORY CONTROL SAMPLE: 911402

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: 912168 912169

Parameter	Units	35139338003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	100	100	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912170 912171

Parameter	Units	35139338009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.9	4.9	97	97	90-110	.3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36149
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338014

METHOD BLANK: 912172
Matrix: Water
Associated Lab Samples: 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/24/14 22:07	

LABORATORY CONTROL SAMPLE: 912173

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: 912174 912175

Parameter	Units	35139338014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.8	4.8	96	96	90-110	.4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36150 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

METHOD BLANK: 912176 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/24/14 16:25	
Sulfate	mg/L	2.5U	5.0	05/24/14 16:25	

LABORATORY CONTROL SAMPLE: 912177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.5	95	90-110	
Sulfate	mg/L	50	47.2	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912178 912179

Parameter	Units	35139338003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	33.6	50	50	86.8	86.7	106	106	90-110	.1	20	
Sulfate	mg/L	13.3	50	50	62.9	62.6	99	99	90-110	.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912180 912181

Parameter	Units	35139310002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	30.8	50	50	133	133	205	205	90-110	.1	20	J(M1), L
Sulfate	mg/L	13.8	50	50	57.7	57.6	88	88	90-110	.2	20	J(M1)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36151 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139338014

METHOD BLANK: 912182 | Matrix: Water
Associated Lab Samples: 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/24/14 22:07	
Sulfate	mg/L	2.5U	5.0	05/24/14 22:07	

LABORATORY CONTROL SAMPLE: 912183

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912184 912185

Parameter	Units	35138230001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	33.5	250	250	267	267	93	93	90-110	.1	20	
Sulfate	mg/L	98.6	250	250	343	339	98	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912187 912188

Parameter	Units	35139338014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	98.7	50	50	152	152	107	107	90-110	.09	20	L
Sulfate	mg/L	57.3	50	50	111	111	107	107	90-110	.01	20	L

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

QC Batch: WETA/36331 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

METHOD BLANK: 916724 Matrix: Water
Associated Lab Samples: 35139338001, 35139338002, 35139338003, 35139338004, 35139338005, 35139338006, 35139338007, 35139338008, 35139338009, 35139338010, 35139338011, 35139338012, 35139338013, 35139338014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/31/14 15:20	

LABORATORY CONTROL SAMPLE: 916725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.99	99	90-110	

MATRIX SPIKE SAMPLE: 916727

Parameter	Units	35139176003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.57	1	1.5	92	90-110	

SAMPLE DUPLICATE: 916726

Parameter	Units	35139176003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.57	0.56	.7	20	

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QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

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(IS)	Estimated Value. The internal standard recovery associated with this result exceeds the lower control limit. The reported result should be considered an estimated value.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338002	**B44**		FLD/		
35139338003	**B44 Dup**		FLD/		
35139338004	**B75**		FLD/		
35139338005	**B60**		FLD/		
35139338006	**B59-1R**		FLD/		
35139338007	**B59-2R**		FLD/		
35139338008	**B68**		FLD/		
35139338009	**B8**		FLD/		
35139338010	**B8-2**		FLD/		
35139338011	**B11**		FLD/		
35139338012	**B33-1**		FLD/		
35139338013	**B33-2**		FLD/		
35139338014	**B32**		FLD/		
35139338001	**EQ Blank 5/23/14**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338002	**B44**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338003	**B44 Dup**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338004	**B75**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338005	**B60**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338006	**B59-1R**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338007	**B59-2R**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338008	**B68**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338009	**B8**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338010	**B8-2**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338011	**B11**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338012	**B33-1**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338013	**B33-2**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338014	**B32**	EPA 8011	OEXT/17496	EPA 8011	GCSV/11450
35139338001	**EQ Blank 5/23/14**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338002	**B44**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338003	**B44 Dup**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338004	**B75**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338005	**B60**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338006	**B59-1R**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338007	**B59-2R**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338008	**B68**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338009	**B8**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338010	**B8-2**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338011	**B11**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338012	**B33-1**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338013	**B33-2**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338014	**B32**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139338001	**EQ Blank 5/23/14**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338002	**B44**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338003	**B44 Dup**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338004	**B75**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338005	**B60**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338006	**B59-1R**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338007	**B59-2R**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338008	**B68**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338009	**B8**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338010	**B8-2**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338011	**B11**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338012	**B33-1**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338013	**B33-2**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338014	**B32**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139338001	**EQ Blank 5/23/14**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338002	**B44**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338003	**B44 Dup**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338004	**B75**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139338005	**B60**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338006	**B59-1R**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338007	**B59-2R**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338008	**B68**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338009	**B8**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338010	**B8-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338011	**B11**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338012	**B33-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338013	**B33-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338014	**B32**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139338001	**EQ Blank 5/23/14**	EPA 8260	MSV/11816		
35139338002	**B44**	EPA 8260	MSV/11816		
35139338003	**B44 Dup**	EPA 8260	MSV/11816		
35139338004	**B75**	EPA 8260	MSV/11816		
35139338005	**B60**	EPA 8260	MSV/11821		
35139338006	**B59-1R**	EPA 8260	MSV/11821		
35139338007	**B59-2R**	EPA 8260	MSV/11821		
35139338008	**B68**	EPA 8260	MSV/11821		
35139338009	**B8**	EPA 8260	MSV/11821		
35139338010	**B8-2**	EPA 8260	MSV/11821		
35139338011	**B11**	EPA 8260	MSV/11821		
35139338012	**B33-1**	EPA 8260	MSV/11821		
35139338013	**B33-2**	EPA 8260	MSV/11821		
35139338014	**B32**	EPA 8260	MSV/11821		
35139338015	**Trip Blank 5/23/14**	EPA 8260	MSV/11816		
35139338001	**EQ Blank 5/23/14**	SM 2540C	WET/25212		
35139338002	**B44**	SM 2540C	WET/25212		
35139338003	**B44 Dup**	SM 2540C	WET/25212		
35139338004	**B75**	SM 2540C	WET/25212		
35139338005	**B60**	SM 2540C	WET/25212		
35139338006	**B59-1R**	SM 2540C	WET/25212		
35139338007	**B59-2R**	SM 2540C	WET/25212		
35139338008	**B68**	SM 2540C	WET/25212		
35139338009	**B8**	SM 2540C	WET/25212		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338010	**B8-2**	SM 2540C	WET/25212		
35139338011	**B11**	SM 2540C	WET/25212		
35139338012	**B33-1**	SM 2540C	WET/25212		
35139338013	**B33-2**	SM 2540C	WET/25212		
35139338014	**B32**	SM 2540C	WET/25212		
35139338001	**EQ Blank 5/23/14**	EPA 300.0	WETA/36143		
35139338002	**B44**	EPA 300.0	WETA/36143		
35139338003	**B44 Dup**	EPA 300.0	WETA/36143		
35139338004	**B75**	EPA 300.0	WETA/36143		
35139338005	**B60**	EPA 300.0	WETA/36143		
35139338006	**B59-1R**	EPA 300.0	WETA/36143		
35139338007	**B59-2R**	EPA 300.0	WETA/36143		
35139338008	**B68**	EPA 300.0	WETA/36143		
35139338009	**B8**	EPA 300.0	WETA/36143		
35139338010	**B8-2**	EPA 300.0	WETA/36143		
35139338011	**B11**	EPA 300.0	WETA/36143		
35139338012	**B33-1**	EPA 300.0	WETA/36143		
35139338013	**B33-2**	EPA 300.0	WETA/36143		
35139338014	**B32**	EPA 300.0	WETA/36149		
35139338001	**EQ Blank 5/23/14**	EPA 300.0	WETA/36150		
35139338002	**B44**	EPA 300.0	WETA/36150		
35139338003	**B44 Dup**	EPA 300.0	WETA/36150		
35139338004	**B75**	EPA 300.0	WETA/36150		
35139338005	**B60**	EPA 300.0	WETA/36150		
35139338006	**B59-1R**	EPA 300.0	WETA/36150		
35139338007	**B59-2R**	EPA 300.0	WETA/36150		
35139338008	**B68**	EPA 300.0	WETA/36150		
35139338009	**B8**	EPA 300.0	WETA/36150		
35139338010	**B8-2**	EPA 300.0	WETA/36150		
35139338011	**B11**	EPA 300.0	WETA/36150		
35139338012	**B33-1**	EPA 300.0	WETA/36150		
35139338013	**B33-2**	EPA 300.0	WETA/36150		
35139338014	**B32**	EPA 300.0	WETA/36151		
35139338001	**EQ Blank 5/23/14**	EPA 350.1	WETA/36331		
35139338002	**B44**	EPA 350.1	WETA/36331		
35139338003	**B44 Dup**	EPA 350.1	WETA/36331		
35139338004	**B75**	EPA 350.1	WETA/36331		
35139338005	**B60**	EPA 350.1	WETA/36331		
35139338006	**B59-1R**	EPA 350.1	WETA/36331		
35139338007	**B59-2R**	EPA 350.1	WETA/36331		
35139338008	**B68**	EPA 350.1	WETA/36331		
35139338009	**B8**	EPA 350.1	WETA/36331		
35139338010	**B8-2**	EPA 350.1	WETA/36331		
35139338011	**B11**	EPA 350.1	WETA/36331		
35139338012	**B33-1**	EPA 350.1	WETA/36331		
35139338013	**B33-2**	EPA 350.1	WETA/36331		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139338014	**B32**	EPA 350.1	WETA/36331		

WO#: 35139338

35139338

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Page: 1 of 2

1774449

Section A
Required Client Information:

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

Section B
Required Project Information:

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

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

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location
STATE:

Section D
Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): NITRATE NITROGEN	SULFATE	TOC	Total Coliform (MF)	Fecal Coliform (MF)	Total Hardness	TDS	SO4	TCN	OPO4	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-23-14	0855		8	3	1	1	3					X	X	X	X	X	X	X	X			
2	B44						0910																					
3	DUPLICATE						0930																					
4	B75						1006																					
5	B60						1052																					
6	B59-1R						1141																					
7	B59-2R						1205																					
8	B68						1250																					
9	B8						1345																					
10	B8-2						1422																					
11	B1						1458																					
12	B33-1						1553																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	EMS/PACE	5-23-14	1757	[illegible]	5/23/14	1757	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-23-14

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

ORIGINAL

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

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

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1764055

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

Section B Required Project Information:
Report To: JENNIFER STARK
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Nitrate, Chloride	Sulfate, TDS	Nitrogen/Ammonia (NH3)	Total Phos	Metals	Oil & Grease	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B33-2	GW	G			5-23-14	1617		8	3	1	1	3					X	X	X	X	X	X			
2	B32	↓	↓			↓	1705		8	3	1	1	3					X	X	X	X	X	X			
3	TRIP BLANKS	↓	↓			↓	—		2				2										X			
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / PACE	5-23-14	0757	[signature]	5/23/14	1754	4.2 F-18

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-23-14

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: O | SAMPLE ID: EQ | DATE: 5-23-14

PURGING DATA

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

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

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): | FINAL PUMP OR TUBING DEPTH IN WELL (feet): | PURGING INITIATED AT: | PURGING ENDED AT: | TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 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: 0845 | SAMPLING ENDED AT: 0855

PUMP OR TUBING DEPTH IN WELL (feet): | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	LOW LOW Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste	SITE LOCATION: Tomoka Stmi	
WELL NO: 1	SAMPLE ID: B 44/Duplicate	DATE: 5.23.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.20	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (14.65 feet – 6.20 feet) x 0.16 gallons/foot = 1.352 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 0903	PURGING ENDED AT: 0918	TOTAL VOLUME PURGED (gallons): 2.40

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0913	1.50	1.50	0.15	7.27	5.44	21.91	169	0.63	5.52	Clear	Sulfur
0916	0.45	1.95	1	7.27	5.44	21.91	166	0.53	4.76	1	1
0918	0.45	2.40	1	7.27	5.41	21.91	171	0.49	3.93	1	1

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 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):	SAMPLING INITIATED AT: 0918	SAMPLING ENDED AT: 0930
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE.S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.41	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	Total/Diss Metals	↓	↓
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.41	Soil COD		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 122.7 ORP 116.5 ORP 112.2

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

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

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

Pace Analytical Florida Laboratory	Document Name: Groundwater Sampling Log Document 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 Solid Waste | SITE LOCATION: Tomoka Sem 1

WELL NO: 2 | SAMPLE ID: 875 | DATE: 8-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.50 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (20.60 feet – 8.50 feet) X 0.16 gallons/foot = 1.936 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | PURGING INITIATED AT: 0948 | PURGING ENDED AT: 1000 | TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0956	2.00	2.00	0.25	9.27	6.37	24.44	1250	0.38	5.84	yellow	sulfes
0958	0.50	2.50	|	9.27	6.37	24.44	1250	0.31	8.00	|	|
1000	0.50	3.00	|	9.27	6.37	24.46	1250	0.27	7.50	|	

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): | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N | TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.37	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	Dissolved Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.37	BOD, COD	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -68.8 ORP -70.4 ORP -71.7

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 3 | SAMPLE ID: B 60 | DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.85 | 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) = (35.75 feet – 6.85 feet) X 0.16 gallons/foot = 4.624 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1019 | PURGING ENDED AT: 1046 | TOTAL VOLUME PURGED (gallons): 6.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1038	4.75	4.75	0.25	7.97	6.57	25.40	549	0.26	3.06	YELLOW	SULFUR
1042	1.00	5.75			6.57	25.41	548	0.25	0.65		
1046	1.00	6.75			6.57	25.43	548	0.23	0.22		

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 GIBBONS / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1046 | SAMPLING ENDED AT: 1052

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.57	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020 Hg, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.57	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-56.4 ORP-56.6 ORP-57.5

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 4 | SAMPLE ID: B59-1R | DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.55 | 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) = (35.00 feet – 6.55 feet) X 0.16 gallons/foot = 4.552 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1108 | PURGING ENDED AT: 1135 | TOTAL VOLUME PURGED (gallons): 6.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1127	4.75	4.75	0.25	7.81	6.73	25.90	649	0.28	0.68	Yellow	Sulfur
1131	1.00	5.75	1	7.82	6.74	25.88	648	0.23	0.42	|	|
1135	1.00	6.75		7.83	~~6.47~~ 6.74	26.03	649	0.21	0.28		

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: 1135 | SAMPLING ENDED AT: 1141

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE-S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.74	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	GW/GRO/14 metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.74	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	APP	100

REMARKS: ORP-91.1 ORP-92.5 ORP-93.6

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI
WELL NO: 5 | SAMPLE ID: B 59-2R | DATE: 5-23-14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.70 feet – ~~17.76~~ 6.70 feet) X 0.16 gallons/foot = 1.76 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | PURGING INITIATED AT: 1146 | PURGING ENDED AT: 1158 | TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1154	2.00	2.00	0.25	7.62	6.76	26.37	748	0.21	13.1	Yellow	Sulfur
1156	0.50	2.50		7.62	6.73	26.30	750	0.21	7.68		
1158	0.50	3.00		7.62	6.70	26.30	751	0.22	6.69		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 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 GIBBS / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1158 | SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet): 8 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.70	TDS, Nitrate, Cl	PP	400
	1		250	HNO3		<2	6010, 6020/16 METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.70	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -85.1 ORP -81.2

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

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)

Constitute all of the information required by Chapter 62-160, F.A.C.
FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
Temp: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); ±10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO.: 6 | SAMPLE ID: B68 | DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.30 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35.80 feet – 6.30 feet) X 0.16 gallons/foot = 4.72 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1217 | PURGING ENDED AT: 1244 | TOTAL VOLUME PURGED (gallons): 6.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1236	4.75	4.75	0.25	8.30	5.88	25.70	838	0.11	1.36	YELLOW	SULFUR
1240	1.00	5.75			5.89	25.70	831	0.11	0.45		
1244	1.00	6.75			5.89	25.65	819	0.10	0.58		

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: 1244 | SAMPLING ENDED AT: 1250

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.89	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.89	8011 8015		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP-8.3 ORP-9.9 ORP-12.2

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

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

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

Pace Analytical Florida Laboratory	Document Name: Groundwater Sampling Log Document 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 Solid Waste | SITE LOCATION: Tomoka Semi | DATE: 5-23-14

WELL NO: 7 | SAMPLE ID: 88-1

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 13.85 | 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) = (47.82 feet – 13.85 feet) x 0.16 gallons/foot = 5.4352 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16 | PURGING INITIATED AT: 1302 | PURGING ENDED AT: 1339 | TOTAL VOLUME PURGED (gallons): 9.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1326	5.50	5.50	0.25	14.26	6.70	27.11	682	2.85	1.37	Yellow	Sulfur
1329	1.25	6.75	|	|	6.56	27.20	683	1.88	1.92	|	|
1334	1.25	8.00	|	|	6.53	27.19	688	1.43	0.84	|	|
1339	1.25	9.25	|	|	6.53	27.14	688	1.12	0.47	|	|

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./FL): 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: 1339 | SAMPLING ENDED AT: ~~1445~~ 1345

PUMP OR TUBING DEPTH IN WELL (feet): 16 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.53	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.53	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -5.3 ORP -7.2 ORP -17.3 ORP -20.6

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Venice County Solid Waste | SITE LOCATION: Tomoka Semi

WELL NO: 8 | SAMPLE ID: B 8-2 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.30 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (33.20 feet – 6.30 feet) X 0.16 gallons/foot = 4.304 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1350 | PURGING ENDED AT: 1416 | TOTAL VOLUME PURGED (gallons): 6.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1408	4.50	4.50	0.25	7.40	5.20	25.82	1302	0.17	9.20	CLEAR	NONE
1412	1.00	5.50		7.40	5.20	25.80	1305	0.15	5.58		
1416	1.00	6.50		7.40	5.21	25.83	1300	0.13	5.09		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mark Gilbert / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1416 | SAMPLING ENDED AT: 1422

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.21	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Cd, Cr, Cu, Pb, Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.21	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 80.7 ORP 79.8 ORP 78.2

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SOMA	
WELL NO: 9	SAMPLE ID: B 11	DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.50	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (16.80 feet – 4.50 feet) X 0.16 gallons/foot = 1.968 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1440	PURGING ENDED AT: 1452	TOTAL VOLUME PURGED (gallons): ~~2.50~~ 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1448	2.00	2.00	0.25	6.05	5.01	26.67	162	0.26	1.40	YELLOW	SULFUR
1450	0.50	2.50	1	6.05	5.05	26.60	162	0.22	0.44	(	(
1452	0.50	~~2.50~~ 3.00	1	6.05	5.08	26.59	164	0.25	0.50		

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 / PACO	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1452	SAMPLING ENDED AT: 1458
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.08	TDS, NH3, NO2, Cl	PP	400
	1		250	HNO3		<2	6010, 6020/Hg metals	↓	↓
	1		250	H2SO4		<2	350 NH3		
	2		40	ICE		5.08	8011 EDB	↓	100
	3		40	HCL		<2	8260 VOC	RFPP	100

REMARKS: [illegible] 9.4 ORP 73.4

MATERIAL CODES: [illegible] CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

[illegible] = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; [illegible] = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTE: [illegible] all of the information required by Chapter 62-160, F.A.C.

[illegible] RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

[illegible] Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); [illegible] (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEM 1

WELL NO: 10 | SAMPLE ID: B 33-1 | DATE: 5-23-16

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.40 | 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)
= (39.50 feet – 7.40 feet) X 0.16 gallons/foot = 5.136 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10 | PURGING INITIATED AT: 1516 | PURGING ENDED AT: 1547 | TOTAL VOLUME PURGED (gallons): 7.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1537	5.25	5.25	0.25	8.63	6.29	25.14	618	0.17	0.68	YELLOW	SULFUR
1542	1.25	6.50	1	8.63	6.29	25.20	613	0.15	0.88	(	)
1547	1.25	7.75	1	8.63	6.30	25.24	614	0.14	0.82	(	)

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: 1547 | SAMPLING ENDED AT: 1553

PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE.5 | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.30	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	8010, 8020/14 METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.30	8011 DBP	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -51.7 ORP -53.9 ORP -55.8

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE
SITE LOCATION: TOMOKA SOMC
WELL NO: 11
SAMPLE ID: B 33-2
DATE: 5.23.14

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet): 4.90
PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.50 feet – 4.90 feet) X 0.16 gallons/foot = ~~3.15~~ 2.016 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):
FINAL PUMP OR TUBING DEPTH IN WELL (feet):
PURGING INITIATED AT: 1556
PURGING ENDED AT: 1611
TOTAL VOLUME PURGED (gallons): 3.75

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1605	2.25	2.25	0.25	7.80	6.76	26.01	896	0.19	4.15	YELLOW	SULFUR
1607	0.50	2.75	↓	8.43	6.76	26.05	960	0.19	3.34	↓	↓
1609	0.50	3.25	↓	8.75	6.76	26.08	979	0.19	3.17	↓	↓
1611	0.50	3.75	↓	9.10	6.76	26.11	980	0.21	3.82	↓	↓

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: MARC GILBERT/PACE
SAMPLER(S) SIGNATURE(S): [signature]
SAMPLING INITIATED AT: 1611
SAMPLING ENDED AT: 1617

PUMP OR TUBING DEPTH IN WELL (feet):
TUBING MATERIAL CODE: PE.5
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced)
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.76	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	COD, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.76	9011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-69.0 ORP-67.8 ORP-69.4 ORP-70.0

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEM 1	
WELL NO: 12	SAMPLE ID: B 32	DATE: 5-23-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.50	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (31.28 feet – 3.50 feet) X 0.16 gallons/foot = 4.4448 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: 1629	PURGING ENDED AT: 1657	TOTAL VOLUME PURGED (gallons): 7.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1647	4.50	4.50	0.25	4.89	6.70	24.52	857	0.37	8.86	Yellow	none
1652	1.25	5.75	|	4.89	6.71	24.48	860	0.22	8.73	|	|
1657	1.25	7.00	|	4.89	6.71	24.41	861	0.20	5.92	|	|

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./FL): 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 GIBBS / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 1657	SAMPLING ENDED AT: 1705
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE.S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
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)
	1	PE	1000	ICE		6.71	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.71	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP-85.0 ORP-89.1 ORP-90.9

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

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

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

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # _____

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

Tracking # _____

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

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

Thermometer Used T 166 Type of Ice: (Wet) Blue None

Cooler Temperature °C 0.5 (Visual) +0.4 (Correction Factor) 0.9 (Actual)

0.5 + 0.4 0.9

3.8 + 0.4 4.3

Date and Initials of person examining contents: _____

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Volusia Solid Waste Project # 35139338

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

Tracking # _____

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

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

Date and Initials of person examining contents: 3/22/14 TH

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

Cooler Temperature °C 4.3 (Visual) -0.1 (Correction Factor) 4.2 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

June 10, 2014

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

RE: Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 27, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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

CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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

SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139512001	**EQ Blank 5/27/14**	Water	05/27/14 08:00	05/27/14 17:40
35139512002	**B-5**	Water	05/27/14 08:55	05/27/14 17:40
35139512003	**B-5 Dup**	Water	05/27/14 08:55	05/27/14 17:40
35139512004	**B-2**	Water	05/27/14 09:50	05/27/14 17:40
35139512005	**B34-1**	Water	05/27/14 10:37	05/27/14 17:40
35139512006	**B34-2**	Water	05/27/14 11:00	05/27/14 17:40
35139512007	**B63-1**	Water	05/27/14 11:58	05/27/14 17:40
35139512008	**B63-2**	Water	05/27/14 12:30	05/27/14 17:40
35139512009	**B35-1**	Water	05/27/14 13:25	05/27/14 17:40
35139512010	**B35-2**	Water	05/27/14 13:51	05/27/14 17:40
35139512011	**B36**	Water	05/27/14 14:50	05/27/14 17:40
35139512012	**B37-1**	Water	05/27/14 15:45	05/27/14 17:40
35139512013	**B37-2**	Water	05/27/14 16:15	05/27/14 17:40
35139512014	**B64**	Water	05/27/14 16:56	05/27/14 17:40
35139512015	**Trip Blank 5-27-14**	Water	05/27/14 00:00	05/27/14 17:40

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139512001	**EQ Blank 5/27/14**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512002	**B-5**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512003	**B-5 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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512004	**B-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS, KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512005	**B34-1**	EPA 8011	IRL	2	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS, JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512006	**B34-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512007	**B63-1**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512008	**B63-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512009	**B35-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512010	**B35-2**	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	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512011	**B36**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512012	**B37-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512013	**B37-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512014	**B64**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139512015	**Trip Blank 5-27-14**	EPA 8260	SK	50	PASI-O

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8 East Tower Circle
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(386)672-5668

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512002	**B-5**					
	Field pH	6.56	Std. Units		05/27/14 08:55	
	Field Temperature	23.34	deg C		05/27/14 08:55	
	Appearance	Color: yellow, Sheen: none			05/27/14 08:55	
	Field Specific Conductance	924	umhos/cm		05/27/14 08:55	
	Oxygen, Dissolved	0.25	mg/L		05/27/14 08:55	
	REDOX	-75.7	mV		05/27/14 08:55	
	Turbidity	1.35	NTU		05/27/14 08:55	
	Water Level(NGVD)	28.91	feet		05/27/14 08:55	
EPA 6010	Barium	108	ug/L	10.0	06/01/14 22:51	
EPA 6010	Iron	18500	ug/L	40.0	06/01/14 22:51	
EPA 6010	Sodium	34.7	mg/L	1.0	06/01/14 22:51	
EPA 8260	Vinyl chloride	0.67 I	ug/L	1.0	05/30/14 01:07	
SM 2540C	Total Dissolved Solids	562	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	28.1	mg/L	10.0	05/28/14 20:06	
EPA 350.1	Nitrogen, Ammonia	0.31	mg/L	0.050	05/31/14 16:20	
35139512003	**B-5 Dup**					
	Field pH	6.56	Std. Units		05/27/14 08:55	
	Field Temperature	23.34	deg C		05/27/14 08:55	
	Appearance	Color: yellow, Sheen: none			05/27/14 08:55	
	Field Specific Conductance	924	umhos/cm		05/27/14 08:55	
	Oxygen, Dissolved	0.25	mg/L		05/27/14 08:55	
	REDOX	-75.7	mV		05/27/14 08:55	
	Turbidity	1.35	NTU		05/27/14 08:55	
	Water Level(NGVD)	28.91	feet		05/27/14 08:55	
EPA 6010	Barium	110	ug/L	10.0	06/01/14 23:07	
EPA 6010	Iron	18900	ug/L	40.0	06/01/14 23:07	
EPA 6010	Sodium	35.4	mg/L	1.0	06/01/14 23:07	
EPA 8260	Vinyl chloride	0.60 I	ug/L	1.0	05/30/14 01:57	
SM 2540C	Total Dissolved Solids	566	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	27.5	mg/L	10.0	05/28/14 20:28	
EPA 350.1	Nitrogen, Ammonia	0.31	mg/L	0.050	05/31/14 16:21	
35139512004	**B-2**					
	Field pH	5.53	Std. Units		05/27/14 09:50	
	Field Temperature	25.59	deg C		05/27/14 09:50	
	Appearance	Color: yellow, Sheen: none			05/27/14 09:50	
	Field Specific Conductance	916	umhos/cm		05/27/14 09:50	
	Oxygen, Dissolved	0.24	mg/L		05/27/14 09:50	
	REDOX	31.9	mV		05/27/14 09:50	
	Turbidity	1.44	NTU		05/27/14 09:50	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512004	**B-2**					
	Water Level(NGVD)	23.61	feet		05/27/14 09:50	
EPA 6010	Barium	110	ug/L	10.0	06/01/14 23:10	
EPA 6010	Beryllium	1.7	ug/L	1.0	06/01/14 23:10	
EPA 6010	Chromium	3.5 I	ug/L	5.0	06/01/14 23:10	
EPA 6010	Iron	38300	ug/L	40.0	06/01/14 23:10	
EPA 6010	Sodium	28.3	mg/L	1.0	06/01/14 23:10	
EPA 6010	Vanadium	17.6	ug/L	10.0	06/01/14 23:10	
SM 2540C	Total Dissolved Solids	743	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	36.1	mg/L	10.0	05/28/14 20:49	
EPA 300.0	Sulfate	331	mg/L	50.0	06/08/14 21:40	
EPA 350.1	Nitrogen, Ammonia	3.3	mg/L	0.050	05/31/14 16:24	
35139512005	**B34-1**					
	Field pH	6.51	Std. Units		05/27/14 10:37	
	Field Temperature	23.12	deg C		05/27/14 10:37	
	Appearance	Color: none, Sheen: none			05/27/14 10:37	
	Field Specific Conductance	1154	umhos/cm		05/27/14 10:37	
	Oxygen, Dissolved	0.25	mg/L		05/27/14 10:37	
	REDOX	-80.1	mV		05/27/14 10:37	
	Turbidity	1.59	NTU		05/27/14 10:37	
	Water Level(NGVD)	27.38	feet		05/27/14 10:37	
EPA 6010	Barium	142	ug/L	10.0	06/01/14 23:14	
EPA 6010	Iron	29800	ug/L	40.0	06/01/14 23:14	
EPA 6010	Sodium	40.4	mg/L	1.0	06/01/14 23:14	
SM 2540C	Total Dissolved Solids	841	mg/L	5.0	05/30/14 17:56	
EPA 300.0	Chloride	53.0	mg/L	10.0	05/28/14 21:10	
EPA 300.0	Sulfate	195	mg/L	25.0	06/05/14 17:41	
EPA 350.1	Nitrogen, Ammonia	0.12	mg/L	0.050	05/31/14 16:25	
35139512006	**B34-2**					
	Field pH	6.91	Std. Units		05/27/14 11:00	
	Field Temperature	23.60	deg C		05/27/14 11:00	
	Appearance	Color: yellow, Sheen: none			05/27/14 11:00	
	Field Specific Conductance	2121	umhos/cm		05/27/14 11:00	
	Oxygen, Dissolved	0.31	mg/L		05/27/14 11:00	
	REDOX	-76.4	mV		05/27/14 11:00	
	Turbidity	5.91	NTU		05/27/14 11:00	
	Water Level(NGVD)	28.61	feet		05/27/14 11:00	
EPA 6010	Barium	109	ug/L	10.0	06/01/14 23:18	
EPA 6010	Iron	3280	ug/L	40.0	06/01/14 23:18	
EPA 6010	Nickel	8.9	ug/L	5.0	06/01/14 23:18	
EPA 6010	Sodium	96.7	mg/L	1.0	06/01/14 23:18	
SM 2540C	Total Dissolved Solids	1680	mg/L	5.0	05/30/14 17:56	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512006	**B34-2**					
EPA 300.0	Chloride	94.5	mg/L	25.0	05/29/14 04:18	
EPA 300.0	Sulfate	284	mg/L	25.0	05/29/14 04:18	
EPA 350.1	Nitrogen, Ammonia	0.16	mg/L	0.050	06/05/14 11:48	
35139512007	**B63-1**					
	Field pH	6.65	Std. Units		05/27/14 11:58	
	Field Temperature	23.13	deg C		05/27/14 11:58	
	Appearance	Color: yellow, Sheen: none			05/27/14 11:58	
	Field Specific Conductance	491	umhos/cm		05/27/14 11:58	
	Oxygen, Dissolved	0.18	mg/L		05/27/14 11:58	
	REDOX	-54.1	mV		05/27/14 11:58	
	Turbidity	0.44	NTU		05/27/14 11:58	
	Water Level(NGVD)	28.61	feet		05/27/14 11:58	
EPA 6010	Barium	44.2	ug/L	10.0	06/01/14 23:22	
EPA 6010	Iron	2340	ug/L	40.0	06/01/14 23:22	
EPA 6010	Sodium	51.3	mg/L	1.0	06/01/14 23:22	
SM 2540C	Total Dissolved Solids	335	mg/L	5.0	06/03/14 10:43	
EPA 300.0	Chloride	32.5	mg/L	5.0	05/29/14 04:40	
EPA 350.1	Nitrogen, Ammonia	0.12	mg/L	0.050	06/05/14 11:50	
35139512008	**B63-2**					
	Field pH	6.59	Std. Units		05/27/14 12:30	
	Field Temperature	24.12	deg C		05/27/14 12:30	
	Appearance	Color: yellow, Sheen: none			05/27/14 12:30	
	Field Specific Conductance	826	umhos/cm		05/27/14 12:30	
	Oxygen, Dissolved	0.16	mg/L		05/27/14 12:30	
	REDOX	-88.6	mV		05/27/14 12:30	
	Turbidity	15.1	NTU		05/27/14 12:30	
	Water Level(NGVD)	28.47	feet		05/27/14 12:30	
EPA 6010	Barium	63.6	ug/L	10.0	06/01/14 23:26	
EPA 6010	Iron	20400	ug/L	40.0	06/01/14 23:26	
EPA 6010	Sodium	41.3	mg/L	1.0	06/01/14 23:26	
SM 2540C	Total Dissolved Solids	518	mg/L	5.0	06/03/14 10:43	
EPA 300.0	Chloride	57.4	mg/L	5.0	05/28/14 20:37	
EPA 350.1	Nitrogen, Ammonia	0.054	mg/L	0.050	06/05/14 11:52	
35139512009	**B35-1**					
	Field pH	5.67	Std. Units		05/27/14 13:25	
	Field Temperature	24.58	deg C		05/27/14 13:25	
	Appearance	Color: yellow, Sheen: none			05/27/14 13:25	
	Field Specific Conductance	333	umhos/cm		05/27/14 13:25	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512009	**B35-1**					
	Oxygen, Dissolved	0.14	mg/L		05/27/14 13:25	
	REDOX	46.0	mV		05/27/14 13:25	
	Turbidity	2.59	NTU		05/27/14 13:25	
	Water Level(NGVD)	28.49	feet		05/27/14 13:25	
EPA 6010	Barium	94.5	ug/L	10.0	06/01/14 23:29	
EPA 6010	Iron	10900	ug/L	40.0	06/01/14 23:29	
EPA 6010	Sodium	25.6	mg/L	1.0	06/01/14 23:29	
SM 2540C	Total Dissolved Solids	246	mg/L	5.0	06/03/14 10:43	
EPA 300.0	Chloride	70.8	mg/L	5.0	05/28/14 19:33	
EPA 350.1	Nitrogen, Ammonia	0.15	mg/L	0.050	06/05/14 11:54	
35139512010	**B35-2**					
	Field pH	5.38	Std. Units		05/27/14 13:51	
	Field Temperature	24.53	deg C		05/27/14 13:51	
	Appearance	Color: yellow, Sheen: none			05/27/14 13:51	
	Field Specific Conductance	396	umhos/cm		05/27/14 13:51	
	Oxygen, Dissolved	0.03	mg/L		05/27/14 13:51	
	REDOX	53.1	mV		05/27/14 13:51	
	Turbidity	2.45	NTU		05/27/14 13:51	
	Water Level(NGVD)	28.51	feet		05/27/14 13:51	
EPA 6010	Barium	64.4	ug/L	10.0	06/01/14 23:33	
EPA 6010	Chromium	7.2	ug/L	5.0	06/01/14 23:33	
EPA 6010	Iron	9540	ug/L	40.0	06/01/14 23:33	
EPA 6010	Sodium	56.2	mg/L	1.0	06/01/14 23:33	
EPA 6010	Vanadium	12.1	ug/L	10.0	06/01/14 23:33	
SM 2540C	Total Dissolved Solids	298	mg/L	5.0	06/03/14 10:44	
EPA 300.0	Chloride	96.3	mg/L	5.0	05/28/14 18:50	
EPA 350.1	Nitrogen, Ammonia	1.1	mg/L	0.050	06/05/14 11:55	
35139512011	**B36**					
	Field pH	6.40	Std. Units		05/27/14 14:50	
	Field Temperature	24.11	deg C		05/27/14 14:50	
	Appearance	Color: none, Sheen: none			05/27/14 14:50	
	Field Specific Conductance	1763	umhos/cm		05/27/14 14:50	
	Oxygen, Dissolved	0.11	mg/L		05/27/14 14:50	
	REDOX	-40.4	mV		05/27/14 14:50	
	Turbidity	1.33	NTU		05/27/14 14:50	
	Water Level(NGVD)	28.07	feet		05/27/14 14:50	
EPA 6010	Barium	135	ug/L	10.0	06/01/14 23:37	
EPA 6010	Iron	5650	ug/L	40.0	06/01/14 23:37	
EPA 6010	Sodium	120	mg/L	1.0	06/01/14 23:37	
EPA 8260	Benzene	2.5	ug/L	1.0	05/31/14 18:10	
EPA 8260	Chlorobenzene	2.7	ug/L	1.0	05/31/14 18:10	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512011	**B36**					
EPA 8260	1,1-Dichloroethane	1.3	ug/L	1.0	05/31/14 18:10	
EPA 8260	Xylene (Total)	1.0	ug/L	1.0	05/31/14 18:10	
SM 2540C	Total Dissolved Solids	1210	mg/L	10.0	06/03/14 10:44	
EPA 300.0	Chloride	226	mg/L	25.0	05/28/14 19:11	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	06/05/14 12:00	
35139512012	**B37-1**					
	Field pH	6.35	Std. Units		05/27/14 15:45	
	Field Temperature	24.34	deg C		05/27/14 15:45	
	Appearance	Color: yellow, Sheen: none			05/27/14 15:45	
	Field Specific Conductance	2438	umhos/cm		05/27/14 15:45	
	Oxygen, Dissolved	0.11	mg/L		05/27/14 15:45	
	REDOX	-80.2	mV		05/27/14 15:45	
	Turbidity	3.32	NTU		05/27/14 15:45	
	Water Level(NGVD)	27.64	feet		05/27/14 15:45	
EPA 6010	Barium	257	ug/L	10.0	06/01/14 23:41	
EPA 6010	Iron	39700	ug/L	40.0	06/01/14 23:41	
EPA 6010	Sodium	258	mg/L	1.0	06/01/14 23:41	
EPA 8260	Acetone	16.7 I	ug/L	20.0	05/31/14 18:35	
EPA 8260	Benzene	11.5	ug/L	1.0	05/31/14 18:35	
EPA 8260	Chlorobenzene	9.6	ug/L	1.0	05/31/14 18:35	
EPA 8260	1,4-Dichlorobenzene	0.70 I	ug/L	1.0	05/31/14 18:35	
EPA 8260	Toluene	0.55 I	ug/L	1.0	05/31/14 18:35	
EPA 8260	Xylene (Total)	3.2	ug/L	1.0	05/31/14 18:35	
SM 2540C	Total Dissolved Solids	1560	mg/L	10.0	06/03/14 10:45	
EPA 300.0	Chloride	184	mg/L	25.0	05/28/14 19:54	
EPA 350.1	Nitrogen, Ammonia	0.58	mg/L	0.050	06/05/14 12:02	
35139512013	**B37-2**					
	Field pH	6.57	Std. Units		05/27/14 16:15	
	Field Temperature	25.18	deg C		05/27/14 16:15	
	Appearance	Color: yellow, Sheen: none			05/27/14 16:15	
	Field Specific Conductance	398	umhos/cm		05/27/14 16:15	
	Oxygen, Dissolved	0.09	mg/L		05/27/14 16:15	
	REDOX	-72.3	mV		05/27/14 16:15	
	Turbidity	1.66	NTU		05/27/14 16:15	
	Water Level(NGVD)	27.97	feet		05/27/14 16:15	
EPA 6010	Barium	25.6	ug/L	10.0	06/01/14 23:56	
EPA 6010	Iron	6930	ug/L	40.0	06/01/14 23:56	
EPA 6010	Sodium	13.7	mg/L	1.0	06/01/14 23:56	
EPA 8260	Acetone	21.2	ug/L	20.0	05/31/14 19:01	
SM 2540C	Total Dissolved Solids	265	mg/L	5.0	06/03/14 10:45	
EPA 300.0	Chloride	16.2	mg/L	5.0	05/28/14 20:16	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139512013	**B37-2**					
EPA 350.1	Nitrogen, Ammonia	0.19	mg/L	0.050	06/05/14 12:04	
35139512014	**B64**					
	Field pH	6.66	Std. Units		05/27/14 16:56	
	Field Temperature	23.86	deg C		05/27/14 16:56	
	Appearance	Color: yellow, Sheen: none			05/27/14 16:56	
	Field Specific Conductance	619	umhos/cm		05/27/14 16:56	
	Oxygen, Dissolved	0.28	mg/L		05/27/14 16:56	
	REDOX	-90.8	mV		05/27/14 16:56	
	Turbidity	1.26	NTU		05/27/14 16:56	
	Water Level(NGVD)	26.74	feet		05/27/14 16:56	
EPA 6010	Arsenic	5.9 I	ug/L	10.0	06/01/14 23:59	
EPA 6010	Barium	52.7	ug/L	10.0	06/01/14 23:59	
EPA 6010	Iron	22300	ug/L	40.0	06/01/14 23:59	
EPA 6010	Sodium	39.5	mg/L	1.0	06/01/14 23:59	
EPA 8260	Acetone	31.5	ug/L	20.0	05/31/14 19:26	
EPA 8260	Toluene	1.7	ug/L	1.0	05/31/14 19:26	
SM 2540C	Total Dissolved Solids	419	mg/L	5.0	06/03/14 10:45	
EPA 300.0	Chloride	58.5	mg/L	5.0	05/28/14 20:58	
EPA 350.1	Nitrogen, Ammonia	0.40	mg/L	0.050	06/05/14 12:06	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: EQ Blank 5/27/14 **Lab ID: 35139512001** Collected: 05/27/14 08:00 Received: 05/27/14 17:40 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	**0.0050U**	ug/L	0.020	0.0050	1	05/29/14 10:30	05/30/14 08:19	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 08:19	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 22:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 22:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:48	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:48	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 22:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:33	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:33	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:44	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 00:17	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 00:17	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 00:17	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 00:17	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 00:17	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: EQ Blank 5/27/14 **Lab ID: 35139512001** Collected: 05/27/14 08:00 Received: 05/27/14 17:40 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		05/30/14 00:17	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:17	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 00:17	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 00:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 00:17	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 00:17	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 00:17	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 00:17	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 00:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/30/14 00:17	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/30/14 00:17	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 00:17	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 19:45	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/28/14 19:45	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 19:45	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/31/14 16:19	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 **Lab ID: 35139512002** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.56**	Std. Units			1		05/27/14 08:55		
Field Temperature	**23.34**	deg C			1		05/27/14 08:55		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 08:55		
Field Specific Conductance	**924**	umhos/cm			1		05/27/14 08:55		
Oxygen, Dissolved	**0.25**	mg/L			1		05/27/14 08:55	7782-44-7	
REDOX	**-75.7**	mV			1		05/27/14 08:55		
Turbidity	**1.35**	NTU			1		05/27/14 08:55		
Water Level(NGVD)	**28.91**	feet			1		05/27/14 08:55		
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	05/29/14 10:30	05/30/14 08:34	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/29/14 10:30	05/30/14 08:34	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-38-2	
Barium	**108**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:51	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:51	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-50-8	
Iron	**18500**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 22:51	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 22:51	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 22:51	7440-22-4	
Sodium	**34.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 22:51	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 22:51	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 22:51	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:46	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:07	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 **Lab ID: 35139512002** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 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		05/30/14 01:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:07	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:07	108-05-4	
Vinyl chloride	**0.67 I**	ug/L	1.0	0.50	1		05/30/14 01:07	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/30/14 01:07	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/30/14 01:07	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/30/14 01:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 **Lab ID: 35139512002** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**562**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 20:06	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**28.1**	mg/L	10.0	5.0	2		05/28/14 20:06	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		05/28/14 20:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.31**	mg/L	0.050	0.020	1		05/31/14 16:20	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 Dup **Lab ID: 35139512003** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.56**	Std. Units			1		05/27/14 08:55		
Field Temperature	**23.34**	deg C			1		05/27/14 08:55		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 08:55		
Field Specific Conductance	**924**	umhos/cm			1		05/27/14 08:55		
Oxygen, Dissolved	**0.25**	mg/L			1		05/27/14 08:55	7782-44-7	
REDOX	**-75.7**	mV			1		05/27/14 08:55		
Turbidity	**1.35**	NTU			1		05/27/14 08:55		
Water Level(NGVD)	**28.91**	feet			1		05/27/14 08:55		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.022	0.0053	1	05/29/14 10:30	05/30/14 08:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	05/29/14 10:30	05/30/14 08:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-38-2	
Barium	**110**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-50-8	
Iron	**18900**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:07	7440-22-4	
Sodium	**35.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:38	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:38	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:53	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 01:57	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 01:57	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 01:57	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 Dup **Lab ID: 35139512003** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 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		05/30/14 01:57	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 01:57	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 01:57	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:57	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 01:57	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 01:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 01:57	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 01:57	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 01:57	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 01:57	108-05-4	
Vinyl chloride	**0.60 I**	ug/L	1.0	0.50	1		05/30/14 01:57	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 01:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/30/14 01:57	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		05/30/14 01:57	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 01:57	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-5 Dup **Lab ID: 35139512003** Collected: 05/27/14 08:55 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**566**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 20:28	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**27.5**	mg/L	10.0	5.0	2		05/28/14 20:28	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		05/28/14 20:28	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.31**	mg/L	0.050	0.020	1		05/31/14 16:21	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-2 **Lab ID: 35139512004** Collected: 05/27/14 09:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.53**	Std. Units			1		05/27/14 09:50		
Field Temperature	**25.59**	deg C			1		05/27/14 09:50		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 09:50		
Field Specific Conductance	**916**	umhos/cm			1		05/27/14 09:50		
Oxygen, Dissolved	**0.24**	mg/L			1		05/27/14 09:50	7782-44-7	
REDOX	**31.9**	mV			1		05/27/14 09:50		
Turbidity	**1.44**	NTU			1		05/27/14 09:50		
Water Level(NGVD)	**23.61**	feet			1		05/27/14 09:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 09:20	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	05/29/14 10:30	05/30/14 09:20	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-38-2	
Barium	**110**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-39-3	
Beryllium	**1.7**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:10	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:10	7440-43-9	
Chromium	**3.5 I**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-50-8	
Iron	**38300**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:10	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:10	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:10	7440-22-4	
Sodium	**28.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:10	7440-23-5	
Vanadium	**17.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:10	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:10	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:48	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:48	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:22	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:22	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:22	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-2 **Lab ID: 35139512004** Collected: 05/27/14 09:50 Received: 05/27/14 17:40 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		05/30/14 02:22	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:22	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:22	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:22	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:22	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:22	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:22	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:22	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:22	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-114		1		05/30/14 02:22	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		05/30/14 02:22	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/30/14 02:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B-2 **Lab ID: 35139512004** Collected: 05/27/14 09:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**743**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 20:49	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**36.1**	mg/L	10.0	5.0	2		05/28/14 20:49	16887-00-6	
Sulfate	**331**	mg/L	50.0	25.0	10		06/08/14 21:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**3.3**	mg/L	0.050	0.020	1		05/31/14 16:24	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-1 **Lab ID: 35139512005** Collected: 05/27/14 10:37 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.51**	Std. Units			1		05/27/14 10:37		
Field Temperature	**23.12**	deg C			1		05/27/14 10:37		
Appearance	**Color: none, Sheen: none**				1		05/27/14 10:37		
Field Specific Conductance	**1154**	umhos/cm			1		05/27/14 10:37		
Oxygen, Dissolved	**0.25**	mg/L			1		05/27/14 10:37	7782-44-7	
REDOX	**-80.1**	mV			1		05/27/14 10:37		
Turbidity	**1.59**	NTU			1		05/27/14 10:37		
Water Level(NGVD)	**27.38**	feet			1		05/27/14 10:37		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0048U**	ug/L	0.020	0.0048	1	05/29/14 10:30	05/30/14 09:35	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	05/29/14 10:30	05/30/14 09:35	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-38-2	
Barium	**142**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-50-8	
Iron	**29800**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:14	7440-22-4	
Sodium	**40.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:14	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:57	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 02:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 02:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 02:47	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-1 **Lab ID: 35139512005** Collected: 05/27/14 10:37 Received: 05/27/14 17:40 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		05/30/14 02:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 02:47	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 02:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 02:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 02:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 02:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 02:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 02:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 02:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 02:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-114		1		05/30/14 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		05/30/14 02:47	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 02:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-1 **Lab ID: 35139512005** Collected: 05/27/14 10:37 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**841**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/28/14 21:10	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**53.0**	mg/L	10.0	5.0	2		05/28/14 21:10	16887-00-6	
Sulfate	**195**	mg/L	25.0	12.5	5		06/05/14 17:41	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.12**	mg/L	0.050	0.020	1		05/31/14 16:25	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-2 **Lab ID: 35139512006** Collected: 05/27/14 11:00 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.91**	Std. Units			1		05/27/14 11:00		
Field Temperature	**23.60**	deg C			1		05/27/14 11:00		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 11:00		
Field Specific Conductance	**2121**	umhos/cm			1		05/27/14 11:00		
Oxygen, Dissolved	**0.31**	mg/L			1		05/27/14 11:00	7782-44-7	
REDOX	**-76.4**	mV			1		05/27/14 11:00		
Turbidity	**5.91**	NTU			1		05/27/14 11:00		
Water Level(NGVD)	**28.61**	feet			1		05/27/14 11:00		
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	05/29/14 10:30	05/30/14 09:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 09:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-38-2	
Barium	**109**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-50-8	
Iron	**3280**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7439-92-1	
Nickel	**8.9**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:18	7440-22-4	
Sodium	**96.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:18	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:18	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:53	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:53	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 08:59	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:12	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:12	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:12	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-2 **Lab ID: 35139512006** Collected: 05/27/14 11:00 Received: 05/27/14 17:40 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		05/30/14 03:12	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:12	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:12	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:12	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:12	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:12	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:12	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:12	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:12	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-114		1		05/30/14 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/30/14 03:12	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 03:12	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B34-2 **Lab ID: 35139512006** Collected: 05/27/14 11:00 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1680**	mg/L	5.0	5.0	1		05/30/14 17:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/29/14 04:18	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**94.5**	mg/L	25.0	12.5	5		05/29/14 04:18	16887-00-6	
Sulfate	**284**	mg/L	25.0	12.5	5		05/29/14 04:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.16**	mg/L	0.050	0.020	1		06/05/14 11:48	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-1 **Lab ID: 35139512007** Collected: 05/27/14 11:58 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.65**	Std. Units			1		05/27/14 11:58		
Field Temperature	**23.13**	deg C			1		05/27/14 11:58		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 11:58		
Field Specific Conductance	**491**	umhos/cm			1		05/27/14 11:58		
Oxygen, Dissolved	**0.18**	mg/L			1		05/27/14 11:58	7782-44-7	
REDOX	**-54.1**	mV			1		05/27/14 11:58		
Turbidity	**0.44**	NTU			1		05/27/14 11:58		
Water Level(NGVD)	**28.61**	feet			1		05/27/14 11:58		
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	05/29/14 10:30	05/30/14 10:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 10:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-38-2	
Barium	**44.2**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:22	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:22	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-50-8	
Iron	**2340**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:22	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:22	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:22	7440-22-4	
Sodium	**51.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:22	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:22	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:22	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:55	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:01	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/30/14 03:37	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/30/14 03:37	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/30/14 03:37	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-1 **Lab ID: 35139512007** Collected: 05/27/14 11:58 Received: 05/27/14 17:40 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		05/30/14 03:37	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/30/14 03:37	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/30/14 03:37	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:37	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/30/14 03:37	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/30/14 03:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/30/14 03:37	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/30/14 03:37	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/30/14 03:37	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/30/14 03:37	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/30/14 03:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/30/14 03:37	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		05/30/14 03:37	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/30/14 03:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-1 **Lab ID: 35139512007** Collected: 05/27/14 11:58 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**335**	mg/L	5.0	5.0	1		06/03/14 10:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 04:40	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**32.5**	mg/L	5.0	2.5	1		05/29/14 04:40	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 04:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.12**	mg/L	0.050	0.020	1		06/05/14 11:50	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-2 **Lab ID: 35139512008** Collected: 05/27/14 12:30 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.59**	Std. Units			1		05/27/14 12:30		
Field Temperature	**24.12**	deg C			1		05/27/14 12:30		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 12:30		
Field Specific Conductance	**826**	umhos/cm			1		05/27/14 12:30		
Oxygen, Dissolved	**0.16**	mg/L			1		05/27/14 12:30	7782-44-7	
REDOX	**-88.6**	mV			1		05/27/14 12:30		
Turbidity	**15.1**	NTU			1		05/27/14 12:30		
Water Level(NGVD)	**28.47**	feet			1		05/27/14 12:30		
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	05/29/14 10:30	05/30/14 10:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 10:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-38-2	
Barium	**63.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:26	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:26	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-50-8	
Iron	**20400**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:26	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:26	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:26	7440-22-4	
Sodium	**41.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:26	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:26	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:26	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:58	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:58	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 16:54	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 16:54	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 16:54	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-2 **Lab ID: 35139512008** Collected: 05/27/14 12:30 Received: 05/27/14 17:40 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		05/31/14 16:54	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 16:54	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 16:54	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 16:54	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 16:54	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 16:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 16:54	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 16:54	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 16:54	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 16:54	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 16:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-114		1		05/31/14 16:54	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/31/14 16:54	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/31/14 16:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B63-2 **Lab ID: 35139512008** Collected: 05/27/14 12:30 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**518**	mg/L	5.0	5.0	1		06/03/14 10:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 20:37	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**57.4**	mg/L	5.0	2.5	1		05/28/14 20:37	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 20:37	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.054**	mg/L	0.050	0.020	1		06/05/14 11:52	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-1 **Lab ID: 35139512009** Collected: 05/27/14 13:25 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.67**	Std. Units			1		05/27/14 13:25		
Field Temperature	**24.58**	deg C			1		05/27/14 13:25		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 13:25		
Field Specific Conductance	**333**	umhos/cm			1		05/27/14 13:25		
Oxygen, Dissolved	**0.14**	mg/L			1		05/27/14 13:25	7782-44-7	
REDOX	**46.0**	mV			1		05/27/14 13:25		
Turbidity	**2.59**	NTU			1		05/27/14 13:25		
Water Level(NGVD)	**28.49**	feet			1		05/27/14 13:25		
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	05/29/14 10:30	05/30/14 10:37	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/29/14 10:30	05/30/14 10:37	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-38-2	
Barium	**94.5**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:29	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:29	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-50-8	
Iron	**10900**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:29	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:29	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:29	7440-22-4	
Sodium	**25.6**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:29	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:29	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:29	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 17:19	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 17:19	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 17:19	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-1 **Lab ID: 35139512009** Collected: 05/27/14 13:25 Received: 05/27/14 17:40 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		05/31/14 17:19	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 17:19	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 17:19	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:19	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:19	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:19	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 17:19	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 17:19	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 17:19	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/31/14 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 17:19	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/31/14 17:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-1 **Lab ID: 35139512009** Collected: 05/27/14 13:25 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**246**	mg/L	5.0	5.0	1		06/03/14 10:43		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 19:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**70.8**	mg/L	5.0	2.5	1		05/28/14 19:33	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 19:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.15**	mg/L	0.050	0.020	1		06/05/14 11:54	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-2 **Lab ID: 35139512010** Collected: 05/27/14 13:51 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.38**	Std. Units			1		05/27/14 13:51		
Field Temperature	**24.53**	deg C			1		05/27/14 13:51		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 13:51		
Field Specific Conductance	**396**	umhos/cm			1		05/27/14 13:51		
Oxygen, Dissolved	**0.03**	mg/L			1		05/27/14 13:51	7782-44-7	
REDOX	**53.1**	mV			1		05/27/14 13:51		
Turbidity	**2.45**	NTU			1		05/27/14 13:51		
Water Level(NGVD)	**28.51**	feet			1		05/27/14 13:51		
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	05/29/14 10:30	05/30/14 10:52	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 10:52	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-38-2	
Barium	**64.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:33	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:33	7440-43-9	
Chromium	**7.2**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-50-8	
Iron	**9540**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:33	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:33	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:33	7440-22-4	
Sodium	**56.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:33	7440-23-5	
Vanadium	**12.1**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:33	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:33	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:03	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:03	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 12:25	05/29/14 09:08	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 17:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 17:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 17:45	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-2 **Lab ID: 35139512010** Collected: 05/27/14 13:51 Received: 05/27/14 17:40 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		05/31/14 17:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 17:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 17:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 17:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 17:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 17:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 17:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 17:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 17:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/31/14 17:45	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		05/31/14 17:45	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/31/14 17:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B35-2 **Lab ID: 35139512010** Collected: 05/27/14 13:51 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**298**	mg/L	5.0	5.0	1		06/03/14 10:44		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 18:50	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**96.3**	mg/L	5.0	2.5	1		05/28/14 18:50	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 18:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.1**	mg/L	0.050	0.020	1		06/05/14 11:55	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B36 **Lab ID: 35139512011** Collected: 05/27/14 14:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.40**	Std. Units			1		05/27/14 14:50		
Field Temperature	**24.11**	deg C			1		05/27/14 14:50		
Appearance	**Color: none, Sheen: none**				1		05/27/14 14:50		
Field Specific Conductance	**1763**	umhos/cm			1		05/27/14 14:50		
Oxygen, Dissolved	**0.11**	mg/L			1		05/27/14 14:50	7782-44-7	
REDOX	**-40.4**	mV			1		05/27/14 14:50		
Turbidity	**1.33**	NTU			1		05/27/14 14:50		
Water Level(NGVD)	**28.07**	feet			1		05/27/14 14:50		
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	05/29/14 10:30	05/30/14 11:07	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/29/14 10:30	05/30/14 11:07	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-38-2	
Barium	**135**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:37	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:37	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-50-8	
Iron	**5650**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:37	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:37	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:37	7440-22-4	
Sodium	**120**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:37	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:37	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:37	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 10:52	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/31/14 18:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	107-13-1	
Benzene	**2.5**	ug/L	1.0	0.10	1		05/31/14 18:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 18:10	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B36 **Lab ID: 35139512011** Collected: 05/27/14 14:50 Received: 05/27/14 17:40 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		05/31/14 18:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	56-23-5	
Chlorobenzene	**2.7**	ug/L	1.0	0.50	1		05/31/14 18:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 18:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 18:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	110-57-6	
1,1-Dichloroethane	**1.3**	ug/L	1.0	0.50	1		05/31/14 18:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 18:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 18:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 18:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 18:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:10	75-01-4	
Xylene (Total)	**1.0**	ug/L	1.0	0.50	1		05/31/14 18:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/31/14 18:10	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 18:10	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/31/14 18:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B36 **Lab ID: 35139512011** Collected: 05/27/14 14:50 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1210**	mg/L	10.0	10.0	1		06/03/14 10:44		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/28/14 19:11	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**226**	mg/L	25.0	12.5	5		05/28/14 19:11	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		05/28/14 19:11	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		06/05/14 12:00	7664-41-7	

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8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-1 **Lab ID: 35139512012** Collected: 05/27/14 15:45 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.35**	Std. Units			1		05/27/14 15:45		
Field Temperature	**24.34**	deg C			1		05/27/14 15:45		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 15:45		
Field Specific Conductance	**2438**	umhos/cm			1		05/27/14 15:45		
Oxygen, Dissolved	**0.11**	mg/L			1		05/27/14 15:45	7782-44-7	
REDOX	**-80.2**	mV			1		05/27/14 15:45		
Turbidity	**3.32**	NTU			1		05/27/14 15:45		
Water Level(NGVD)	**27.64**	feet			1		05/27/14 15:45		
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	05/29/14 10:30	05/30/14 11:23	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/29/14 10:30	05/30/14 11:23	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-38-2	
Barium	**257**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:41	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-50-8	
Iron	**39700**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:41	7440-22-4	
Sodium	**258**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:41	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:41	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:08	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 10:58	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**16.7 I**	ug/L	20.0	10.0	1		05/31/14 18:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	107-13-1	
Benzene	**11.5**	ug/L	1.0	0.10	1		05/31/14 18:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 18:35	75-27-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-1 **Lab ID: 35139512012** Collected: 05/27/14 15:45 Received: 05/27/14 17:40 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		05/31/14 18:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	56-23-5	
Chlorobenzene	**9.6**	ug/L	1.0	0.50	1		05/31/14 18:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 18:35	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 18:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	95-50-1	
1,4-Dichlorobenzene	**0.70 I**	ug/L	1.0	0.50	1		05/31/14 18:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 18:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 18:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 18:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	127-18-4	
Toluene	**0.55 I**	ug/L	1.0	0.50	1		05/31/14 18:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 18:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 18:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 18:35	75-01-4	
Xylene (Total)	**3.2**	ug/L	1.0	0.50	1		05/31/14 18:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-114		1		05/31/14 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		05/31/14 18:35	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/31/14 18:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-1 **Lab ID: 35139512012** Collected: 05/27/14 15:45 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1560**	mg/L	10.0	10.0	1		06/03/14 10:45		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/28/14 19:54	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**184**	mg/L	25.0	12.5	5		05/28/14 19:54	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		05/28/14 19:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.58**	mg/L	0.050	0.020	1		06/05/14 12:02	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-2 **Lab ID: 35139512013** Collected: 05/27/14 16:15 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.57**	Std. Units			1		05/27/14 16:15		
Field Temperature	**25.18**	deg C			1		05/27/14 16:15		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 16:15		
Field Specific Conductance	**398**	umhos/cm			1		05/27/14 16:15		
Oxygen, Dissolved	**0.09**	mg/L			1		05/27/14 16:15	7782-44-7	
REDOX	**-72.3**	mV			1		05/27/14 16:15		
Turbidity	**1.66**	NTU			1		05/27/14 16:15		
Water Level(NGVD)	**27.97**	feet			1		05/27/14 16:15		
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	05/29/14 10:30	05/30/14 11:54	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/29/14 10:30	05/30/14 11:54	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-38-2	
Barium	**25.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:56	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-50-8	
Iron	**6930**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:56	7440-22-4	
Sodium	**13.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:56	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:56	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:10	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:10	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:02	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**21.2**	ug/L	20.0	10.0	1		05/31/14 19:01	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 19:01	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 19:01	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-2 **Lab ID: 35139512013** Collected: 05/27/14 16:15 Received: 05/27/14 17:40 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		05/31/14 19:01	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 19:01	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 19:01	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:01	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:01	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 19:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:01	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 19:01	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 19:01	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 19:01	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/31/14 19:01	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 19:01	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/31/14 19:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B37-2 **Lab ID: 35139512013** Collected: 05/27/14 16:15 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**265**	mg/L	5.0	5.0	1		06/03/14 10:45		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 20:16	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**16.2**	mg/L	5.0	2.5	1		05/28/14 20:16	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 20:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.19**	mg/L	0.050	0.020	1		06/05/14 12:04	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B64 **Lab ID: 35139512014** Collected: 05/27/14 16:56 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.66**	Std. Units			1		05/27/14 16:56		
Field Temperature	**23.86**	deg C			1		05/27/14 16:56		
Appearance	**Color: yellow, Sheen: none**				1		05/27/14 16:56		
Field Specific Conductance	**619**	umhos/cm			1		05/27/14 16:56		
Oxygen, Dissolved	**0.28**	mg/L			1		05/27/14 16:56	7782-44-7	
REDOX	**-90.8**	mV			1		05/27/14 16:56		
Turbidity	**1.26**	NTU			1		05/27/14 16:56		
Water Level(NGVD)	**26.74**	feet			1		05/27/14 16:56		
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	05/29/14 10:30	05/30/14 12:09	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/29/14 10:30	05/30/14 12:09	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.9 I**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-38-2	
Barium	**52.7**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:59	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:59	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-50-8	
Iron	**22300**	ug/L	40.0	20.0	1	05/31/14 12:55	06/01/14 23:59	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/01/14 23:59	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/01/14 23:59	7440-22-4	
Sodium	**39.5**	mg/L	1.0	0.50	1	05/31/14 12:55	06/01/14 23:59	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/01/14 23:59	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/01/14 23:59	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:20	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:20	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**31.5**	ug/L	20.0	10.0	1		05/31/14 19:26	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 19:26	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 19:26	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B64 **Lab ID: 35139512014** Collected: 05/27/14 16:56 Received: 05/27/14 17:40 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		05/31/14 19:26	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 19:26	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 19:26	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:26	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 19:26	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 19:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 19:26	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 19:26	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	127-18-4	
Toluene	**1.7**	ug/L	1.0	0.50	1		05/31/14 19:26	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 19:26	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 19:26	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 19:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		05/31/14 19:26	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		05/31/14 19:26	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/31/14 19:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: B64 **Lab ID: 35139512014** Collected: 05/27/14 16:56 Received: 05/27/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**419**	mg/L	5.0	5.0	1		06/03/14 10:45		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/28/14 20:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**58.5**	mg/L	5.0	2.5	1		05/28/14 20:58	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/28/14 20:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.40**	mg/L	0.050	0.020	1		06/05/14 12:06	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: Trip Blank 5-27-14 **Lab ID: 35139512015** Collected: 05/27/14 00:00 Received: 05/27/14 17:40 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		05/31/14 12:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/31/14 12:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/31/14 12:16	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/31/14 12:16	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/31/14 12:16	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/31/14 12:16	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 12:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/31/14 12:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/31/14 12:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/31/14 12:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/31/14 12:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/31/14 12:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/31/14 12:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/31/14 12:16	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Sample: Trip Blank 5-27-14 **Lab ID: 35139512015** Collected: 05/27/14 00:00 Received: 05/27/14 17:40 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		05/31/14 12:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		05/31/14 12:16	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/31/14 12:16	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/31/14 12:16	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MERP/4668 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010

METHOD BLANK: 913379 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/29/14 08:08	

LABORATORY CONTROL SAMPLE: 913380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.2	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913381 913382

Parameter	Units	35139338005 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	1.9	1.9	96	97	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MERP/4687 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 918481 Matrix: Water
Associated Lab Samples: 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	06/04/14 10:47	

LABORATORY CONTROL SAMPLE: 918482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 918483 918484

Parameter	Units	35139512011 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	1.8	90	92	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MPRP/18773 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 916673 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/01/14 21:56	
Barium	ug/L	5.0U	10.0	06/01/14 21:56	
Beryllium	ug/L	0.50U	1.0	06/01/14 21:56	
Cadmium	ug/L	0.50U	1.0	06/01/14 21:56	
Chromium	ug/L	2.5U	5.0	06/01/14 21:56	
Cobalt	ug/L	5.0U	10.0	06/01/14 21:56	
Copper	ug/L	2.5U	5.0	06/01/14 21:56	
Iron	ug/L	20.0U	40.0	06/01/14 21:56	
Lead	ug/L	5.0U	10.0	06/01/14 21:56	
Nickel	ug/L	2.5U	5.0	06/01/14 21:56	
Selenium	ug/L	7.5U	15.0	06/01/14 21:56	
Silver	ug/L	2.5U	5.0	06/01/14 21:56	
Sodium	mg/L	0.50U	1.0	06/01/14 21:56	
Vanadium	ug/L	5.0U	10.0	06/01/14 21:56	
Zinc	ug/L	10.0U	20.0	06/01/14 21:56	

LABORATORY CONTROL SAMPLE: 916674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	248	99	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	26.1	104	80-120	
Cadmium	ug/L	25	26.2	105	80-120	
Chromium	ug/L	250	260	104	80-120	
Cobalt	ug/L	250	264	105	80-120	
Copper	ug/L	250	258	103	80-120	
Iron	ug/L	2500	2640	105	80-120	
Lead	ug/L	250	267	107	80-120	
Nickel	ug/L	250	262	105	80-120	
Selenium	ug/L	250	261	104	80-120	
Silver	ug/L	25	26.2	105	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	258	103	80-120	
Zinc	ug/L	1250	1280	102	80-120	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916675 916676

Parameter	Units	35139176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	31.6	250	250	278	278	98	98	75-125	0	20	
Barium	ug/L	71.4	250	250	332	331	104	104	75-125	.2	20	
Beryllium	ug/L	0.50U	25	25	26.0	26.1	104	105	75-125	.7	20	
Cadmium	ug/L	0.50U	25	25	25.7	25.8	103	103	75-125	.3	20	
Chromium	ug/L	2.5U	250	250	259	259	103	103	75-125	.1	20	
Cobalt	ug/L	5.0U	250	250	263	262	103	103	75-125	.3	20	
Copper	ug/L	2.5U	250	250	260	261	104	104	75-125	.6	20	
Iron	ug/L	976	2500	2500	3560	3570	103	104	75-125	.3	20	
Lead	ug/L	5.0U	250	250	258	256	103	102	75-125	1	20	
Nickel	ug/L	19.9	250	250	276	275	102	102	75-125	.3	20	
Selenium	ug/L	7.5U	250	250	258	256	102	101	75-125	.5	20	
Silver	ug/L	2.5U	25	25	26.2	26.4	105	106	75-125	.9	20	
Sodium	mg/L	30.9	12.5	12.5	43.9	43.3	104	100	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	261	263	103	103	75-125	.5	20	
Zinc	ug/L	10.0U	1250	1250	1260	1260	101	101	75-125	.08	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MPRP/18774 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 916677 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 02:58	
Thallium	ug/L	0.50U	1.0	06/01/14 02:58	

LABORATORY CONTROL SAMPLE: 916678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.4	97	80-120	
Thallium	ug/L	50	49.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916679 916680

Parameter	Units	35139176002 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	48.1	47.6	96	95	75-125	1	20	
Thallium	ug/L	0.50U	50	50	50.6	49.6	101	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MSV/11822 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

METHOD BLANK: 914997 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/29/14 23:02	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/29/14 23:02	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 23:02	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/29/14 23:02	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/29/14 23:02	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/29/14 23:02	
2-Hexanone	ug/L	5.0U	10.0	05/29/14 23:02	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/29/14 23:02	
Acetone	ug/L	10.0U	20.0	05/29/14 23:02	
Acrylonitrile	ug/L	5.0U	10.0	05/29/14 23:02	
Benzene	ug/L	0.10U	1.0	05/29/14 23:02	
Bromochloromethane	ug/L	0.50U	1.0	05/29/14 23:02	
Bromodichloromethane	ug/L	0.27U	0.60	05/29/14 23:02	
Bromoform	ug/L	0.50U	1.0	05/29/14 23:02	
Bromomethane	ug/L	0.50U	1.0	05/29/14 23:02	
Carbon disulfide	ug/L	5.0U	10.0	05/29/14 23:02	
Carbon tetrachloride	ug/L	0.50U	1.0	05/29/14 23:02	
Chlorobenzene	ug/L	0.50U	1.0	05/29/14 23:02	
Chloroethane	ug/L	0.50U	1.0	05/29/14 23:02	
Chloroform	ug/L	0.50U	1.0	05/29/14 23:02	
Chloromethane	ug/L	0.62U	1.0	05/29/14 23:02	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 23:02	
Dibromochloromethane	ug/L	0.26U	0.50	05/29/14 23:02	
Dibromomethane	ug/L	0.50U	1.0	05/29/14 23:02	
Ethylbenzene	ug/L	0.50U	1.0	05/29/14 23:02	
Iodomethane	ug/L	0.50U	1.0	05/29/14 23:02	
Methylene Chloride	ug/L	2.5U	5.0	05/29/14 23:02	
Styrene	ug/L	0.50U	1.0	05/29/14 23:02	
Tetrachloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
Toluene	ug/L	0.50U	1.0	05/29/14 23:02	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/29/14 23:02	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/29/14 23:02	
Trichloroethene	ug/L	0.50U	1.0	05/29/14 23:02	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

METHOD BLANK: 914997 Matrix: Water

Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	05/29/14 23:02	
Vinyl acetate	ug/L	1.0U	2.0	05/29/14 23:02	
Vinyl chloride	ug/L	0.50U	1.0	05/29/14 23:02	
Xylene (Total)	ug/L	0.50U	1.0	05/29/14 23:02	
1,2-Dichloroethane-d4 (S)	%	103	86-125	05/29/14 23:02	
4-Bromofluorobenzene (S)	%	88	70-114	05/29/14 23:02	
Toluene-d8 (S)	%	101	87-113	05/29/14 23:02	

LABORATORY CONTROL SAMPLE: 914998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	102	70-130	
1,1,1-Trichloroethane	ug/L	20	20.1	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethene	ug/L	20	19.1	96	70-130	
1,2,3-Trichloropropane	ug/L	20	20.5	103	70-130	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	19.9	99	70-130	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,4-Dichlorobenzene	ug/L	20	20.1	100	70-130	
2-Butanone (MEK)	ug/L	40	40.1	100	55-167	
2-Hexanone	ug/L	40	38.7	97	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.7	94	70-130	
Acetone	ug/L	40	41.8	105	40-150	
Acrylonitrile	ug/L	200	200	100	70-130	
Benzene	ug/L	20	20.4	102	70-130	
Bromochloromethane	ug/L	20	22.2	111	70-130	
Bromodichloromethane	ug/L	20	19.7	98	70-130	
Bromoform	ug/L	20	17.2	86	68-130	
Bromomethane	ug/L	20	17.8	89	38-179	
Carbon disulfide	ug/L	20	18.5	92	51-155	
Carbon tetrachloride	ug/L	20	19.3	97	70-130	
Chlorobenzene	ug/L	20	20.5	102	70-130	
Chloroethane	ug/L	20	19.5	98	59-149	
Chloroform	ug/L	20	21.2	106	70-130	
Chloromethane	ug/L	20	18.3	92	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.2	96	70-130	
Dibromochloromethane	ug/L	20	19.7	99	70-130	
Dibromomethane	ug/L	20	19.7	99	70-130	
Ethylbenzene	ug/L	20	20.5	103	70-130	
Iodomethane	ug/L	40	39.0	98	43-160	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

LABORATORY CONTROL SAMPLE: 914998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	19.0	95	70-130	
Styrene	ug/L	20	20.7	104	70-130	
Tetrachloroethene	ug/L	20	24.2	121	66-133	
Toluene	ug/L	20	20.8	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.7	98	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.2	86	65-130	
Trichloroethene	ug/L	20	20.5	102	70-130	
Trichlorofluoromethane	ug/L	20	19.6	98	70-131	
Vinyl acetate	ug/L	20	17.5	87	69-135	
Vinyl chloride	ug/L	20	20.8	104	69-140	
Xylene (Total)	ug/L	60	61.1	102	70-130	
1,2-Dichloroethane-d4 (S)	%			98	86-125	
4-Bromofluorobenzene (S)	%			97	70-114	
Toluene-d8 (S)	%			98	87-113	

MATRIX SPIKE SAMPLE: 917423

Parameter	Units	35139512003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.3	101	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.3	107	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20.9	104	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.4	107	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.4	102	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	19.8	99	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	20.2	101	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.5	98	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.8	99	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.7	99	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	18.9	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	40.4	101	48-138	
2-Hexanone	ug/L	5.0U	40	40.8	102	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	38.7	97	28-143	
Acetone	ug/L	10.0U	40	44.9	105	20-140	
Acrylonitrile	ug/L	5.0U	200	205	103	46-130	
Benzene	ug/L	0.10U	20	20.5	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.5	107	54-132	
Bromodichloromethane	ug/L	0.27U	20	19.4	97	46-130	
Bromoform	ug/L	0.50U	20	17.0	85	32-130	
Bromomethane	ug/L	0.50U	20	11.7	59	20-152	
Carbon disulfide	ug/L	5.0U	20	19.6	98	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.2	101	37-137	
Chlorobenzene	ug/L	0.50U	20	20.6	102	46-130	
Chloroethane	ug/L	0.50U	20	20.1	100	48-159	
Chloroform	ug/L	0.50U	20	20.8	104	51-130	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

MATRIX SPIKE SAMPLE: 917423

Parameter	Units	35139512003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	0.62U	20	17.8	89	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.4	97	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.3	87	45-130	
Dibromochloromethane	ug/L	0.26U	20	19.4	97	43-130	
Dibromomethane	ug/L	0.50U	20	19.0	95	50-130	
Ethylbenzene	ug/L	0.50U	20	20.4	102	43-130	
Iodomethane	ug/L	0.50U	40	30.8	77	20-169	
Methylene Chloride	ug/L	2.5U	20	19.1	95	51-135	
Styrene	ug/L	0.50U	20	19.8	99	40-130	
Tetrachloroethene	ug/L	0.50U	20	17.0	85	26-130	
Toluene	ug/L	0.50U	20	20.9	105	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.6	98	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.6	93	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	16.4	82	20-139	
Trichloroethene	ug/L	0.50U	20	20.8	104	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	21.8	109	46-146	
Vinyl acetate	ug/L	1.0U	20	15.1	76	20-165	
Vinyl chloride	ug/L	0.60 I	20	21.8	106	57-142	
Xylene (Total)	ug/L	0.50U	60	61.5	103	42-130	
1,2-Dichloroethane-d4 (S)	%				93	86-125	
4-Bromofluorobenzene (S)	%				98	70-114	
Toluene-d8 (S)	%				97	87-113	

SAMPLE DUPLICATE: 917422

Parameter	Units	35139512002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

SAMPLE DUPLICATE: 917422

Parameter	Units	35139512002 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.67 I	0.63 I		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	105	106	2		
4-Bromofluorobenzene (S)	%	87	87	.1		
Toluene-d8 (S)	%	100	99	.6		

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: MSV/11838 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014, 35139512015

METHOD BLANK: 916763 Matrix: Water
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014, 35139512015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/31/14 11:25	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/31/14 11:25	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/31/14 11:25	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/31/14 11:25	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/31/14 11:25	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/31/14 11:25	
2-Hexanone	ug/L	5.0U	10.0	05/31/14 11:25	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/31/14 11:25	
Acetone	ug/L	10.0U	20.0	05/31/14 11:25	
Acrylonitrile	ug/L	5.0U	10.0	05/31/14 11:25	
Benzene	ug/L	0.10U	1.0	05/31/14 11:25	
Bromochloromethane	ug/L	0.50U	1.0	05/31/14 11:25	
Bromodichloromethane	ug/L	0.27U	0.60	05/31/14 11:25	
Bromoform	ug/L	0.50U	1.0	05/31/14 11:25	
Bromomethane	ug/L	0.50U	1.0	05/31/14 11:25	
Carbon disulfide	ug/L	5.0U	10.0	05/31/14 11:25	
Carbon tetrachloride	ug/L	0.50U	1.0	05/31/14 11:25	
Chlorobenzene	ug/L	0.50U	1.0	05/31/14 11:25	
Chloroethane	ug/L	0.50U	1.0	05/31/14 11:25	
Chloroform	ug/L	0.50U	1.0	05/31/14 11:25	
Chloromethane	ug/L	0.62U	1.0	05/31/14 11:25	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/31/14 11:25	
Dibromochloromethane	ug/L	0.26U	0.50	05/31/14 11:25	
Dibromomethane	ug/L	0.50U	1.0	05/31/14 11:25	
Ethylbenzene	ug/L	0.50U	1.0	05/31/14 11:25	
Iodomethane	ug/L	0.50U	1.0	05/31/14 11:25	
Methylene Chloride	ug/L	2.5U	5.0	05/31/14 11:25	
Styrene	ug/L	0.50U	1.0	05/31/14 11:25	
Tetrachloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
Toluene	ug/L	0.50U	1.0	05/31/14 11:25	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

METHOD BLANK: 916763 Matrix: Water

Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014, 35139512015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/31/14 11:25	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/31/14 11:25	
Trichloroethene	ug/L	0.50U	1.0	05/31/14 11:25	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/31/14 11:25	
Vinyl acetate	ug/L	1.0U	2.0	05/31/14 11:25	
Vinyl chloride	ug/L	0.50U	1.0	05/31/14 11:25	
Xylene (Total)	ug/L	0.50U	1.0	05/31/14 11:25	
1,2-Dichloroethane-d4 (S)	%	102	86-125	05/31/14 11:25	
4-Bromofluorobenzene (S)	%	90	70-114	05/31/14 11:25	
Toluene-d8 (S)	%	98	87-113	05/31/14 11:25	

LABORATORY CONTROL SAMPLE: 916764

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	104	70-130	
1,1,1-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.3	107	70-130	
1,1,2-Trichloroethane	ug/L	20	21.9	110	70-130	
1,1-Dichloroethane	ug/L	20	20.2	101	70-130	
1,1-Dichloroethene	ug/L	20	18.8	94	70-130	
1,2,3-Trichloropropane	ug/L	20	20.5	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.2	96	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.3	106	70-130	
1,2-Dichlorobenzene	ug/L	20	20.4	102	70-130	
1,2-Dichloroethane	ug/L	20	19.1	95	70-130	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,4-Dichlorobenzene	ug/L	20	19.4	97	70-130	
2-Butanone (MEK)	ug/L	40	49.2	123	55-167	
2-Hexanone	ug/L	40	45.7	114	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	43.0	107	70-130	
Acetone	ug/L	40	54.6	136	40-150	
Acrylonitrile	ug/L	200	206	103	70-130	
Benzene	ug/L	20	20.3	102	70-130	
Bromochloromethane	ug/L	20	21.0	105	70-130	
Bromodichloromethane	ug/L	20	19.0	95	70-130	
Bromoform	ug/L	20	18.0	90	68-130	
Bromomethane	ug/L	20	14.3	72	38-179	
Carbon disulfide	ug/L	20	21.3	106	51-155	
Carbon tetrachloride	ug/L	20	19.6	98	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	16.9	85	59-149	
Chloroform	ug/L	20	20.7	103	70-130	
Chloromethane	ug/L	20	18.4	92	68-130	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

LABORATORY CONTROL SAMPLE: 916764

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.1	96	70-130	
Dibromochloromethane	ug/L	20	19.9	100	70-130	
Dibromomethane	ug/L	20	20.7	104	70-130	
Ethylbenzene	ug/L	20	20.6	103	70-130	
Iodomethane	ug/L	40	39.2	98	43-160	
Methylene Chloride	ug/L	20	18.9	95	70-130	
Styrene	ug/L	20	21.0	105	70-130	
Tetrachloroethene	ug/L	20	19.1	95	66-133	
Toluene	ug/L	20	21.1	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.0	105	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	16.1	80	65-130	
Trichloroethene	ug/L	20	20.9	105	70-130	
Trichlorofluoromethane	ug/L	20	15.5	78	70-131	
Vinyl acetate	ug/L	20	21.7	109	69-135	
Vinyl chloride	ug/L	20	17.7	88	69-140	
Xylene (Total)	ug/L	60	62.7	105	70-130	
1,2-Dichloroethane-d4 (S)	%			89	86-125	
4-Bromofluorobenzene (S)	%			103	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 916765

Parameter	Units	35139935016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.4	107	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	22.4	112	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	21.4	107	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.7	108	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	22.0	110	54-137	
1,1-Dichloroethene	ug/L	28.5	20	49.8	106	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	21.7	109	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	18.4	92	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20.5	103	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.4	102	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	20.5	103	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	21.2	106	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.7	98	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	44.3	111	48-138	
2-Hexanone	ug/L	5.0U	40	40.2	100	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	40.2	101	28-143	
Acetone	ug/L	10.0U	40	46.4	116	20-140	
Acrylonitrile	ug/L	5.0U	200	182	91	46-130	
Benzene	ug/L	0.10U	20	21.4	107	53-132	
Bromochloromethane	ug/L	0.50U	20	22.9	115	54-132	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

MATRIX SPIKE SAMPLE: 916765

Parameter	Units	35139935016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	21.0	105	46-130	
Bromoform	ug/L	0.50U	20	17.6	88	32-130	
Bromomethane	ug/L	0.50U	20	14.3	71	20-152	
Carbon disulfide	ug/L	5.0U	20	23.5	116	28-184	
Carbon tetrachloride	ug/L	0.50U	20	23.2	116	37-137	
Chlorobenzene	ug/L	0.50U	20	21.2	106	46-130	
Chloroethane	ug/L	8.8	20	33.6	124	48-159	
Chloroform	ug/L	0.50U	20	22.3	112	51-130	
Chloromethane	ug/L	0.62U	20	18.4	92	39-144	
cis-1,2-Dichloroethene	ug/L	891	20	1230	1690	54-130	J(P6)
cis-1,3-Dichloropropene	ug/L	0.25U	20	18.7	94	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.2	101	43-130	
Dibromomethane	ug/L	0.50U	20	20.1	100	50-130	
Ethylbenzene	ug/L	0.50U	20	21.6	108	43-130	
Iodomethane	ug/L	0.50U	40	34.0	85	20-169	
Methylene Chloride	ug/L	2.5U	20	19.5	98	51-135	
Styrene	ug/L	0.50U	20	21.3	106	40-130	
Tetrachloroethene	ug/L	187	20	246	297	26-130	J(P6)
Toluene	ug/L	0.50U	20	22.1	110	50-130	
trans-1,2-Dichloroethene	ug/L	16.6	20	38.6	110	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.7	98	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	17.3	86	20-139	
Trichloroethene	ug/L	244	20	307	314	42-133	J(P6)
Trichlorofluoromethane	ug/L	0.50U	20	23.3	116	46-146	
Vinyl acetate	ug/L	1.0U	20	19.4	97	20-165	
Vinyl chloride	ug/L	414	20	630	1080	57-142	J(P6)
Xylene (Total)	ug/L	0.50U	60	64.8	108	42-130	
1,2-Dichloroethane-d4 (S)	%				93	86-125	
4-Bromofluorobenzene (S)	%				97	70-114	
Toluene-d8 (S)	%				97	87-113	

SAMPLE DUPLICATE: 916766

Parameter	Units	35139935017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U			
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U			
1,1,2-Trichloroethane	ug/L	0.50U	0.50U			
1,1-Dichloroethane	ug/L	0.50U	0.50U			
1,1-Dichloroethene	ug/L	0.50U	0.50U			
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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			
1,2-Dichloroethane	ug/L	0.50U	0.50U			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

SAMPLE DUPLICATE: 916766

Parameter	Units	35139935017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/L	0.50U	0.50U			
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U			
Bromoform	ug/L	0.50U	0.50U			
Bromomethane	ug/L	0.50U	0.50U			
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U			
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U			
Chloroform	ug/L	0.50U	0.50U			
Chloromethane	ug/L	0.62U	0.62U			
cis-1,2-Dichloroethene	ug/L	0.65 I	0.83 I			
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U			
Dibromochloromethane	ug/L	0.26U	0.26U			
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			
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U			
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U			
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U			
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U			
Trichlorofluoromethane	ug/L	0.50U	0.50U			
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U			
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%		103			
4-Bromofluorobenzene (S)	%		88			
Toluene-d8 (S)	%		98			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: OEXT/17504 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 914513 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/30/14 07:18	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/30/14 07:18	

LABORATORY CONTROL SAMPLE: 914514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.21	85	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914515 914516

Parameter	Units	35139512002 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	0.0052 U	.44	.44	0.50	0.53	114	121	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.0066 U	.44	.44	0.40	0.39	90	90	60-140	.7	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WET/25212 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006

METHOD BLANK: 915595 | Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/30/14 17:52	

LABORATORY CONTROL SAMPLE: 915596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	295	98	90-110	

SAMPLE DUPLICATE: 915597

Parameter	Units	35139338001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0U		20	

SAMPLE DUPLICATE: 915598

Parameter	Units	35139338011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	152	158	4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WET/25266 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 918051 | Matrix: Water
Associated Lab Samples: 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 10:43	

LABORATORY CONTROL SAMPLE: 918052

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	309	103	90-110	

SAMPLE DUPLICATE: 918053

Parameter	Units	35139512007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	335	330	2	20	

SAMPLE DUPLICATE: 918054

Parameter	Units	35139542003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	79.0	72.0	9	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36222 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

METHOD BLANK: 913452 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/28/14 12:58	

LABORATORY CONTROL SAMPLE: 913453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913454 913455

Parameter	Units	35139529001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	6.1	5	5	11.8	11.8	114	113	90-110	.6	20	J(M1), L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913456 913457

Parameter	Units	35139542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.9	4.9	97	97	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36223 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512006, 35139512007

METHOD BLANK: 913461 | Matrix: Water
Associated Lab Samples: 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/29/14 00:02	

LABORATORY CONTROL SAMPLE: 913462

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913463 913464

Parameter	Units	35139543001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	100	100	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36234 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 913650 | Matrix: Water
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/28/14 18:07	

LABORATORY CONTROL SAMPLE: 913651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913652 913653

Parameter	Units	35139539003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	4.1	4.6	82	92	90-110	11	20	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913654 913655

Parameter	Units	92201785001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.59	5	5	5.6	5.5	99	97	90-110	2	20	Q

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36224 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

METHOD BLANK: 913469 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005, 35139512006, 35139512007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/28/14 12:58	
Sulfate	mg/L	2.5U	5.0	05/28/14 12:58	

LABORATORY CONTROL SAMPLE: 913470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.8	96	90-110	
Sulfate	mg/L	50	47.6	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913471 913472

Parameter	Units	35139529001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	106	50	50	163	163	114	114	90-110	.02	20	L
Sulfate	mg/L	25.9	50	50	76.8	77.2	102	103	90-110	.6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913473 913474

Parameter	Units	35139542001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	81.1	50	50	135	135	108	108	90-110	.03	20	J(M1), L
Sulfate	mg/L	2.5U	50	50	46.7	46.8	91	91	90-110	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36235 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 913669 Matrix: Water
Associated Lab Samples: 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/28/14 18:07	
Sulfate	mg/L	2.5U	5.0	05/28/14 18:07	

LABORATORY CONTROL SAMPLE: 913670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.6	97	90-110	
Sulfate	mg/L	50	49.2	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913671 913672

Parameter	Units	35139539003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	16.7	50	50	70.2	69.7	107	106	90-110	.6	20	
Sulfate	mg/L	26.6	50	50	81.7	81.1	110	109	90-110	.8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913673 913674

Parameter	Units	92201785001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	19.9	50	50	74.5	74.3	109	109	90-110	.3	20	
Sulfate	mg/L	12.6	50	50	63.7	63.8	102	102	90-110	.1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36332 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

METHOD BLANK: 916728 Matrix: Water
Associated Lab Samples: 35139512001, 35139512002, 35139512003, 35139512004, 35139512005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/31/14 15:47	

LABORATORY CONTROL SAMPLE: 916729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 916731

Parameter	Units	35139498001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.10U	5	5.0	100	90-110	

SAMPLE DUPLICATE: 916730

Parameter	Units	35139498001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.10U	0.10U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

QC Batch: WETA/36457 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

METHOD BLANK: 920405 Matrix: Water
Associated Lab Samples: 35139512006, 35139512007, 35139512008, 35139512009, 35139512010, 35139512011, 35139512012, 35139512013, 35139512014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/05/14 12:28	

LABORATORY CONTROL SAMPLE: 920406

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

MATRIX SPIKE SAMPLE: 920408

Parameter	Units	35139498002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.091	1	1.1	104	90-110	

SAMPLE DUPLICATE: 920407

Parameter	Units	35139498002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.091	0.096	6	20	

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QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(P6)	Estimated Value. Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
L	Off-scale high. Actual value is known to be greater than value given.
Q	Sample held beyond the accepted holding time.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512002	**B-5**		FLD/		
35139512003	**B-5 Dup**		FLD/		
35139512004	**B-2**		FLD/		
35139512005	**B34-1**		FLD/		
35139512006	**B34-2**		FLD/		
35139512007	**B63-1**		FLD/		
35139512008	**B63-2**		FLD/		
35139512009	**B35-1**		FLD/		
35139512010	**B35-2**		FLD/		
35139512011	**B36**		FLD/		
35139512012	**B37-1**		FLD/		
35139512013	**B37-2**		FLD/		
35139512014	**B64**		FLD/		
35139512001	**EQ Blank 5/27/14**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512002	**B-5**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512003	**B-5 Dup**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512004	**B-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512005	**B34-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512006	**B34-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512007	**B63-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512008	**B63-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512009	**B35-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512010	**B35-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512011	**B36**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512012	**B37-1**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512013	**B37-2**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512014	**B64**	EPA 8011	OEXT/17504	EPA 8011	GCSV/11451
35139512001	**EQ Blank 5/27/14**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512002	**B-5**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512003	**B-5 Dup**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512004	**B-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512005	**B34-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512006	**B34-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512007	**B63-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512008	**B63-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512009	**B35-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512010	**B35-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512011	**B36**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512012	**B37-1**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512013	**B37-2**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512014	**B64**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139512001	**EQ Blank 5/27/14**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512002	**B-5**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512003	**B-5 Dup**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512004	**B-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512005	**B34-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512006	**B34-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512007	**B63-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512008	**B63-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512009	**B35-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512010	**B35-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512011	**B36**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512012	**B37-1**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512013	**B37-2**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512014	**B64**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139512001	**EQ Blank 5/27/14**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512002	**B-5**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512003	**B-5 Dup**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512004	**B-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512005	**B34-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512006	**B34-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512007	**B63-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512008	**B63-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512009	**B35-1**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512010	**B35-2**	EPA 7470	MERP/4668	EPA 7470	MERC/4661
35139512011	**B36**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512012	**B37-1**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512013	**B37-2**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512014	**B64**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139512001	**EQ Blank 5/27/14**	EPA 8260	MSV/11822		
35139512002	**B-5**	EPA 8260	MSV/11822		
35139512003	**B-5 Dup**	EPA 8260	MSV/11822		
35139512004	**B-2**	EPA 8260	MSV/11822		
35139512005	**B34-1**	EPA 8260	MSV/11822		
35139512006	**B34-2**	EPA 8260	MSV/11822		
35139512007	**B63-1**	EPA 8260	MSV/11822		
35139512008	**B63-2**	EPA 8260	MSV/11838		
35139512009	**B35-1**	EPA 8260	MSV/11838		
35139512010	**B35-2**	EPA 8260	MSV/11838		
35139512011	**B36**	EPA 8260	MSV/11838		
35139512012	**B37-1**	EPA 8260	MSV/11838		
35139512013	**B37-2**	EPA 8260	MSV/11838		
35139512014	**B64**	EPA 8260	MSV/11838		
35139512015	**Trip Blank 5-27-14**	EPA 8260	MSV/11838		
35139512001	**EQ Blank 5/27/14**	SM 2540C	WET/25212		
35139512002	**B-5**	SM 2540C	WET/25212		
35139512003	**B-5 Dup**	SM 2540C	WET/25212		
35139512004	**B-2**	SM 2540C	WET/25212		
35139512005	**B34-1**	SM 2540C	WET/25212		
35139512006	**B34-2**	SM 2540C	WET/25212		
35139512007	**B63-1**	SM 2540C	WET/25266		
35139512008	**B63-2**	SM 2540C	WET/25266		
35139512009	**B35-1**	SM 2540C	WET/25266		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512010	**B35-2**	SM 2540C	WET/25266		
35139512011	**B36**	SM 2540C	WET/25266		
35139512012	**B37-1**	SM 2540C	WET/25266		
35139512013	**B37-2**	SM 2540C	WET/25266		
35139512014	**B64**	SM 2540C	WET/25266		
35139512001	**EQ Blank 5/27/14**	EPA 300.0	WETA/36222		
35139512002	**B-5**	EPA 300.0	WETA/36222		
35139512003	**B-5 Dup**	EPA 300.0	WETA/36222		
35139512004	**B-2**	EPA 300.0	WETA/36222		
35139512005	**B34-1**	EPA 300.0	WETA/36222		
35139512006	**B34-2**	EPA 300.0	WETA/36223		
35139512007	**B63-1**	EPA 300.0	WETA/36223		
35139512008	**B63-2**	EPA 300.0	WETA/36234		
35139512009	**B35-1**	EPA 300.0	WETA/36234		
35139512010	**B35-2**	EPA 300.0	WETA/36234		
35139512011	**B36**	EPA 300.0	WETA/36234		
35139512012	**B37-1**	EPA 300.0	WETA/36234		
35139512013	**B37-2**	EPA 300.0	WETA/36234		
35139512014	**B64**	EPA 300.0	WETA/36234		
35139512001	**EQ Blank 5/27/14**	EPA 300.0	WETA/36224		
35139512002	**B-5**	EPA 300.0	WETA/36224		
35139512003	**B-5 Dup**	EPA 300.0	WETA/36224		
35139512004	**B-2**	EPA 300.0	WETA/36224		
35139512005	**B34-1**	EPA 300.0	WETA/36224		
35139512006	**B34-2**	EPA 300.0	WETA/36224		
35139512007	**B63-1**	EPA 300.0	WETA/36224		
35139512008	**B63-2**	EPA 300.0	WETA/36235		
35139512009	**B35-1**	EPA 300.0	WETA/36235		
35139512010	**B35-2**	EPA 300.0	WETA/36235		
35139512011	**B36**	EPA 300.0	WETA/36235		
35139512012	**B37-1**	EPA 300.0	WETA/36235		
35139512013	**B37-2**	EPA 300.0	WETA/36235		
35139512014	**B64**	EPA 300.0	WETA/36235		
35139512001	**EQ Blank 5/27/14**	EPA 350.1	WETA/36332		
35139512002	**B-5**	EPA 350.1	WETA/36332		
35139512003	**B-5 Dup**	EPA 350.1	WETA/36332		
35139512004	**B-2**	EPA 350.1	WETA/36332		
35139512005	**B34-1**	EPA 350.1	WETA/36332		
35139512006	**B34-2**	EPA 350.1	WETA/36457		
35139512007	**B63-1**	EPA 350.1	WETA/36457		
35139512008	**B63-2**	EPA 350.1	WETA/36457		
35139512009	**B35-1**	EPA 350.1	WETA/36457		
35139512010	**B35-2**	EPA 350.1	WETA/36457		
35139512011	**B36**	EPA 350.1	WETA/36457		
35139512012	**B37-1**	EPA 350.1	WETA/36457		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 35139512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139512013	**B37-2**	EPA 350.1	WETA/36457		
35139512014	**B64**	EPA 350.1	WETA/36457		

WO#: 35139512

35139512

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Page: of 2

1774450

Section A
Required Client Information:

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

Section B
Required Project Information:

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

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

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location
STATE:

Section D
Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	NITRATE, CHLORIDE	SULFATE, TDS	NITROGEN, AMMONIA (N13)	DISSOLVED Hg METALS	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-27-14	0800		8	4	1	1	3						X	X	X	X	X	X		
2	B-5						0855																			
3	DUPLICATE						0855																			
4	B2						0950																			
5	B34-1						1037																			
6	B34-2						1100																			
7	B63-1						1158																			
8	B63-2						1230																			
9	B35-1						1325																			
10	B35-2						1351																			
11	B36						1450																			
12	B37-1						1545																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	MARK GILBERT / PACE	5-27-14	1740	[signature]	5/27/14	17:40	20 Y

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-27-14

ORIGINAL

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Page: 2 of 2

1774451

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

Section B Required Project Information:
Report To: JENNIFER STARK
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Nitrate, Chloride	Sulfate, TDS	Nitrate/Ammonia (NH3)	Sulfide/Total Metals	EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~B73-2~~ B37-2 (5/27/14)	SW	G			5-27-14	1615		8	5	1	1	3					X	X	X	X	X	X		
2	B 64	↓	↓			↓	1656		8	3	1	1	3					X	X	X	X	X	X		
3	TRIP BLANKS						—		2				2										X		
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] / PACE	5-27-14	1740	[signature] Pace	5/27/14	17:40	Y

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

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-27-14

ORIGINAL

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEM 1	
WELL NO: D	SAMPLE ID: EQ	DATE: 3-27-14

PURGING DATA

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

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

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./FL): 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: 0753	SAMPLING ENDED AT: 0800
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	Total, Total/Hg METALS		↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		<2 mg	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 1 | SAMPLE ID: B-5 / DUPLICATE | DATE: 5.27.14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.75 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (25.60 feet – 3.75 feet) X 0.16 gallons/foot = 3.496 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): 7 | PURGING INITIATED AT: 0808 | PURGING ENDED AT: 0846 | TOTAL VOLUME PURGED (gallons): 9.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0822	3.50	3.50	0.25	5.69	6.63	22.96	713	0.42	12.4	YELLOW	NONE
0826	1.00	4.50	|	5.72	6.61	23.02	773	0.38	8.73	|	|
0830	1.00	5.50	|	5.72	6.59	23.09	825	0.34	5.95	|	|
0834	1.00	6.50	|	5.75	6.58	23.23	870	0.39	9.08	|	|
0838	1.00	7.50	|	5.72	6.57	23.32	912	0.36	2.89	|	|
0842	1.00	8.50	|	5.72	6.57	23.34	918	0.30	1.58	|	|
0846	1.00	9.50	|	5.72	6.56	23.34	924	0.25	1.35	|	|

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: 0840 | SAMPLING ENDED AT: 0855

PUMP OR TUBING DEPTH IN WELL (feet): 7 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	PB	1000	ICE		6.56	TOC, NITRATE, Cl	PP	400
	2	↓	250	HNO3		<2	1000 1000 / 10 METALS	↓	↓
	2	↓	250	H2SO4		<2	NHS		
	4	CG	40	ICE		6.50	BOD CBOD	↓	100
	6	CG	40	NCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-75.9 ORP-76.8 ORP-77.0 ORP-74.5 ORP-73.7 ORP-74.5 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 = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI | DATE: 5.27.14

WELL NO: 2 | SAMPLE ID: B 2

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.20 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (27.30 feet – 8.20 feet) X 0.16 gallons/foot = 3.056 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 0921 | PURGING ENDED AT: 0942 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0936	3.25	3.25	0.25	8.35	5.52	25.62	916	0.30	1.40	Yellow	Sulfur
0939	0.75	4.00	1	8.35	5.53	25.63	915	0.27	1.24		
0942	0.75	4.75	1	8.35	5.53	25.59	916	0.24	1.44		

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: 0942 | SAMPLING ENDED AT: 0950

PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.53	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020 Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.53	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 39.0 ORP 35.8 ORP 31.9

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SPM1	
WELL NO: 3	SAMPLE ID: B 34-1	DATE: 5.27.14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.80	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) = (34.08 feet – 3.80 feet) X 0.16 gallons/foot = 4.8448 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): 7	PURGING INITIATED AT: 1001	PURGING ENDED AT: 1031	TOTAL VOLUME PURGED (gallons): 7.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1021	5.00	5.00	0.25	5.65	6.51	23.10	1151	0.49	4.52	CLEAR	NONE
1026	1.25	6.25	1	5.65	6.50	23.02	1154	0.30	2.91	1	2
1031	1.25	7.50	1	5.65	6.51	23.12	1154	0.25	1.59		

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./FL): 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: 1031	SAMPLING ENDED AT: 1037
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (N) 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			
	1	PE	1000	ICE		6.51	TOX, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Hg/GRO/H4, METALS	↓	↓
	1	↓	250	H2SO4		<2	8 NH3		
	2	CG	40	ICE		6.51	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-76.8 ORP-78.9 ORP-80.1

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 4 | SAMPLE ID: B34-2 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 2.60 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.00 feet – 2.60 feet) x 0.16 gallons/foot = 2.304 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7 | PURGING INITIATED AT: 1039 | PURGING ENDED AT: 1053 | TOTAL VOLUME PURGED (gallons): 3.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1049	2.50	2.50	0.75	6.26	6.92	23.48	2075	0.36	5.89	YELLOW	NONE
1051	0.50	3.00	1	6.29	6.91	23.55	2096	0.34	5.34		
1053	0.50	3.50	1	6.31	6.91	23.60	2121	0.31	5.91		

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./FL): 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: 1053 | SAMPLING ENDED AT: 1100

PUMP OR TUBING DEPTH IN WELL (feet): 7 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE	1	6.91	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	SULFATE, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.91	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-79.0 ORP-77.1 ORP-76.4

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA LANDFILL

WELL NO: 5 | SAMPLE ID: B 63-1 | DATE: 5-27-16

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 1.45 | 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) = (30.45 feet – 1.45 feet) X 0.16 gallons/foot = 4.64 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): 4 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | PURGING INITIATED AT: 1123 | PURGING ENDED AT: 1152 | TOTAL VOLUME PURGED (gallons): 7.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1142	4.75	4.75	0.25	3.3	6.66	23.09	490	0.28	1.39	Yellow Sulfur	Sulfur
1147	1.25	6.00	↓	↓	6.66	23.12	491	0.21	1.50	↓	↓
1152	1.25	7.25			6.65	23.13	491	0.18	0.44		

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: 1152 | SAMPLING ENDED AT: 1158

PUMP OR TUBING DEPTH IN WELL (feet): 5 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N | TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.65	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010 6020/7470 METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.65	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -49.1 ORP -53.1 ORP -54.1

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: TOMOKA, VOLUSIA COUNTY SOLID WASTE SITE LOCATION: TOMOKA SEM 1

WELL NO: 6 SAMPLE ID: B63-2 DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 TUBING DIAMETER (inches): 1/4 WELL SCREEN INTERVAL DEPTH: feet to feet STATIC DEPTH TO WATER (feet): 1.95 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) = (14.40 feet – 1.95 feet) X 0.16 gallons/foot = 1.992 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): 4 FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 PURGING INITIATED AT: 1200 PURGING ENDED AT: 1224 TOTAL VOLUME PURGED (gallons): 7.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1208	2.00	2.00	0.25	3.62	6.56	23.63	809	0.23	29.20	red	sulfur
1210	0.50	2.50		3.67	6.56	24.26	805	0.42	127.0		
1212	0.50	3.00		3.68	6.56	24.08	817	0.23	70.8		
1214	0.50	3.50		3.69	6.56	23.87	819	0.21	43.9	yellow	
1220	3.00	6.50		3.73	6.58	24.07	824	0.17	19.0		
1222	0.50	7.00		3.74	6.59	24.10	825	0.15	17.6		
1224	0.50	7.50		3.76	6.59	24.12	826	0.16	15.1		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT / PACE SAMPLER(S) SIGNATURE(S): [signature] SAMPLING INITIATED AT: 1224 SAMPLING ENDED AT: 1230

PUMP OR TUBING DEPTH IN WELL (feet): 5 TUBING MATERIAL CODE: PE.S FIELD-FILTERED: Y (N) Filtration Equipment Type: FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.59	TDS, NITRATE, Cl	PP	400
	1		250	HNO3		<2	6010B/14 METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.59	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -83.7 ORP -78.1 ORP -81.0 ORP -82.5 ORP -86.4 ORP -87.8 ORP -88.6

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

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

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

Pace Analytical® Florida Laboratory	Document Name: Groundwater Sampling Log Document 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 SOLID WASTE | SITE LOCATION: TOMOKA SEMI | DATE: 5-27-14

WELL NO: 7 | SAMPLE ID: B 35-1

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.80 | 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) = (33.95 feet – 0.80 feet) X 0.16 gallons/foot = 5.304 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): 3 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3 | PURGING INITIATED AT: 1247 | PURGING ENDED AT: 1319 | TOTAL VOLUME PURGED (gallons): 8.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1309	5.50	5.50	0.25	1.95	5.69	24.58	331	0.20	5.14	yellow	none
1314	1.25	6.75		1.95	5.68	24.48	330	0.14	3.10		
1319	1.25	8.00		1.95	5.67	24.58	333	0.14	2.59		

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./FL): 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: 1319 | SAMPLING ENDED AT: 1325

PUMP OR TUBING DEPTH IN WELL (feet): 3 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.67	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	LOW LEVEL/HG METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.67	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 49.9 ORP 47.6 ORP 46.0

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 8 | SAMPLE ID: B35-2 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.85 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.50 feet – 0.85 feet) X 0.16 gallons/foot = 2.664 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): 3 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 | PURGING INITIATED AT: 1328 | PURGING ENDED AT: 1345 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1339	2.75	2.75	0.25	2.72	5.37	24.55	399	0.10	4.90	YELLOW	SULFUR
1342	0.75	3.50	1	2.72	5.39	24.46	398	0.16	4.67	(	1
1345	0.75	4.25		2.73	5.38	24.53	396	0.03	2.45		

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./FL): 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: 1345 | SAMPLING ENDED AT: 1351

PUMP OR TUBING DEPTH IN WELL (feet): 4 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.38	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.38	8011 DBP	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 55.4 ORP 53.8 ORP 53.1

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

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

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

Pace Analytical Florida Laboratory	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 SOLID WASTE
SITE LOCATION: TOMOKA SEMI
WELL NO: 9
SAMPLE ID: B 36
DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet): 1.20
PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (34.30 feet – 1.20 feet) X 0.16 gallons/foot = 5.296 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): 3
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6
PURGING INITIATED AT: 1412
PURGING ENDED AT: 1444
TOTAL VOLUME PURGED (gallons): 8.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1434	5.50	5.50	0.25	4.68	6.38	24.21	1690	0.19	3.36	CLEAR	SULFUR
1439	1.25	6.75	1	4.70	6.38	24.12	1740	0.16	1.14	1	1
1444	1.25	8.00	1	4.71	6.40	24.11	1763	0.11	1.33		

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: 1444
SAMPLING ENDED AT: 1450
PUMP OR TUBING DEPTH IN WELL (feet): 6
TUBING MATERIAL CODE: PE, S
FIELD-FILTERED: Y (N) Filtration Equipment Type:
FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced)
DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.40	TDS, NH3, Cl, CL	PP	400
	1	↓	250	HNO3		<2	Sol. Chromium, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.40	BOD, COD	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -39.9 ORP -40.0 ORP -40.4

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 10 | SAMPLE ID: B37-1 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.95 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (37.75 feet – 0.95 feet) X 0.16 gallons/foot = 5.888 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): 3 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 3 | PURGING INITIATED AT: 1503 | PURGING ENDED AT: 1539 | TOTAL VOLUME PURGED (gallons): 9.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1527	6.00	6.00	0.25	2.30	6.36	24.32	2409	0.14	2.90	yellow	sulfur
1533	1.50	7.50		2.30	6.35	24.36	2418	0.12	3.53		
1539	1.50	9.00		2.30	6.35	24.34	2438	0.11	3.32		

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 GIBBEAT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1539 | SAMPLING ENDED AT: 1545

PUMP OR TUBING DEPTH IN WELL (feet): 3 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.35	TDS, NITRATE	PP	400
	1		250	HNO3		<2	Total/Diss/Hg METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.35	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -80.1 ORP -80.9 ORP -80.2

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SPM 1

WELL NO: 11 | SAMPLE ID: B37-2 | DATE: 5.27.14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 0.75 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (16.80 feet – 0.75 feet) X 0.16 gallons/foot = 2.568 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): 2 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 | PURGING INITIATED AT: 1552 | PURGING ENDED AT: 1609 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1603	2.75	2.75	0.25	2.39	6.59	25.25	40	0.09	5.94	Yellow	Sulfur
1606	0.75	3.50	1	2.41	6.59	25.26	399	0.09	2.72		
1609	0.75	4.25	1	2.44	6.57	25.18	398	0.09	1.66		

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: 1609 | SAMPLING ENDED AT: 1615

PUMP OR TUBING DEPTH IN WELL (feet): 4 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.57	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.57	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -69.9 ORP -71.1 ORP -72.3

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 12 | SAMPLE ID: B 64 | DATE: 5-27-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 1.45 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.60 feet – 1.45 feet) X 0.16 gallons/foot = 2.584 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): 4 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 4 | PURGING INITIATED AT: 1632 | PURGING ENDED AT: 1649 | TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1643	2.75	2.75	0.25	2.88	6.68	23.82	621	0.40	3.07	Yellow	Sulfur
1646	0.75	3.50	1	2.88	6.66	23.82	619	0.63	1.44		
1649	0.75	4.25	1	2.90	6.66	23.86	619	0.28	1.26		

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: 1649 | SAMPLING ENDED AT: 1656

PUMP OR TUBING DEPTH IN WELL (feet): 4 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.66	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	200.8 Hg, metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.66	8011 DOB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-88.9 ORP-89.5 ORP-90.8

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

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

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

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

Table Number: _____

Sample Condition Upon Receipt Form (SCUR)

Client Name: VOLUSIA COUNTY SOLID WASTE Project #: 35121512

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

Tracking #: _____

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

Date and Initials of person examining contents: 5/27/14 (TH)

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

Thermometer Used: J166 Type of Ice: (Wet) Blue None

Cooler Temperature °C: 1.6 (Visual) +0.4 (Correction Factor) 2.0 (Actual)

2.3 +0.4 2.6
0.3 +0.4 0.7

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No

Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): COC "NOT" Signed/accepted by Pace FL. Time taken by relinquisher (mark) at 17:40 on 05/27/14. (TH)

Project Manager review: _____ Date: 5/28/14

Finished Product Information Only

Sample ID: _____

Induction Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

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

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

June 06, 2014

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

RE: Project: Tomoka LF
Pace Project No.: 35139698

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

Pace Analytical Services, Inc.
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CERTIFICATIONS

Project: Tomoka LF
Pace Project No.: 35139698

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka LF
Pace Project No.: 35139698

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139698001	**EQ Blank 5/28/14**	Water	05/28/14 08:16	05/28/14 15:35
35139698002	**FA-2C**	Water	05/28/14 10:12	05/28/14 15:35
35139698003	**FA-2C Dup**	Water	05/28/14 10:12	05/28/14 15:35
35139698004	**FA-1B**	Water	05/28/14 14:12	05/28/14 15:35
35139698005	**Trip Blank 5-28-14**	Water	05/28/14 00:00	05/28/14 15:35

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SAMPLE ANALYTE COUNT

Project: Tomoka LF
Pace Project No.: 35139698

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139698001	**EQ Blank 5/28/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698002	**FA-2C**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698003	**FA-2C Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698004	**FA-1B**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	AIS	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139698005	**Trip Blank 5-28-14**	EPA 8260	SK	50	PASI-O

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SUMMARY OF DETECTION

Project: Tomoka LF
Pace Project No.: 35139698

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139698001	**EQ Blank 5/28/14**					
EPA 8260	Acetone	12.5 I	ug/L	20.0	06/02/14 15:45	
35139698002	**FA-2C**					
	Field pH	7.39	Std. Units		06/02/14 13:12	
	Field Temperature	23.29	deg C		06/02/14 13:12	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:12	
	Field Specific Conductance	712	umhos/cm		06/02/14 13:12	
	Oxygen, Dissolved	0.22	mg/L		06/02/14 13:12	
	REDOX	-155.6	mV		06/02/14 13:12	
	Turbidity	0.02	NTU		06/02/14 13:12	
	Water Level(NGVD)	14.25	feet		06/02/14 13:12	
EPA 6010	Barium	22.8	ug/L	10.0	06/02/14 00:07	
EPA 6010	Iron	1200	ug/L	40.0	06/02/14 00:07	
EPA 6010	Sodium	47.1	mg/L	1.0	06/02/14 00:07	
SM 2540C	Total Dissolved Solids	449	mg/L	5.0	06/03/14 10:53	
EPA 300.0	Chloride	68.0	mg/L	5.0	05/29/14 18:09	
EPA 350.1	Nitrogen, Ammonia	0.44	mg/L	0.050	06/05/14 12:50	
35139698003	**FA-2C Dup**					
	Field pH	7.39	Std. Units		06/02/14 13:13	
	Field Temperature	23.29	deg C		06/02/14 13:13	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:13	
	Field Specific Conductance	712	umhos/cm		06/02/14 13:13	
	Oxygen, Dissolved	0.22	mg/L		06/02/14 13:13	
	REDOX	-155.6	mV		06/02/14 13:13	
	Turbidity	0.02	NTU		06/02/14 13:13	
	Water Level(NGVD)	14.25	feet		06/02/14 13:13	
EPA 6010	Barium	23.1	ug/L	10.0	06/03/14 16:39	
EPA 6010	Iron	1220	ug/L	40.0	06/03/14 16:39	
EPA 6010	Sodium	49.2	mg/L	1.0	06/03/14 16:39	
EPA 8260	Acetone	17.1 I	ug/L	20.0	06/02/14 16:35	
SM 2540C	Total Dissolved Solids	465	mg/L	5.0	06/03/14 10:53	
EPA 300.0	Chloride	67.9	mg/L	5.0	05/29/14 18:30	
EPA 350.1	Nitrogen, Ammonia	0.44	mg/L	0.050	06/05/14 12:52	
35139698004	**FA-1B**					
	Field pH	7.11	Std. Units		06/02/14 13:15	
	Field Temperature	23.25	deg C		06/02/14 13:15	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:15	
	Field Specific Conductance	535	umhos/cm		06/02/14 13:15	
	Oxygen, Dissolved	0.19	mg/L		06/02/14 13:15	

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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SUMMARY OF DETECTION

Project: Tomoka LF
Pace Project No.: 35139698

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139698004	**FA-1B**					
	REDOX	-85.2	mV		06/02/14 13:15	
	Turbidity	0.22	NTU		06/02/14 13:15	
	Water Level(NGVD)	18.76	feet		06/02/14 13:15	
EPA 6010	Barium	28.4	ug/L	10.0	06/03/14 17:05	
EPA 6010	Iron	410	ug/L	40.0	06/03/14 17:05	
EPA 6010	Sodium	10.4	mg/L	1.0	06/03/14 17:05	
EPA 8260	Acetone	14.7 I	ug/L	20.0	06/02/14 17:00	
SM 2540C	Total Dissolved Solids	350	mg/L	5.0	06/03/14 10:53	
EPA 300.0	Nitrate as N	0.063	mg/L	0.050	05/29/14 18:52	
EPA 300.0	Chloride	13.6	mg/L	5.0	05/29/14 18:52	
EPA 350.1	Nitrogen, Ammonia	0.38	mg/L	0.050	06/05/14 12:54	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: EQ Blank 5/28/14 **Lab ID: 35139698001** Collected: 05/28/14 08:16 Received: 05/28/14 15:35 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	06/02/14 13:00	06/03/14 03:45	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	06/02/14 13:00	06/03/14 03:45	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:03	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:03	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/02/14 00:03	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/02/14 00:03	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:03	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:03	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:03	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/02/14 00:03	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:23	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:23	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:11	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**12.5 I**	ug/L	20.0	10.0	1		06/02/14 15:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 15:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 15:45	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 15:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 15:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	95-50-1	

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: EQ Blank 5/28/14 **Lab ID: 35139698001** Collected: 05/28/14 08:16 Received: 05/28/14 15:35 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		06/02/14 15:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 15:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 15:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 15:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 15:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 15:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 15:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 15:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/02/14 15:45	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		06/02/14 15:45	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		06/02/14 15:45	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		06/03/14 10:52		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 11:44	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/29/14 11:44	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 11:44	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		06/05/14 12:49	7664-41-7	

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C **Lab ID: 35139698002** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.39**	Std. Units			1		06/02/14 13:12		
Field Temperature	**23.29**	deg C			1		06/02/14 13:12		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:12		
Field Specific Conductance	**712**	umhos/cm			1		06/02/14 13:12		
Oxygen, Dissolved	**0.22**	mg/L			1		06/02/14 13:12	7782-44-7	
REDOX	**-155.6**	mV			1		06/02/14 13:12		
Turbidity	**0.02**	NTU			1		06/02/14 13:12		
Water Level(NGVD)	**14.25**	feet			1		06/02/14 13:12		
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	06/02/14 13:00	06/03/14 04:00	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	06/02/14 13:00	06/03/14 04:00	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-38-2	
Barium	**22.8**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-50-8	
Iron	**1200**	ug/L	40.0	20.0	1	05/31/14 12:55	06/02/14 00:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/02/14 00:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/02/14 00:07	7440-22-4	
Sodium	**47.1**	mg/L	1.0	0.50	1	05/31/14 12:55	06/02/14 00:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/02/14 00:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/02/14 00:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:25	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:13	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/02/14 16:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 16:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 16:10	75-27-4	

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C **Lab ID: 35139698002** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 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		06/02/14 16:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 16:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 16:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 16:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 16:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 16:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 16:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		06/02/14 16:10	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		06/02/14 16:10	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		06/02/14 16:10	2037-26-5	

Pace Analytical Services, Inc.
8 East Tower Circle
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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C **Lab ID: 35139698002** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**449**	mg/L	5.0	5.0	1		06/03/14 10:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 18:09	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**68.0**	mg/L	5.0	2.5	1		05/29/14 18:09	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 18:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.44**	mg/L	0.050	0.020	1		06/05/14 12:50	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C Dup **Lab ID: 35139698003** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.39**	Std. Units			1		06/02/14 13:13		
Field Temperature	**23.29**	deg C			1		06/02/14 13:13		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:13		
Field Specific Conductance	**712**	umhos/cm			1		06/02/14 13:13		
Oxygen, Dissolved	**0.22**	mg/L			1		06/02/14 13:13	7782-44-7	
REDOX	**-155.6**	mV			1		06/02/14 13:13		
Turbidity	**0.02**	NTU			1		06/02/14 13:13		
Water Level(NGVD)	**14.25**	feet			1		06/02/14 13:13		
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	06/02/14 13:00	06/03/14 04:15	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 04:15	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-38-2	
Barium	**23.1**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 16:39	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 16:39	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-50-8	
Iron	**1220**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 16:39	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 16:39	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 16:39	7440-22-4	
Sodium	**49.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 16:39	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 16:39	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 16:39	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:54	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 03:54	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**17.1 I**	ug/L	20.0	10.0	1		06/02/14 16:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 16:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 16:35	75-27-4	

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Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C Dup **Lab ID: 35139698003** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 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		06/02/14 16:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 16:35	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 16:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 16:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 16:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 16:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 16:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 16:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 16:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 16:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/02/14 16:35	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		06/02/14 16:35	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		06/02/14 16:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-2C Dup **Lab ID: 35139698003** Collected: 05/28/14 10:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**465**	mg/L	5.0	5.0	1		06/03/14 10:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/29/14 18:30	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**67.9**	mg/L	5.0	2.5	1		05/29/14 18:30	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 18:30	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.44**	mg/L	0.050	0.020	1		06/05/14 12:52	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-1B **Lab ID: 35139698004** Collected: 05/28/14 14:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.11**	Std. Units			1		06/02/14 13:15		
Field Temperature	**23.25**	deg C			1		06/02/14 13:15		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:15		
Field Specific Conductance	**535**	umhos/cm			1		06/02/14 13:15		
Oxygen, Dissolved	**0.19**	mg/L			1		06/02/14 13:15	7782-44-7	
REDOX	**-85.2**	mV			1		06/02/14 13:15		
Turbidity	**0.22**	NTU			1		06/02/14 13:15		
Water Level(NGVD)	**18.76**	feet			1		06/02/14 13:15		
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	06/02/14 13:00	06/03/14 04:30	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	06/02/14 13:00	06/03/14 04:30	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-38-2	
Barium	**28.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:05	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:05	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-50-8	
Iron	**410**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:05	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:05	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:05	7440-22-4	
Sodium	**10.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:05	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:05	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	06/03/14 14:50	06/04/14 11:17	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**14.7 I**	ug/L	20.0	10.0	1		06/02/14 17:00	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 17:00	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 17:00	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-1B **Lab ID: 35139698004** Collected: 05/28/14 14:12 Received: 05/28/14 15:35 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		06/02/14 17:00	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 17:00	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 17:00	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 17:00	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 17:00	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 17:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 17:00	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 17:00	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 17:00	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 17:00	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 17:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		06/02/14 17:00	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	86-125		1		06/02/14 17:00	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		06/02/14 17:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: FA-1B **Lab ID: 35139698004** Collected: 05/28/14 14:12 Received: 05/28/14 15:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**350**	mg/L	5.0	5.0	1		06/03/14 10:53		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.063**	mg/L	0.050	0.043	1		05/29/14 18:52	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**13.6**	mg/L	5.0	2.5	1		05/29/14 18:52	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/29/14 18:52	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.38**	mg/L	0.050	0.020	1		06/05/14 12:54	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: Trip Blank 5-28-14 **Lab ID: 35139698005** Collected: 05/28/14 00:00 Received: 05/28/14 15:35 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		06/02/14 12:08	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:08	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:08	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:08	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:08	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:08	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:08	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:08	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:08	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:08	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:08	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:08	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:08	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka LF
Pace Project No.: 35139698

Sample: Trip Blank 5-28-14 **Lab ID: 35139698005** Collected: 05/28/14 00:00 Received: 05/28/14 15:35 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		06/02/14 12:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		06/02/14 12:08	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		06/02/14 12:08	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		06/02/14 12:08	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MERP/4687 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 918481 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	06/04/14 10:47	

LABORATORY CONTROL SAMPLE: 918482

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 918483 918484

Parameter	Units	35139512011 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	1.8	90	92	80-120	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18773
Analysis Method: EPA 6010
QC Batch Method: EPA 3010
Analysis Description: 6010 MET
Associated Lab Samples: 35139698001, 35139698002

METHOD BLANK: 916673
Matrix: Water
Associated Lab Samples: 35139698001, 35139698002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/01/14 21:56	
Barium	ug/L	5.0U	10.0	06/01/14 21:56	
Beryllium	ug/L	0.50U	1.0	06/01/14 21:56	
Cadmium	ug/L	0.50U	1.0	06/01/14 21:56	
Chromium	ug/L	2.5U	5.0	06/01/14 21:56	
Cobalt	ug/L	5.0U	10.0	06/01/14 21:56	
Copper	ug/L	2.5U	5.0	06/01/14 21:56	
Iron	ug/L	20.0U	40.0	06/01/14 21:56	
Lead	ug/L	5.0U	10.0	06/01/14 21:56	
Nickel	ug/L	2.5U	5.0	06/01/14 21:56	
Selenium	ug/L	7.5U	15.0	06/01/14 21:56	
Silver	ug/L	2.5U	5.0	06/01/14 21:56	
Sodium	mg/L	0.50U	1.0	06/01/14 21:56	
Vanadium	ug/L	5.0U	10.0	06/01/14 21:56	
Zinc	ug/L	10.0U	20.0	06/01/14 21:56	

LABORATORY CONTROL SAMPLE: 916674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	248	99	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	26.1	104	80-120	
Cadmium	ug/L	25	26.2	105	80-120	
Chromium	ug/L	250	260	104	80-120	
Cobalt	ug/L	250	264	105	80-120	
Copper	ug/L	250	258	103	80-120	
Iron	ug/L	2500	2640	105	80-120	
Lead	ug/L	250	267	107	80-120	
Nickel	ug/L	250	262	105	80-120	
Selenium	ug/L	250	261	104	80-120	
Silver	ug/L	25	26.2	105	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	258	103	80-120	
Zinc	ug/L	1250	1280	102	80-120	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916675 916676

Parameter	Units	35139176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	31.6	250	250	278	278	98	98	75-125	0	20	
Barium	ug/L	71.4	250	250	332	331	104	104	75-125	.2	20	
Beryllium	ug/L	0.50U	25	25	26.0	26.1	104	105	75-125	.7	20	
Cadmium	ug/L	0.50U	25	25	25.7	25.8	103	103	75-125	.3	20	
Chromium	ug/L	2.5U	250	250	259	259	103	103	75-125	.1	20	
Cobalt	ug/L	5.0U	250	250	263	262	103	103	75-125	.3	20	
Copper	ug/L	2.5U	250	250	260	261	104	104	75-125	.6	20	
Iron	ug/L	976	2500	2500	3560	3570	103	104	75-125	.3	20	
Lead	ug/L	5.0U	250	250	258	256	103	102	75-125	1	20	
Nickel	ug/L	19.9	250	250	276	275	102	102	75-125	.3	20	
Selenium	ug/L	7.5U	250	250	258	256	102	101	75-125	.5	20	
Silver	ug/L	2.5U	25	25	26.2	26.4	105	106	75-125	.9	20	
Sodium	mg/L	30.9	12.5	12.5	43.9	43.3	104	100	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	261	263	103	103	75-125	.5	20	
Zinc	ug/L	10.0U	1250	1250	1260	1260	101	101	75-125	.08	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18775 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 35139698003, 35139698004

METHOD BLANK: 916681 | Matrix: Water
Associated Lab Samples: 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/03/14 16:31	
Barium	ug/L	5.0U	10.0	06/03/14 16:31	
Beryllium	ug/L	0.50U	1.0	06/03/14 16:31	
Cadmium	ug/L	0.50U	1.0	06/03/14 16:31	
Chromium	ug/L	2.5U	5.0	06/03/14 16:31	
Cobalt	ug/L	5.0U	10.0	06/03/14 16:31	
Copper	ug/L	2.5U	5.0	06/03/14 16:31	
Iron	ug/L	20.0U	40.0	06/03/14 16:31	
Lead	ug/L	5.0U	10.0	06/03/14 16:31	
Nickel	ug/L	2.5U	5.0	06/03/14 16:31	
Selenium	ug/L	7.5U	15.0	06/03/14 16:31	
Silver	ug/L	2.5U	5.0	06/03/14 16:31	
Sodium	mg/L	0.50U	1.0	06/03/14 16:31	
Vanadium	ug/L	5.0U	10.0	06/03/14 16:31	
Zinc	ug/L	10.0U	20.0	06/03/14 16:31	

LABORATORY CONTROL SAMPLE: 916682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	255	102	80-120	
Barium	ug/L	250	266	107	80-120	
Beryllium	ug/L	25	26.2	105	80-120	
Cadmium	ug/L	25	26.4	106	80-120	
Chromium	ug/L	250	264	106	80-120	
Cobalt	ug/L	250	266	106	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2690	108	80-120	
Lead	ug/L	250	270	108	80-120	
Nickel	ug/L	250	270	108	80-120	
Selenium	ug/L	250	265	106	80-120	
Silver	ug/L	25	26.9	108	80-120	
Sodium	mg/L	12.5	13.2	106	80-120	
Vanadium	ug/L	250	259	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	263	104	105	75-125	.9	20	
Barium	ug/L	23.1	250	250	292	295	107	109	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.7	26.9	107	107	75-125	.6	20	
Cadmium	ug/L	0.50U	25	25	26.1	26.2	104	105	75-125	.4	20	
Chromium	ug/L	2.5U	250	250	266	268	106	107	75-125	.8	20	
Cobalt	ug/L	5.0U	250	250	265	266	106	106	75-125	.04	20	
Copper	ug/L	2.5U	250	250	264	265	105	106	75-125	.5	20	
Iron	ug/L	1220	2500	2500	3920	3960	108	110	75-125	.9	20	
Lead	ug/L	5.0U	250	250	260	262	104	105	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	269	269	108	108	75-125	.1	20	
Selenium	ug/L	7.5U	250	250	266	268	106	107	75-125	1	20	
Silver	ug/L	2.5U	25	25	27.4	28.1	108	111	75-125	3	20	
Sodium	mg/L	49.2	12.5	12.5	62.5	62.2	106	104	75-125	.5	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	105	75-125	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18774 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139698001, 35139698002

METHOD BLANK: 916677 | Matrix: Water
Associated Lab Samples: 35139698001, 35139698002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 02:58	
Thallium	ug/L	0.50U	1.0	06/01/14 02:58	

LABORATORY CONTROL SAMPLE: 916678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.4	97	80-120	
Thallium	ug/L	50	49.6	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916679 916680

Parameter	Units	35139176002 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	48.1	47.6	96	95	75-125	1	20	
Thallium	ug/L	0.50U	50	50	50.6	49.6	101	99	75-125	2	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MPRP/18776 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139698003, 35139698004

METHOD BLANK: 916685 | Matrix: Water
Associated Lab Samples: 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 03:48	
Thallium	ug/L	0.50U	1.0	06/01/14 03:48	

LABORATORY CONTROL SAMPLE: 916686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.5	97	80-120	
Thallium	ug/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916687 916688

Parameter	Units	35139698004 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	48.2	48.8	96	97	75-125	1	20	
Thallium	ug/L	0.50U	50	50	51.1	50.7	102	101	75-125	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MSV/11842 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 35139698005

METHOD BLANK: 917158 | Matrix: Water
Associated Lab Samples: 35139698005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/02/14 10:54	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/02/14 10:54	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	06/02/14 10:54	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/02/14 10:54	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:54	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/02/14 10:54	
2-Hexanone	ug/L	5.0U	10.0	06/02/14 10:54	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/02/14 10:54	
Acetone	ug/L	10.0U	20.0	06/02/14 10:54	
Acrylonitrile	ug/L	5.0U	10.0	06/02/14 10:54	
Benzene	ug/L	0.10U	1.0	06/02/14 10:54	
Bromochloromethane	ug/L	0.50U	1.0	06/02/14 10:54	
Bromodichloromethane	ug/L	0.27U	0.60	06/02/14 10:54	
Bromoform	ug/L	0.50U	1.0	06/02/14 10:54	
Bromomethane	ug/L	0.50U	1.0	06/02/14 10:54	
Carbon disulfide	ug/L	5.0U	10.0	06/02/14 10:54	
Carbon tetrachloride	ug/L	0.50U	1.0	06/02/14 10:54	
Chlorobenzene	ug/L	0.50U	1.0	06/02/14 10:54	
Chloroethane	ug/L	0.50U	1.0	06/02/14 10:54	
Chloroform	ug/L	0.50U	1.0	06/02/14 10:54	
Chloromethane	ug/L	0.62U	1.0	06/02/14 10:54	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:54	
Dibromochloromethane	ug/L	0.26U	0.50	06/02/14 10:54	
Dibromomethane	ug/L	0.50U	1.0	06/02/14 10:54	
Ethylbenzene	ug/L	0.50U	1.0	06/02/14 10:54	
Iodomethane	ug/L	0.50U	1.0	06/02/14 10:54	
Methylene Chloride	ug/L	2.5U	5.0	06/02/14 10:54	
Styrene	ug/L	0.50U	1.0	06/02/14 10:54	
Tetrachloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
Toluene	ug/L	0.50U	1.0	06/02/14 10:54	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:54	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

METHOD BLANK: 917158 Matrix: Water
Associated Lab Samples: 35139698005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/02/14 10:54	
Trichloroethene	ug/L	0.50U	1.0	06/02/14 10:54	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/02/14 10:54	
Vinyl acetate	ug/L	1.0U	2.0	06/02/14 10:54	
Vinyl chloride	ug/L	0.50U	1.0	06/02/14 10:54	
Xylene (Total)	ug/L	0.50U	1.0	06/02/14 10:54	
1,2-Dichloroethane-d4 (S)	%	101	86-125	06/02/14 10:54	
4-Bromofluorobenzene (S)	%	96	70-114	06/02/14 10:54	
Toluene-d8 (S)	%	100	87-113	06/02/14 10:54	

LABORATORY CONTROL SAMPLE: 917159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.7	109	70-130	
1,1,1-Trichloroethane	ug/L	20	20.2	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.2	111	70-130	
1,1,2-Trichloroethane	ug/L	20	21.9	109	70-130	
1,1-Dichloroethane	ug/L	20	20.1	100	70-130	
1,1-Dichloroethene	ug/L	20	17.8	89	70-130	
1,2,3-Trichloropropane	ug/L	20	21.8	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.9	104	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	22.0	110	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	104	70-130	
1,2-Dichloroethane	ug/L	20	20.4	102	70-130	
1,2-Dichloropropane	ug/L	20	20.8	104	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2-Butanone (MEK)	ug/L	40	50.7	127	55-167	
2-Hexanone	ug/L	40	46.9	117	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	44.1	110	70-130	
Acetone	ug/L	40	53.9	135	40-150	
Acrylonitrile	ug/L	200	222	111	70-130	
Benzene	ug/L	20	20.0	100	70-130	
Bromochloromethane	ug/L	20	22.5	113	70-130	
Bromodichloromethane	ug/L	20	20.5	103	70-130	
Bromoform	ug/L	20	21.0	105	68-130	
Bromomethane	ug/L	20	19.0	95	38-179	
Carbon disulfide	ug/L	20	23.4	117	51-155	
Carbon tetrachloride	ug/L	20	19.8	99	70-130	
Chlorobenzene	ug/L	20	21.1	106	70-130	
Chloroethane	ug/L	20	19.6	98	59-149	
Chloroform	ug/L	20	20.9	104	70-130	
Chloromethane	ug/L	20	16.5	82	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.5	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

LABORATORY CONTROL SAMPLE: 917159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	21.9	110	70-130	
Dibromomethane	ug/L	20	22.2	111	70-130	
Ethylbenzene	ug/L	20	20.7	103	70-130	
Iodomethane	ug/L	40	38.3	96	43-160	
Methylene Chloride	ug/L	20	18.8	94	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	18.2	91	66-133	
Toluene	ug/L	20	20.9	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.6	98	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.2	111	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.7	109	65-130	
Trichloroethene	ug/L	20	21.0	105	70-130	
Trichlorofluoromethane	ug/L	20	20.2	101	70-131	
Vinyl acetate	ug/L	20	23.8	119	69-135	
Vinyl chloride	ug/L	20	19.0	95	69-140	
Xylene (Total)	ug/L	60	63.2	105	70-130	
1,2-Dichloroethane-d4 (S)	%			90	86-125	
4-Bromofluorobenzene (S)	%			105	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 917331

Parameter	Units	35139858002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.0	100	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	20.5	103	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	19.7	99	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.2	101	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.7	98	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	18.7	94	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	19.7	98	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	17.2	86	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.4	97	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.2	91	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.2	91	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.1	95	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	17.9	90	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	43.3	108	48-138	
2-Hexanone	ug/L	5.0U	40	41.8	104	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	39.6	99	28-143	
Acetone	ug/L	10.0U	40	46.6	116	20-140	
Acrylonitrile	ug/L	5.0U	200	188	94	46-130	
Benzene	ug/L	0.10U	20	19.4	97	53-132	
Bromochloromethane	ug/L	0.50U	20	20.5	103	54-132	
Bromodichloromethane	ug/L	0.27U	20	18.3	92	46-130	
Bromoform	ug/L	0.50U	20	16.7	83	32-130	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE SAMPLE: 917331

Parameter	Units	35139858002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	12.0	60	20-152	
Carbon disulfide	ug/L	5.0U	20	24.5	122	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.1	100	37-137	
Chlorobenzene	ug/L	0.50U	20	20.0	100	46-130	
Chloroethane	ug/L	0.50U	20	22.4	112	48-159	
Chloroform	ug/L	0.50U	20	20.2	101	51-130	
Chloromethane	ug/L	0.62U	20	17.7	88	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	18.5	93	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.2	86	45-130	
Dibromochloromethane	ug/L	0.26U	20	18.5	93	43-130	
Dibromomethane	ug/L	0.50U	20	18.6	93	50-130	
Ethylbenzene	ug/L	0.50U	20	20.0	100	43-130	
Iodomethane	ug/L	0.50U	40	43.5	109	20-169	
Methylene Chloride	ug/L	2.5U	20	18.1	90	51-135	
Styrene	ug/L	0.50U	20	19.4	97	40-130	
Tetrachloroethene	ug/L	0.50U	20	17.1	86	26-130	
Toluene	ug/L	0.50U	20	20.3	102	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.7	98	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.3	92	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.7	69	20-139	
Trichloroethene	ug/L	0.50U	20	20.3	101	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	23.5	117	46-146	
Vinyl acetate	ug/L	1.0U	20	18.9	95	20-165	
Vinyl chloride	ug/L	0.50U	20	22.7	114	57-142	
Xylene (Total)	ug/L	0.50U	60	59.6	99	42-130	
1,2-Dichloroethane-d4 (S)	%				89	86-125	
4-Bromofluorobenzene (S)	%				98	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 917330

Parameter	Units	35139858001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

SAMPLE DUPLICATE: 917330

Parameter	Units	35139858001 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.85 I	0.83 I		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	97	101	4		
4-Bromofluorobenzene (S)	%	97	95	2		
Toluene-d8 (S)	%	98	97	1		

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: MSV/11844 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 917180 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/02/14 10:46	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/02/14 10:46	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/02/14 10:46	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/02/14 10:46	
2-Hexanone	ug/L	5.0U	10.0	06/02/14 10:46	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/02/14 10:46	
Acetone	ug/L	10.0U	20.0	06/02/14 10:46	
Acrylonitrile	ug/L	5.0U	10.0	06/02/14 10:46	
Benzene	ug/L	0.10U	1.0	06/02/14 10:46	
Bromochloromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Bromodichloromethane	ug/L	0.27U	0.60	06/02/14 10:46	
Bromoform	ug/L	0.50U	1.0	06/02/14 10:46	
Bromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Carbon disulfide	ug/L	5.0U	10.0	06/02/14 10:46	
Carbon tetrachloride	ug/L	0.50U	1.0	06/02/14 10:46	
Chlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroform	ug/L	0.50U	1.0	06/02/14 10:46	
Chloromethane	ug/L	0.62U	1.0	06/02/14 10:46	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	
Dibromochloromethane	ug/L	0.26U	0.50	06/02/14 10:46	
Dibromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Ethylbenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Iodomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Methylene Chloride	ug/L	2.5U	5.0	06/02/14 10:46	
Styrene	ug/L	0.50U	1.0	06/02/14 10:46	
Tetrachloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
Toluene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/02/14 10:46	
Trichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

METHOD BLANK: 917180 Matrix: Water

Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Vinyl acetate	ug/L	1.0U	2.0	06/02/14 10:46	
Vinyl chloride	ug/L	0.50U	1.0	06/02/14 10:46	
Xylene (Total)	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane-d4 (S)	%	104	86-125	06/02/14 10:46	
4-Bromofluorobenzene (S)	%	96	70-114	06/02/14 10:46	
Toluene-d8 (S)	%	101	87-113	06/02/14 10:46	

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethene	ug/L	20	19.6	98	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2-Dichlorobenzene	ug/L	20	21.3	107	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,4-Dichlorobenzene	ug/L	20	21.4	107	70-130	
2-Butanone (MEK)	ug/L	40	36.8	92	55-167	
2-Hexanone	ug/L	40	36.9	92	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.3	98	70-130	
Acetone	ug/L	40	39.4	98	40-150	
Acrylonitrile	ug/L	200	214	107	70-130	
Benzene	ug/L	20	20.1	100	70-130	
Bromochloromethane	ug/L	20	20.5	103	70-130	
Bromodichloromethane	ug/L	20	20.6	103	70-130	
Bromoform	ug/L	20	20.9	105	68-130	
Bromomethane	ug/L	20	22.8	114	38-179	
Carbon disulfide	ug/L	20	25.1	125	51-155	
Carbon tetrachloride	ug/L	20	19.2	96	70-130	
Chlorobenzene	ug/L	20	20.3	102	70-130	
Chloroethane	ug/L	20	21.1	106	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	21.8	109	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	23.2	116	70-130	
Dibromochloromethane	ug/L	20	20.8	104	70-130	
Dibromomethane	ug/L	20	19.3	97	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Iodomethane	ug/L	40	51.9	130	43-160	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	21.7	109	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	17.3	86	66-133	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.4	112	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.7	108	65-130	
Trichloroethene	ug/L	20	19.9	99	70-130	
Trichlorofluoromethane	ug/L	20	21.5	107	70-131	
Vinyl acetate	ug/L	20	26.5	132	69-135	
Vinyl chloride	ug/L	20	20.0	100	69-140	
Xylene (Total)	ug/L	60	60.8	101	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			94	70-114	
Toluene-d8 (S)	%			108	87-113	

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.2	106	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.0	105	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	22.8	114	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.9	105	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.9	99	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.5	107	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	27.1	135	31-132	J(M1)
1,2-Dichlorobenzene	ug/L	0.50U	20	20.6	103	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.3	91	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.7	99	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.9	99	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	34.2	85	48-138	
2-Hexanone	ug/L	5.0U	40	40.5	101	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	36.6	92	28-143	
Acetone	ug/L	16.2 I	40	51.6	88	20-140	
Acrylonitrile	ug/L	5.0U	200	165	82	46-130	
Benzene	ug/L	0.10U	20	20.3	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.2	106	54-132	
Bromodichloromethane	ug/L	0.27U	20	19.9	99	46-130	
Bromoform	ug/L	0.50U	20	19.2	96	32-130	
Bromomethane	ug/L	0.50U	20	18.7	93	20-152	
Carbon disulfide	ug/L	5.0U	20	24.7	122	28-184	
Carbon tetrachloride	ug/L	0.50U	20	21.2	106	37-137	
Chlorobenzene	ug/L	0.50U	20	21.6	108	46-130	
Chloroethane	ug/L	0.50U	20	19.6	98	48-159	
Chloroform	ug/L	0.50U	20	19.6	98	51-130	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	0.62U	20	16.2	81	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.7	99	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.5	103	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.3	107	43-130	
Dibromomethane	ug/L	0.50U	20	18.8	94	50-130	
Ethylbenzene	ug/L	0.50U	20	20.9	105	43-130	
Iodomethane	ug/L	0.50U	40	45.5	114	20-169	
Methylene Chloride	ug/L	2.5U	20	17.7	88	51-135	
Styrene	ug/L	0.50U	20	20.4	102	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.3	91	26-130	
Toluene	ug/L	0.50U	20	21.5	108	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.6	103	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	21.2	106	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	19.4	97	20-139	
Trichloroethene	ug/L	0.50U	20	20.6	103	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	22.7	113	46-146	
Vinyl acetate	ug/L	1.0U	20	19.0	95	20-165	
Vinyl chloride	ug/L	0.50U	20	20.9	104	57-142	
Xylene (Total)	ug/L	0.50U	60	63.4	106	42-130	
1,2-Dichloroethane-d4 (S)	%				94	86-125	
4-Bromofluorobenzene (S)	%				91	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	22.4	20.4	9	40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	106	101	5		
4-Bromofluorobenzene (S)	%	95	88	7		
Toluene-d8 (S)	%	111	100	10		

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

QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: OEXT/17537 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 917113 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	06/03/14 03:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	06/03/14 03:15	

LABORATORY CONTROL SAMPLE: 917114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.31	123	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 917115 917116

Parameter	Units	35139698004 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	0.0050 U	.44	.44	0.47	0.48	107	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.51	0.53	117	121	60-140	3	40	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WET/25267 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 918055 | Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 10:49	

LABORATORY CONTROL SAMPLE: 918056

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 918057

Parameter	Units	35139743001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	233	222	5	20	

SAMPLE DUPLICATE: 918058

Parameter	Units	35139698003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	465	472	1	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WETA/36253 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 914525 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/29/14 09:57	

LABORATORY CONTROL SAMPLE: 914526

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914527 914528

Parameter	Units	35139724001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.0	5.0	100	100	90-110	.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914529 914530

Parameter	Units	35139724002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.1	5.0	101	101	90-110	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WETA/36255 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 914539 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/29/14 09:57	
Sulfate	mg/L	2.5U	5.0	05/29/14 09:57	

LABORATORY CONTROL SAMPLE: 914540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.1	96	90-110	
Sulfate	mg/L	50	48.0	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914541 914542

Parameter	Units	35139724001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	65.8	50	50	120	120	109	109	90-110	.04	20	L
Sulfate	mg/L	2.5U	50	50	48.5	49.3	92	94	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 914543 914544

Parameter	Units	35139724002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	57.1	50	50	112	112	110	109	90-110	.4	20	L
Sulfate	mg/L	2.5U	50	50	48.5	48.3	94	93	90-110	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka LF
Pace Project No.: 35139698

QC Batch: WETA/36458 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

METHOD BLANK: 920409 Matrix: Water
Associated Lab Samples: 35139698001, 35139698002, 35139698003, 35139698004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/05/14 12:30	

LABORATORY CONTROL SAMPLE: 920410

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 920412

Parameter	Units	35139536012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.029 I	1	1.1	102	90-110	

SAMPLE DUPLICATE: 920411

Parameter	Units	35139536012 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.029 I	0.030 I		20	

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

QUALIFIERS

Project: Tomoka LF
Pace Project No.: 35139698

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L	Off-scale high. Actual value is known to be greater than value given.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF
Pace Project No.: 35139698

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139698002	**FA-2C**		FLD/		
35139698003	**FA-2C Dup**		FLD/		
35139698004	**FA-1B**		FLD/		
35139698001	**EQ Blank 5/28/14**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698002	**FA-2C**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698003	**FA-2C Dup**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698004	**FA-1B**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139698001	**EQ Blank 5/28/14**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139698002	**FA-2C**	EPA 3010	MPRP/18773	EPA 6010	ICP/11590
35139698003	**FA-2C Dup**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139698004	**FA-1B**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139698001	**EQ Blank 5/28/14**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139698002	**FA-2C**	EPA 3010	MPRP/18774	EPA 6020	ICPM/7601
35139698003	**FA-2C Dup**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139698004	**FA-1B**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139698001	**EQ Blank 5/28/14**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698002	**FA-2C**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698003	**FA-2C Dup**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698004	**FA-1B**	EPA 7470	MERP/4687	EPA 7470	MERC/4682
35139698001	**EQ Blank 5/28/14**	EPA 8260	MSV/11844		
35139698002	**FA-2C**	EPA 8260	MSV/11844		
35139698003	**FA-2C Dup**	EPA 8260	MSV/11844		
35139698004	**FA-1B**	EPA 8260	MSV/11844		
35139698005	**Trip Blank 5-28-14**	EPA 8260	MSV/11842		
35139698001	**EQ Blank 5/28/14**	SM 2540C	WET/25267		
35139698002	**FA-2C**	SM 2540C	WET/25267		
35139698003	**FA-2C Dup**	SM 2540C	WET/25267		
35139698004	**FA-1B**	SM 2540C	WET/25267		
35139698001	**EQ Blank 5/28/14**	EPA 300.0	WETA/36253		
35139698002	**FA-2C**	EPA 300.0	WETA/36253		
35139698003	**FA-2C Dup**	EPA 300.0	WETA/36253		
35139698004	**FA-1B**	EPA 300.0	WETA/36253		
35139698001	**EQ Blank 5/28/14**	EPA 300.0	WETA/36255		
35139698002	**FA-2C**	EPA 300.0	WETA/36255		
35139698003	**FA-2C Dup**	EPA 300.0	WETA/36255		
35139698004	**FA-1B**	EPA 300.0	WETA/36255		
35139698001	**EQ Blank 5/28/14**	EPA 350.1	WETA/36458		
35139698002	**FA-2C**	EPA 350.1	WETA/36458		
35139698003	**FA-2C Dup**	EPA 350.1	WETA/36458		
35139698004	**FA-1B**	EPA 350.1	WETA/36458		

Pace Analytical
www.pacelabs.com

WO#: 35139698

35139698

...iest Document
...be completed accurately.

Page: 1 of 1

1774452

Section A
Required Client Information:

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

Section B
Required Project Information:

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

Invoice Information:

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

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

Site Location
STATE: _____

Section D
Required Client Information

Matrix Codes
MATRIX / CODE

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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	NITRATE	CHLORIDE, SULFATE	BOD, CBOD, TOTAL METALS	NITROGEN AMMONIA (NH3)	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-28-14	0816		8	3	1	1	3						X	X	X	X	X	X			
2	FA-2C	↓	↓			↓	1012		↓	↓	↓	↓	↓						↓	↓	↓	↓	↓	↓			
3	DUPLICATE	↓	↓			↓	1012		↓	↓	↓	↓	↓						↓	↓	↓	↓	↓	↓			
4	FA-1B	↓	↓			↓	1412		↓	↓	↓	↓	↓						↓	↓	↓	↓	↓	↓			
5	~~FMB~~ TRIP BLANKS	↓	↓			↓	—		2				2											X			
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] PACE	5-28-14	1535	[signature]	5/28/14	1535	3.8	Y	N	Y
							T165			

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-28-14

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

ORIGINAL

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION:	
WELL NO: O	SAMPLE ID: EQ	DATE: 5-28-14

PURGING DATA

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

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

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GIBONI / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0806	SAMPLING ENDED AT: 0816
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE.S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010B/6020/7470 METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI	
WELL NO: 1	SAMPLE ID: FA-2C / DUPLICATE	DATE: 5-28-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.65	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (96.10 feet – 12.65 feet) X 0.16 gallons/foot = 13.352 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 23.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0914	13.50	13.50	0.25	13.46	7.84	23.04	695	0.33	0.17	YELLOW	SULFUR
0927	3.25	16.75	|	13.46	7.55	23.25	701	0.25	0.09	|	|
0940	3.25	20.00	|	13.46	7.43	23.35	707	0.23	0.06	|	|
0953	3.25	23.25	|	13.46	7.39	23.29	712	0.22	0.02	|	|

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./FL): 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: 0953	SAMPLING ENDED AT: 1012
PUMP OR TUBING DEPTH IN WELL (feet): 15	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	PE	1000	ICE		7.39	TDS, NITRATE, CL	PP	400
	2	↓	250	HNO3		<2	LOW LEVEL Hg METALS	↓	↓
	2	↓	250	H2SO4		<2	NH3	↓	↓
	4	CG	40	ICE		7.39	8011 EDB	↓	100
	6	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP-199.5 ORP-166.8 ORP-159.4 ORP-155.6

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 2 | SAMPLE ID: FA-1B | DATE: 5-28-14

PURGING DATA

WELL DIAMETER (inches): 4 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 13.40 | 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) = (97.96 feet – 13.40 feet) X 0.65 gallons/foot = 54.964 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 16 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 16 | PURGING INITIATED AT: 1018 | PURGING ENDED AT: 1406 | TOTAL VOLUME PURGED (gallons): 57.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1358	55.00	55.00	0.25	14.40	7.13	23.99	536	0.21	0.23	yellow	sulfur
1402	1.00	56.00	1	14.40	7.12	23.91	536	0.20	0.32	1	1
1406	1.00	57.00	1	14.40	7.11	23.85	535	0.19	0.22		

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: MSL / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1406 | SAMPLING ENDED AT: 1412

PUMP OR TUBING DEPTH IN WELL (feet): 16 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		7.11	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		7.11	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -85.3 ORP -85.7 ORP -85.2

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

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

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

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 35139688

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

Tracking # _____

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

Date and Initials of person examining contents: 5/28/14 TH

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

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

Cooler Temperature °C 3.9 (Visual) -0.1 (Correction Factor) 3.8 (Actual) 1535

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: 5/31/14

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

June 09, 2014

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

RE: Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

Pace Analytical Services, Inc.
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Ormond Beach, FL 32174
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CERTIFICATIONS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139865001	**EQ Blank 5/29/14**	Water	05/29/14 07:43	05/29/14 16:20
35139865002	**F-MB**	Water	05/29/14 09:24	05/29/14 16:20
35139865003	**F-MB Dup**	Water	05/29/14 09:24	05/29/14 16:20
35139865004	**B38-1**	Water	05/29/14 10:26	05/29/14 16:20
35139865005	**B38-2**	Water	05/29/14 10:54	05/29/14 16:20
35139865006	**B39**	Water	05/29/14 11:20	05/29/14 16:20
35139865007	**Trip Blank 5/29/14**	Water	05/29/14 08:00	05/29/14 16:20

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Ormond Beach, FL 32174
(386)672-5668

SAMPLE ANALYTE COUNT

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139865001	**EQ Blank 5/29/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865002	**F-MB**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865003	**F-MB Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865004	**B38-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865005	**B38-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O

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(386)672-5668

SAMPLE ANALYTE COUNT

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865006	**B39**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35139865007	**Trip Blank 5/29/14**	EPA 8260	SK	50	PASI-O

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SUMMARY OF DETECTION

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139865001	**EQ Blank 5/29/14**					
EPA 8260	Acetone	12.4 I	ug/L	20.0	06/02/14 12:00	
EPA 350.1	Nitrogen, Ammonia	0.023 I	mg/L	0.050	06/06/14 16:26	
35139865002	**F-MB**					
	Field pH	7.01	Std. Units		05/29/14 09:24	
	Field Temperature	24.50	deg C		05/29/14 09:24	
	Appearance	Color: yellow, Sheen: none			05/29/14 09:24	
	Field Specific Conductance	585	umhos/cm		05/29/14 09:24	
	Oxygen, Dissolved	0.23	mg/L		05/29/14 09:24	
	REDOX	-49.0	mV		05/29/14 09:24	
	Turbidity	2.32	NTU		05/29/14 09:24	
	Water Level(NGVD)	18.53	feet		05/29/14 09:24	
EPA 6010	Barium	19.3	ug/L	10.0	06/03/14 17:24	
EPA 6010	Iron	210	ug/L	40.0	06/03/14 17:24	
EPA 6010	Sodium	16.4	mg/L	1.0	06/03/14 17:24	
SM 2540C	Total Dissolved Solids	367	mg/L	5.0	06/03/14 11:04	
EPA 300.0	Chloride	20.5	mg/L	5.0	05/30/14 15:54	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	06/06/14 16:28	
35139865003	**F-MB Dup**					
	Field pH	7.01	Std. Units		06/02/14 13:23	
	Field Temperature	24.50	deg C		06/02/14 13:23	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:23	
	Field Specific Conductance	585	umhos/cm		06/02/14 13:23	
	Oxygen, Dissolved	0.23	mg/L		06/02/14 13:23	
	REDOX	-49.0	mV		06/02/14 13:23	
	Turbidity	2.32	NTU		06/02/14 13:23	
EPA 6010	Barium	20.4	ug/L	10.0	06/03/14 17:27	
EPA 6010	Iron	216	ug/L	40.0	06/03/14 17:27	
EPA 6010	Sodium	17.4	mg/L	1.0	06/03/14 17:27	
EPA 8260	Acetone	22.4	ug/L	20.0	06/02/14 13:15	
SM 2540C	Total Dissolved Solids	365	mg/L	5.0	06/03/14 11:04	
EPA 300.0	Chloride	20.5	mg/L	5.0	05/30/14 16:16	
EPA 350.1	Nitrogen, Ammonia	0.30	mg/L	0.050	06/06/14 16:29	
35139865004	**B38-1**					
	Field pH	5.50	Std. Units		06/02/14 13:25	
	Field Temperature	22.79	deg C		06/02/14 13:25	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:25	
	Field Specific Conductance	324	umhos/cm		06/02/14 13:25	
	Oxygen, Dissolved	0.21	mg/L		06/02/14 13:25	

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SUMMARY OF DETECTION

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139865004	**B38-1**					
	REDOX	65.4	mV		06/02/14 13:25	
	Turbidity	4.14	NTU		06/02/14 13:25	
EPA 6010	Barium	104	ug/L	10.0	06/03/14 17:31	
EPA 6010	Iron	23300	ug/L	40.0	06/03/14 17:31	
EPA 6010	Sodium	28.3	mg/L	1.0	06/03/14 17:31	
EPA 8260	Acetone	16.2 I	ug/L	20.0	06/02/14 14:05	
SM 2540C	Total Dissolved Solids	234	mg/L	5.0	06/03/14 11:05	
EPA 300.0	Chloride	58.2	mg/L	5.0	05/30/14 17:20	
EPA 300.0	Sulfate	22.0	mg/L	5.0	05/30/14 17:20	
EPA 350.1	Nitrogen, Ammonia	0.089	mg/L	0.050	06/06/14 16:31	
35139865005	**B38-2**					
	Field pH	6.01	Std. Units		06/02/14 13:26	
	Field Temperature	23.20	deg C		06/02/14 13:26	
	Appearance	Color: Yellow, Sheen: None			06/02/14 13:26	
	Field Specific Conductance	470	umhos/cm		06/02/14 13:26	
	Oxygen, Dissolved	0.15	mg/L		06/02/14 13:26	
	REDOX	4.4	mV		06/02/14 13:26	
	Turbidity	1.65	NTU		06/02/14 13:26	
EPA 6010	Barium	24.4	ug/L	10.0	06/03/14 17:46	
EPA 6010	Iron	8390	ug/L	40.0	06/03/14 17:46	
EPA 6010	Sodium	38.7	mg/L	1.0	06/03/14 17:46	
EPA 8260	Acetone	23.6	ug/L	20.0	06/02/14 14:30	
SM 2540C	Total Dissolved Solids	347	mg/L	5.0	06/03/14 11:05	
EPA 300.0	Chloride	51.3	mg/L	5.0	05/30/14 17:41	
EPA 350.1	Nitrogen, Ammonia	0.84	mg/L	0.050	06/06/14 16:33	
35139865006	**B39**					
	Field pH	4.92	Std. Units		06/02/14 13:27	
	Field Temperature	23.91	deg C		06/02/14 13:27	
	Appearance	Color, Yellow, Sheen: None			06/02/14 13:27	
	Field Specific Conductance	178	umhos/cm		06/02/14 13:27	
	Oxygen, Dissolved	0.24	mg/L		06/02/14 13:27	
	REDOX	122.6	mV		06/02/14 13:27	
	Turbidity	4.58	NTU		06/02/14 13:27	
EPA 6010	Arsenic	13.2	ug/L	10.0	06/03/14 17:50	
EPA 6010	Barium	24.3	ug/L	10.0	06/03/14 17:50	
EPA 6010	Chromium	7.7	ug/L	5.0	06/03/14 17:50	
EPA 6010	Iron	11100	ug/L	40.0	06/03/14 17:50	
EPA 6010	Sodium	18.9	mg/L	1.0	06/03/14 17:50	
EPA 6010	Vanadium	37.5	ug/L	10.0	06/03/14 17:50	
EPA 8260	Acetone	18.2 I	ug/L	20.0	06/02/14 14:55	
SM 2540C	Total Dissolved Solids	247	mg/L	5.0	06/03/14 11:05	

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SUMMARY OF DETECTION

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139865006	**B39**					
EPA 300.0	Chloride	32.0	mg/L	5.0	05/30/14 18:03	
EPA 350.1	Nitrogen, Ammonia	0.67	mg/L	0.050	06/06/14 16:35	
35139865007	**Trip Blank 5/29/14**					
EPA 8260	Acetone	13.4 I	ug/L	20.0	06/02/14 12:50	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: EQ Blank 5/29/14 **Lab ID: 35139865001** Collected: 05/29/14 07:43 Received: 05/29/14 16:20 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	**0.0050U**	ug/L	0.021	0.0050	1	06/02/14 13:00	06/03/14 05:15	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 05:15	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:09	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:09	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:09	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:09	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:09	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:09	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:09	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:09	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:15	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**12.4 I**	ug/L	20.0	10.0	1		06/02/14 12:00	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:00	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:00	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:00	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:00	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	107-06-2	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: EQ Blank 5/29/14 **Lab ID: 35139865001** Collected: 05/29/14 07:43 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:00	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:00	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:00	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:00	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:00	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:00	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		06/02/14 12:00	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		06/02/14 12:00	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		06/02/14 12:00	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		06/03/14 11:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 15:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/30/14 15:33	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 15:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.023 I**	mg/L	0.050	0.020	1		06/06/14 16:26	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB **Lab ID: 35139865002** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.01**	Std. Units			1		05/29/14 09:24		
Field Temperature	**24.50**	deg C			1		05/29/14 09:24		
Appearance	**Color: yellow, Sheen: none**				1		05/29/14 09:24		
Field Specific Conductance	**585**	umhos/cm			1		05/29/14 09:24		
Oxygen, Dissolved	**0.23**	mg/L			1		05/29/14 09:24	7782-44-7	
REDOX	**-49.0**	mV			1		05/29/14 09:24		
Turbidity	**2.32**	NTU			1		05/29/14 09:24		
Water Level(NGVD)	**18.53**	feet			1		05/29/14 09:24		
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	06/02/14 13:00	06/03/14 05:31	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 05:31	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-38-2	
Barium	**19.3**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:24	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:24	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-50-8	
Iron	**210**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:24	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:24	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:24	7440-22-4	
Sodium	**16.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:24	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:24	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:24	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:28	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:28	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/02/14 12:25	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:25	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:25	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	78-93-3	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB **Lab ID: 35139865002** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:25	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:25	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:25	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:25	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:25	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:25	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:25	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:25	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		06/02/14 12:25	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		06/02/14 12:25	17060-07-0	
Toluene-d8 (S)	109	%	87-113		1		06/02/14 12:25	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**367**	mg/L	5.0	5.0	1		06/03/14 11:04		

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB **Lab ID: 35139865002** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 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		05/30/14 15:54	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**20.5**	mg/L	5.0	2.5	1		05/30/14 15:54	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 15:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		06/06/14 16:28	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB Dup **Lab ID: 35139865003** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.01**	Std. Units			1		06/02/14 13:23		
Field Temperature	**24.50**	deg C			1		06/02/14 13:23		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:23		
Field Specific Conductance	**585**	umhos/cm			1		06/02/14 13:23		
Oxygen, Dissolved	**0.23**	mg/L			1		06/02/14 13:23	7782-44-7	
REDOX	**-49.0**	mV			1		06/02/14 13:23		
Turbidity	**2.32**	NTU			1		06/02/14 13:23		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	06/02/14 13:00	06/03/14 06:01	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 06:01	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-38-2	
Barium	**20.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:27	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:27	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-50-8	
Iron	**216**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:27	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:27	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:27	7440-22-4	
Sodium	**17.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:27	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:27	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:27	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:31	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**22.4**	ug/L	20.0	10.0	1		06/02/14 13:15	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 13:15	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 13:15	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB Dup **Lab ID: 35139865003** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 13:15	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 13:15	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 13:15	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 13:15	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 13:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 13:15	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 13:15	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 13:15	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 13:15	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 13:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/02/14 13:15	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		06/02/14 13:15	17060-07-0	
Toluene-d8 (S)	111	%	87-113		1		06/02/14 13:15	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**365**	mg/L	5.0	5.0	1		06/03/14 11:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 16:16	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: F-MB Dup **Lab ID: 35139865003** Collected: 05/29/14 09:24 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**20.5**	mg/L	5.0	2.5	1		05/30/14 16:16	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 16:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.30**	mg/L	0.050	0.020	1		06/06/14 16:29	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-1 **Lab ID: 35139865004** Collected: 05/29/14 10:26 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.50**	Std. Units			1		06/02/14 13:25		
Field Temperature	**22.79**	deg C			1		06/02/14 13:25		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:25		
Field Specific Conductance	**324**	umhos/cm			1		06/02/14 13:25		
Oxygen, Dissolved	**0.21**	mg/L			1		06/02/14 13:25	7782-44-7	
REDOX	**65.4**	mV			1		06/02/14 13:25		
Turbidity	**4.14**	NTU			1		06/02/14 13:25		
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	06/02/14 13:00	06/03/14 06:17	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 06:17	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-38-2	
Barium	**104**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:31	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:31	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-50-8	
Iron	**23300**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:31	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:31	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:31	7440-22-4	
Sodium	**28.3**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:31	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:31	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:31	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:34	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:34	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**16.2 I**	ug/L	20.0	10.0	1		06/02/14 14:05	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 14:05	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 14:05	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-1 **Lab ID: 35139865004** Collected: 05/29/14 10:26 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 14:05	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 14:05	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:05	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:05	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 14:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:05	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 14:05	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 14:05	96-18-4	J(M1)
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 14:05	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		06/02/14 14:05	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		06/02/14 14:05	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		06/02/14 14:05	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**234**	mg/L	5.0	5.0	1		06/03/14 11:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 17:20	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-1 **Lab ID: 35139865004** Collected: 05/29/14 10:26 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**58.2**	mg/L	5.0	2.5	1		05/30/14 17:20	16887-00-6	
Sulfate	**22.0**	mg/L	5.0	2.5	1		05/30/14 17:20	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.089**	mg/L	0.050	0.020	1		06/06/14 16:31	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-2 **Lab ID: 35139865005** Collected: 05/29/14 10:54 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.01**	Std. Units			1		06/02/14 13:26		
Field Temperature	**23.20**	deg C			1		06/02/14 13:26		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 13:26		
Field Specific Conductance	**470**	umhos/cm			1		06/02/14 13:26		
Oxygen, Dissolved	**0.15**	mg/L			1		06/02/14 13:26	7782-44-7	
REDOX	**4.4**	mV			1		06/02/14 13:26		
Turbidity	**1.65**	NTU			1		06/02/14 13:26		
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	06/02/14 13:00	06/03/14 06:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	06/02/14 13:00	06/03/14 06:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-38-2	
Barium	**24.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:46	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:46	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-50-8	
Iron	**8390**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:46	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:46	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:46	7440-22-4	
Sodium	**38.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:46	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:46	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:46	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:37	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**23.6**	ug/L	20.0	10.0	1		06/02/14 14:30	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 14:30	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 14:30	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-2 **Lab ID: 35139865005** Collected: 05/29/14 10:54 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 14:30	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 14:30	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:30	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:30	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 14:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:30	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 14:30	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 14:30	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 14:30	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		06/02/14 14:30	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		06/02/14 14:30	17060-07-0	
Toluene-d8 (S)	96	%	87-113		1		06/02/14 14:30	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**347**	mg/L	5.0	5.0	1		06/03/14 11:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 17:41	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B38-2 **Lab ID: 35139865005** Collected: 05/29/14 10:54 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**51.3**	mg/L	5.0	2.5	1		05/30/14 17:41	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 17:41	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.84**	mg/L	0.050	0.020	1		06/06/14 16:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B39 **Lab ID: 35139865006** Collected: 05/29/14 11:20 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**4.92**	Std. Units			1		06/02/14 13:27		
Field Temperature	**23.91**	deg C			1		06/02/14 13:27		
Appearance	**Color, Yellow, Sheen: None**				1		06/02/14 13:27		
Field Specific Conductance	**178**	umhos/cm			1		06/02/14 13:27		
Oxygen, Dissolved	**0.24**	mg/L			1		06/02/14 13:27	7782-44-7	
REDOX	**122.6**	mV			1		06/02/14 13:27		
Turbidity	**4.58**	NTU			1		06/02/14 13:27		
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	06/02/14 13:00	06/03/14 06:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	06/02/14 13:00	06/03/14 06:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**13.2**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-38-2	
Barium	**24.3**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:50	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:50	7440-43-9	
Chromium	**7.7**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-50-8	
Iron	**11100**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:50	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/31/14 12:55	06/03/14 17:50	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:50	7440-22-4	
Sodium	**18.9**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:50	7440-23-5	
Vanadium	**37.5**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:50	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:50	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:40	7440-28-0	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**18.2 I**	ug/L	20.0	10.0	1		06/02/14 14:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 14:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 14:55	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	75-15-0	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B39 **Lab ID: 35139865006** Collected: 05/29/14 11:20 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 14:55	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 14:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 14:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 14:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 14:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 14:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 14:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 14:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 14:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		06/02/14 14:55	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		06/02/14 14:55	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/02/14 14:55	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**247**	mg/L	5.0	5.0	1		06/03/14 11:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 18:03	14797-55-8	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: B39 **Lab ID: 35139865006** Collected: 05/29/14 11:20 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**32.0**	mg/L	5.0	2.5	1		05/30/14 18:03	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/30/14 18:03	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.67**	mg/L	0.050	0.020	1		06/06/14 16:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: Trip Blank 5/29/14 **Lab ID: 35139865007** Collected: 05/29/14 08:00 Received: 05/29/14 16:20 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**13.4 I**	ug/L	20.0	10.0	1		06/02/14 12:50	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/02/14 12:50	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/02/14 12:50	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/02/14 12:50	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:50	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/02/14 12:50	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:50	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/02/14 12:50	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/02/14 12:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/02/14 12:50	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/02/14 12:50	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/02/14 12:50	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/02/14 12:50	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/02/14 12:50	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Sample: Trip Blank 5/29/14 **Lab ID: 35139865007** Collected: 05/29/14 08:00 Received: 05/29/14 16:20 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		06/02/14 12:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		06/02/14 12:50	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		06/02/14 12:50	17060-07-0	
Toluene-d8 (S)	107	%	87-113		1		06/02/14 12:50	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: MPRP/18775 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916681 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/03/14 16:31	
Barium	ug/L	5.0U	10.0	06/03/14 16:31	
Beryllium	ug/L	0.50U	1.0	06/03/14 16:31	
Cadmium	ug/L	0.50U	1.0	06/03/14 16:31	
Chromium	ug/L	2.5U	5.0	06/03/14 16:31	
Cobalt	ug/L	5.0U	10.0	06/03/14 16:31	
Copper	ug/L	2.5U	5.0	06/03/14 16:31	
Iron	ug/L	20.0U	40.0	06/03/14 16:31	
Lead	ug/L	5.0U	10.0	06/03/14 16:31	
Nickel	ug/L	2.5U	5.0	06/03/14 16:31	
Selenium	ug/L	7.5U	15.0	06/03/14 16:31	
Silver	ug/L	2.5U	5.0	06/03/14 16:31	
Sodium	mg/L	0.50U	1.0	06/03/14 16:31	
Vanadium	ug/L	5.0U	10.0	06/03/14 16:31	
Zinc	ug/L	10.0U	20.0	06/03/14 16:31	

LABORATORY CONTROL SAMPLE: 916682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	255	102	80-120	
Barium	ug/L	250	266	107	80-120	
Beryllium	ug/L	25	26.2	105	80-120	
Cadmium	ug/L	25	26.4	106	80-120	
Chromium	ug/L	250	264	106	80-120	
Cobalt	ug/L	250	266	106	80-120	
Copper	ug/L	250	254	102	80-120	
Iron	ug/L	2500	2690	108	80-120	
Lead	ug/L	250	270	108	80-120	
Nickel	ug/L	250	270	108	80-120	
Selenium	ug/L	250	265	106	80-120	
Silver	ug/L	25	26.9	108	80-120	
Sodium	mg/L	12.5	13.2	106	80-120	
Vanadium	ug/L	250	259	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	263	104	105	75-125	.9	20	
Barium	ug/L	23.1	250	250	292	295	107	109	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.7	26.9	107	107	75-125	.6	20	
Cadmium	ug/L	0.50U	25	25	26.1	26.2	104	105	75-125	.4	20	
Chromium	ug/L	2.5U	250	250	266	268	106	107	75-125	.8	20	
Cobalt	ug/L	5.0U	250	250	265	266	106	106	75-125	.04	20	
Copper	ug/L	2.5U	250	250	264	265	105	106	75-125	.5	20	
Iron	ug/L	1220	2500	2500	3920	3960	108	110	75-125	.9	20	
Lead	ug/L	5.0U	250	250	260	262	104	105	75-125	.7	20	
Nickel	ug/L	2.5U	250	250	269	269	108	108	75-125	.1	20	
Selenium	ug/L	7.5U	250	250	266	268	106	107	75-125	1	20	
Silver	ug/L	2.5U	25	25	27.4	28.1	108	111	75-125	3	20	
Sodium	mg/L	49.2	12.5	12.5	62.5	62.2	106	104	75-125	.5	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	105	75-125	.3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: MPRP/18776 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916685 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 03:48	
Thallium	ug/L	0.50U	1.0	06/01/14 03:48	

LABORATORY CONTROL SAMPLE: 916686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.5	97	80-120	
Thallium	ug/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916687 916688

Parameter	Units	35139698004 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	48.2	48.8	96	97	75-125	1	20	
Thallium	ug/L	0.50U	50	50	51.1	50.7	102	101	75-125	.8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: MSV/11844 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006, 35139865007

METHOD BLANK: 917180 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006, 35139865007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/02/14 10:46	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/02/14 10:46	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	06/02/14 10:46	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/02/14 10:46	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/02/14 10:46	
2-Hexanone	ug/L	5.0U	10.0	06/02/14 10:46	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/02/14 10:46	
Acetone	ug/L	10.0U	20.0	06/02/14 10:46	
Acrylonitrile	ug/L	5.0U	10.0	06/02/14 10:46	
Benzene	ug/L	0.10U	1.0	06/02/14 10:46	
Bromochloromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Bromodichloromethane	ug/L	0.27U	0.60	06/02/14 10:46	
Bromoform	ug/L	0.50U	1.0	06/02/14 10:46	
Bromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Carbon disulfide	ug/L	5.0U	10.0	06/02/14 10:46	
Carbon tetrachloride	ug/L	0.50U	1.0	06/02/14 10:46	
Chlorobenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroethane	ug/L	0.50U	1.0	06/02/14 10:46	
Chloroform	ug/L	0.50U	1.0	06/02/14 10:46	
Chloromethane	ug/L	0.62U	1.0	06/02/14 10:46	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	
Dibromochloromethane	ug/L	0.26U	0.50	06/02/14 10:46	
Dibromomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Ethylbenzene	ug/L	0.50U	1.0	06/02/14 10:46	
Iodomethane	ug/L	0.50U	1.0	06/02/14 10:46	
Methylene Chloride	ug/L	2.5U	5.0	06/02/14 10:46	
Styrene	ug/L	0.50U	1.0	06/02/14 10:46	
Tetrachloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
Toluene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/02/14 10:46	

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

METHOD BLANK: 917180 Matrix: Water

Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006, 35139865007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/02/14 10:46	
Trichloroethene	ug/L	0.50U	1.0	06/02/14 10:46	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/02/14 10:46	
Vinyl acetate	ug/L	1.0U	2.0	06/02/14 10:46	
Vinyl chloride	ug/L	0.50U	1.0	06/02/14 10:46	
Xylene (Total)	ug/L	0.50U	1.0	06/02/14 10:46	
1,2-Dichloroethane-d4 (S)	%	104	86-125	06/02/14 10:46	
4-Bromofluorobenzene (S)	%	96	70-114	06/02/14 10:46	
Toluene-d8 (S)	%	101	87-113	06/02/14 10:46	

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	21.1	105	70-130	
1,1-Dichloroethene	ug/L	20	19.6	98	70-130	
1,2,3-Trichloropropane	ug/L	20	22.8	114	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	22.2	111	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	21.3	107	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,4-Dichlorobenzene	ug/L	20	21.4	107	70-130	
2-Butanone (MEK)	ug/L	40	36.8	92	55-167	
2-Hexanone	ug/L	40	36.9	92	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.3	98	70-130	
Acetone	ug/L	40	39.4	98	40-150	
Acrylonitrile	ug/L	200	214	107	70-130	
Benzene	ug/L	20	20.1	100	70-130	
Bromochloromethane	ug/L	20	20.5	103	70-130	
Bromodichloromethane	ug/L	20	20.6	103	70-130	
Bromoform	ug/L	20	20.9	105	68-130	
Bromomethane	ug/L	20	22.8	114	38-179	
Carbon disulfide	ug/L	20	25.1	125	51-155	
Carbon tetrachloride	ug/L	20	19.2	96	70-130	
Chlorobenzene	ug/L	20	20.3	102	70-130	
Chloroethane	ug/L	20	21.1	106	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	21.8	109	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	23.2	116	70-130	

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

LABORATORY CONTROL SAMPLE: 917181

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	20.8	104	70-130	
Dibromomethane	ug/L	20	19.3	97	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Iodomethane	ug/L	40	51.9	130	43-160	
Methylene Chloride	ug/L	20	21.7	109	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	17.3	86	66-133	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	22.4	112	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.7	108	65-130	
Trichloroethene	ug/L	20	19.9	99	70-130	
Trichlorofluoromethane	ug/L	20	21.5	107	70-131	
Vinyl acetate	ug/L	20	26.5	132	69-135	
Vinyl chloride	ug/L	20	20.0	100	69-140	
Xylene (Total)	ug/L	60	60.8	101	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			94	70-114	
Toluene-d8 (S)	%			108	87-113	

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.2	106	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.0	105	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	22.8	114	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.9	105	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.9	99	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.5	107	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	27.1	135	31-132	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	22.6	113	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20.9	105	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.6	103	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.3	91	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.7	99	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.9	99	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	34.2	85	48-138	
2-Hexanone	ug/L	5.0U	40	40.5	101	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	36.6	92	28-143	
Acetone	ug/L	16.2 I	40	51.6	88	20-140	
Acrylonitrile	ug/L	5.0U	200	165	82	46-130	
Benzene	ug/L	0.10U	20	20.3	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.2	106	54-132	
Bromodichloromethane	ug/L	0.27U	20	19.9	99	46-130	
Bromoform	ug/L	0.50U	20	19.2	96	32-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

MATRIX SPIKE SAMPLE: 918580

Parameter	Units	35139865004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	18.7	93	20-152	
Carbon disulfide	ug/L	5.0U	20	24.7	122	28-184	
Carbon tetrachloride	ug/L	0.50U	20	21.2	106	37-137	
Chlorobenzene	ug/L	0.50U	20	21.6	108	46-130	
Chloroethane	ug/L	0.50U	20	19.6	98	48-159	
Chloroform	ug/L	0.50U	20	19.6	98	51-130	
Chloromethane	ug/L	0.62U	20	16.2	81	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.7	99	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.5	103	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.3	107	43-130	
Dibromomethane	ug/L	0.50U	20	18.8	94	50-130	
Ethylbenzene	ug/L	0.50U	20	20.9	105	43-130	
Iodomethane	ug/L	0.50U	40	45.5	114	20-169	
Methylene Chloride	ug/L	2.5U	20	17.7	88	51-135	
Styrene	ug/L	0.50U	20	20.4	102	40-130	
Tetrachloroethene	ug/L	0.50U	20	18.3	91	26-130	
Toluene	ug/L	0.50U	20	21.5	108	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.6	103	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	21.2	106	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	19.4	97	20-139	
Trichloroethene	ug/L	0.50U	20	20.6	103	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	22.7	113	46-146	
Vinyl acetate	ug/L	1.0U	20	19.0	95	20-165	
Vinyl chloride	ug/L	0.50U	20	20.9	104	57-142	
Xylene (Total)	ug/L	0.50U	60	63.4	106	42-130	
1,2-Dichloroethane-d4 (S)	%				94	86-125	
4-Bromofluorobenzene (S)	%				91	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

SAMPLE DUPLICATE: 918579

Parameter	Units	35139865003 Result	Dup Result	RPD	Max RPD	Qualifiers
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	22.4	20.4	9	40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	106	101	5		
4-Bromofluorobenzene (S)	%	95	88	7		
Toluene-d8 (S)	%	111	100	10		

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: OEXT/17537 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 917113 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	06/03/14 03:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	06/03/14 03:15	

LABORATORY CONTROL SAMPLE: 917114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.31	123	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 917115 917116

Parameter	Units	35139698004 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	0.0050 U	.44	.44	0.47	0.48	107	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.51	0.53	117	121	60-140	3	40	

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WET/25268 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 918059 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 11:00	

LABORATORY CONTROL SAMPLE: 918060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	315	105	90-110	

SAMPLE DUPLICATE: 918061

Parameter	Units	35139920001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	808	804	.5	20	

SAMPLE DUPLICATE: 918062

Parameter	Units	35140079004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3690	3620	2	20	

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Pace Analytical Services, Inc.
8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WETA/36315 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916132 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/30/14 14:50	

LABORATORY CONTROL SAMPLE: 916133

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916134 916135

Parameter	Units	35139833002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.082	5	5	5.2	5.2	103	103	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916136 916137

Parameter	Units	35139865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.1	5.1	102	102	90-110	.2	20	

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(386)672-5668

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WETA/36317 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 916152 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	06/06/14 08:19	
Sulfate	mg/L	2.5U	5.0	06/06/14 08:19	

LABORATORY CONTROL SAMPLE: 916153

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.8	96	90-110	
Sulfate	mg/L	50	47.7	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916154 916155

Parameter	Units	35139833002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	204	50	50	299	299	190	189	90-110	.1	20	L
Sulfate	mg/L	35.4	50	50	89.4	89.1	108	107	90-110	.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916156 916157

Parameter	Units	35139865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	20.5	50	50	73.0	73.1	105	105	90-110	.07	20	
Sulfate	mg/L	2.5U	50	50	48.4	48.7	97	97	90-110	.6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALITY CONTROL DATA

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

QC Batch: WETA/36504 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

METHOD BLANK: 921610 Matrix: Water
Associated Lab Samples: 35139865001, 35139865002, 35139865003, 35139865004, 35139865005, 35139865006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/06/14 16:14	

LABORATORY CONTROL SAMPLE: 921611

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.92	92	90-110	

MATRIX SPIKE SAMPLE: 921613

Parameter	Units	35139538001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.71	1	1.6	92	90-110	

SAMPLE DUPLICATE: 921612

Parameter	Units	35139538001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.71	0.71	.3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALIFIERS

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
L	Off-scale high. Actual value is known to be greater than value given.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139865002	**F-MB**		FLD/		
35139865003	**F-MB Dup**		FLD/		
35139865004	**B38-1**		FLD/		
35139865005	**B38-2**		FLD/		
35139865006	**B39**		FLD/		
35139865001	**EQ Blank 5/29/14**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865002	**F-MB**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865003	**F-MB Dup**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865004	**B38-1**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865005	**B38-2**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865006	**B39**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139865001	**EQ Blank 5/29/14**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865002	**F-MB**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865003	**F-MB Dup**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865004	**B38-1**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865005	**B38-2**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865006	**B39**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139865001	**EQ Blank 5/29/14**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865002	**F-MB**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865003	**F-MB Dup**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865004	**B38-1**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865005	**B38-2**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865006	**B39**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139865001	**EQ Blank 5/29/14**	EPA 8260	MSV/11844		
35139865002	**F-MB**	EPA 8260	MSV/11844		
35139865003	**F-MB Dup**	EPA 8260	MSV/11844		
35139865004	**B38-1**	EPA 8260	MSV/11844		
35139865005	**B38-2**	EPA 8260	MSV/11844		
35139865006	**B39**	EPA 8260	MSV/11844		
35139865007	**Trip Blank 5/29/14**	EPA 8260	MSV/11844		
35139865001	**EQ Blank 5/29/14**	SM 2540C	WET/25268		
35139865002	**F-MB**	SM 2540C	WET/25268		
35139865003	**F-MB Dup**	SM 2540C	WET/25268		
35139865004	**B38-1**	SM 2540C	WET/25268		
35139865005	**B38-2**	SM 2540C	WET/25268		
35139865006	**B39**	SM 2540C	WET/25268		
35139865001	**EQ Blank 5/29/14**	EPA 300.0	WETA/36315		
35139865002	**F-MB**	EPA 300.0	WETA/36315		
35139865003	**F-MB Dup**	EPA 300.0	WETA/36315		
35139865004	**B38-1**	EPA 300.0	WETA/36315		
35139865005	**B38-2**	EPA 300.0	WETA/36315		
35139865006	**B39**	EPA 300.0	WETA/36315		
35139865001	**EQ Blank 5/29/14**	EPA 300.0	WETA/36317		
35139865002	**F-MB**	EPA 300.0	WETA/36317		
35139865003	**F-MB Dup**	EPA 300.0	WETA/36317		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF semi-annual
Pace Project No.: 35139865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139865004	**B38-1**	EPA 300.0	WETA/36317		
35139865005	**B38-2**	EPA 300.0	WETA/36317		
35139865006	**B39**	EPA 300.0	WETA/36317		
35139865001	**EQ Blank 5/29/14**	EPA 350.1	WETA/36504		
35139865002	**F-MB**	EPA 350.1	WETA/36504		
35139865003	**F-MB Dup**	EPA 350.1	WETA/36504		
35139865004	**B38-1**	EPA 350.1	WETA/36504		
35139865005	**B38-2**	EPA 350.1	WETA/36504		
35139865006	**B39**	EPA 350.1	WETA/36504		

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WO# : 35139865

35139865

est Document
e completed accurately.

Page: 1 of 1

1679296

Section A
Required Client Information:

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

Section B
Required Project I...

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

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

REGULATORY AGENCY

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

Site Location STATE: _____

Section D
Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N ↓	NITRATE CHLORIDE	SULFATE TDS	AMMONIA AMMONIA (NH3)	SOLID/Hg METALS	VOLL EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	SW	G			5-29-14	0743		8	3	1	1	3					X	X	X	X	X	X		
2	FMB	↓	↓			↓	0924		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
3	DUPLICATE	↓	↓			↓	0924		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
4	B 38-1	↓	↓			↓	1026		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
5	B 38-2	↓	↓			↓	1054		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
6	B 39	↓	↓			↓	1120		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓		
7	TRIP BLANKS	↓	↓			↓	—		2				2									X			
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
SAMPLING KIT-EMPTY	[signature]	5/27/14	1400	[signature]	5-29-14	0600	
	[signature]	5-29-14	1620				

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 5-29-14

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

ORIGINAL

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI	
WELL NO: 0	SAMPLE ID: EQ	DATE: 5-29-14

PURGING DATA

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

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

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

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

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0737	SAMPLING ENDED AT: 0743
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	Hg, CaCO/Hg METALS	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE		SITE LOCATION: TOMOKA SEMI	
WELL NO:	SAMPLE ID: FMB / DUPLICATE		DATE: 5-29-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 15.35	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)
= (29.30 feet – 15.35 feet) X 0.16 gallons/foot = 13.432 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): 17	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 0750	PURGING ENDED AT: 0912	TOTAL VOLUME PURGED (gallons): 20.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0844	13.50	13.50	0.25	16.50	7.02	24.40	585	0.29	0.92	yellow	sulfur
0858	3.50	17.00		16.50	7.01	24.45	586	0.25	1.82		
0912	3.50	20.50		16.50	7.01	24.50	585	0.23	2.32		

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 GIBBS / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0912	SAMPLING ENDED AT: 0924
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	PE	1000	ICE		7.01	TDS, NITRATE, Cl	PP	400
	2	↓	250	HNO3		<2	~~WQ/GRO~~/~~VOC~~ H, METALS	↓	↓
	2	↓	250	H2SO4		<2	~~SOIL BOD~~ NH3	↓	↓
	4	CG	40	ICE		7.01	~~8260 VOC~~ DOB	↓	100
	6	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -46.3 ORP -47.2 ORP -49.0

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI

WELL NO: 2 | SAMPLE ID: B38-1 | DATE: 5-29-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.20 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (39.40 feet – 3.20 feet) X 0.16 gallons/foot = 5.792 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: 0944 | PURGING ENDED AT: 1020 | TOTAL VOLUME PURGED (gallons): 9.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1008	6.00	6.00	0.25	4.45	5.49	22.74	320	0.33	8.84	Yellow	none
1014	1.50	7.50		4.47	5.50	22.77	323	0.25	6.21		
1020	1.50	9.00		4.50	5.50	22.79	324	0.21	4.14		

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: 1020 | SAMPLING ENDED AT: 1026

PUMP OR TUBING DEPTH IN WELL (feet): 6 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.50	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010, 6020 Metals	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		5.50	8011 DBS	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 69.5 ORP 66.3 ORP 65.4

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI	
WELL NO: 3	SAMPLE ID: B38-2	DATE: 5-29-16

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 1.25	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.43 feet – 1.25 feet) X 0.16 gallons/foot = 2.588 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): 3	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1048	TOTAL VOLUME PURGED (gallons): 4.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1042	2.75	2.75	0.25	3.25	6.00	23.18	473	0.01	1.21	YELLOW	SULFUR
1045	0.75	3.50	1	3.29	6.01	23.10	473	0.18	1.81	1	1
1048	0.75	4.25		3.33	6.01	23.20	470	0.15	1.67		

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: 1048	SAMPLING ENDED AT: 1054
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP (Y) N	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.01	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Lab(ICP)/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.01	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 6.7 ORP 5.7 ORP 4.4

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

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SCM1

WELL NO: 4 | SAMPLE ID: B 39 | DATE: 5-29-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.00 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.76 feet – 4.00 feet) X 0.16 gallons/foot = 2.016 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): 7 | PURGING INITIATED AT: 1101 | PURGING ENDED AT: 1114 | TOTAL VOLUME PURGED (gallons): 3.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1110	2.25	2.25	0.25	5.85	4.88	23.86	180	0.32	4.56	yellow	sulfur
1112	0.50	2.75	1	5.86	4.89	23.90	175	0.28	5.57		
1114	0.50	3.25			4.92	23.91	178	0.24	4.58		

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 GIBBAT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1114 | SAMPLING ENDED AT: 1120

PUMP OR TUBING DEPTH IN WELL (feet): 7 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

FIELD DECONTAMINATION: PUMP (Y) N TUBING (Y) N (replaced) | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 125.1 ORP 123.6 ORP 122.6

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

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

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

Pace Analytical

Pace Analytical Services, Inc. Florida Laboratory
8 E. Tower Circle, Ormond Beach, FL 32174

PACE FIELD SAMPLING WORK ORDER

Project Name: Tomoka LF semi-annual **Work Order #:** _____

Client: Volusia County

PACE Project Manager: Jeff **Date:** 1/31/2014

Profile: 1590 **Line Item:** 1 for GW, 2 for TB App I, 3 for SW

Sampling Location: Tomoka LF

Sampling Date: May 2014

Time to Report on Site: _____

Site Contact: Jennifer Stirk **Contact #:** 947-2952

Bottle order #: 29354 MW, 29355 SW

General Sampling Instructions: 54 GWs and 7 SWs need sampled. Be sure to check in at front office each day before beginning sampling. An EQ Blank, Field duplicate, and trip blank needs to be taken each day of sampling. Waterlevels and total well depths for all 54 GW wells need to be taken on a single day during event. Record waterlevel and well depth info on attached sheet along with staff gauge readings on SWs. Need to collect Leachate from Discharge pipe, not from tank.

Document on field sheets that purge water disposal is discharge to ground

QC SamplesTo Be Collected: (Check one or more)

Equipment Blank: X Trip Blank: X Field Blank: ____

Field Duplicate: X Matrix Spike: ____ _____: ____

Field Parameters Needed: (Check one or more)

pH: X Conductivity: X Turbidity: X Color/sheens: X

DO: X Temperature: X Waterlevels: X

Staff Gauge readings on SW: X Total Well depths: X

Miscellaneous Instructions or Notes: _____

FOR PACE FIELD TECH USE ONLY

	Sampling Start Time	Sampling Finish Time	Date
Field Tech 1:			
Field Tech 2:			
Field Tech 3:			
Field Tech 4:			

Pace Analytical®

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

BOTTLE ORDER # 29354

1/31/2014 2:38:50 PM

	Ship To:	Return To:
Contact: Ms. Jennifer Stirk	Contact: Ms. Jennifer Stirk	Contact:
Company: Volusia County Solid Waste Ma	Company: Volusia County Solid Waste Man	Lab Name: PACE - FL
Address: 1990 Tomoka Farms Road	Address: 1990 Tomoka Farms Road	Address: 8 East Tower Circle
City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Ormond Beach ,FL ,32174
Phone: Ext.	Phone: Ext.	Phone: (386) 672-5668 Ext.
Initiator: Jeff Baylor PM: JSB		

Proj. Description: Tomoka Semi-annual Quote Number: Profile Number:
Needs Bottles by: 05/01/2014 - Expected Date Ret: Shipping Method: Pace Field - Ormon

Return Shipping Labels
- ☐ No Shipper #
- ☐ With Shipper #

COC's
- ☑ Blank # 5
- ☐ Preprinted

Bottle Labels
- ☐ Blank
- ☐ Pre-Printed - With Sample IDs
- ☑ Pre-Printed - No Sample IDs

Bottles
- ☐ Boxed Cases
- ☐ Individually Wrapped
- ☑ Grouped By Sample ID / Matrix

Misc
- ☐ Sampling Instructions
- ☐ Custody Seal
- ☐ Temp. Blanks
- ☐ Coolers:
- ☐ Extra Bubble Wrap
- ☐ 10 mL Cut-Off Syringes
- ☐ Short Hold / Rush Stickers
- ☐ DI Water 0 Liter(s)

Trip Blank ☑

Qty	Total	Matrix	Method	BottleType	LotNumber	Note
64	64	Water	nitrate, chloride, sulfate, TDS	1-1L Plastic Unpreserved		
64	64	Water	Nitrogen, Ammonia (NH3)	1-250mL Plastic w/ H2SO4		
64	64	Water	6010/6020/Hg Metals	1-250mL Plastic w/ HNO3		
64	128	Water	8011 EDB	2-40mL Clear Glass Unpreserved		
64	192	Water	8260 Volatile Organic Compounds	3-40mL Clear Glass w/ HCl		
5	10	Water	Trip Blank	2-40mL vials w/ HCl & DI Water		

RETURN WITH COC

Notes:

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing.

Shipped Date:
Shipped By:
Verified By:

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 35139865

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

Tracking # _____

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

Date and Initials of person examining contents: 05/29/14 1620

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

Thermometer Used: T168 Type of Ice: (Wet) Blue None

Cooler Temperature °C 0.1 (Visual) -0.1 (Correction Factor) 0.0 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☒ No time for trip blanks. Used 800 as default.
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: 6/2/14

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

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

June 11, 2014

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

RE: Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 29, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

cc: John Catches, HDR Engineering, Inc.
Handi Wang, Volusia County Solid Waste Man
Ms. Katherine Weitz, HDR Engineering, Inc.

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

CERTIFICATIONS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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

SAMPLE SUMMARY

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139867001	**EQ Blank 2 5/29/14**	Water	05/29/14 11:57	05/29/14 16:40
35139867002	**SW3**	Water	05/29/14 12:17	05/29/14 16:40
35139867003	**SW2**	Water	05/29/14 13:00	05/29/14 16:40
35139867004	**SW2 Dup**	Water	05/29/14 13:00	05/29/14 16:40
35139867005	**SW4**	Water	05/29/14 13:30	05/29/14 16:40
35139867006	**SW5**	Water	05/29/14 14:00	05/29/14 16:40
35139867007	**SW11**	Water	05/29/14 14:40	05/29/14 16:40
35139867008	**SW12**	Water	05/29/14 15:05	05/29/14 16:40
35139867009	**SW1**	Water	05/29/14 15:35	05/29/14 16:40
35139867010	**Trip Blank 2 5/29/14**	Water	05/29/14 00:00	05/29/14 16:40

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139867001	**EQ Blank 2 5/29/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	1	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867002	**SW3**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867003	**SW2**	EPA 8011	LJM	2	PASI-O

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8 East Tower Circle
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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	50	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867004	**SW2 Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867005	**SW4**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867006	**SW5**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867007	**SW11**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867008	**SW12**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O
		SM 9222D	CJF	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867009	**SW1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	CRT	10	PASI-O
		EPA 6020	DRS, HEA	8	PASI-O
		SM 9222D	CJF	1	PASI-O

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	AGS	1	PASI-O
		SM 2540D	AGS	1	PASI-O
		SM 5210B	DCI	1	PASI-O
		SM10200	DCI	1	PASI-O
		TKN+NOx Calculation	CLS	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 350.1	ADC	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	AGS	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35139867010	**Trip Blank 2 5/29/14**	EPA 8260	SK	50	PASI-O

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8 East Tower Circle
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(386)672-5668

SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867002	**SW3**					
	Field pH	6.38	Std. Units		06/02/14 15:26	
	Field Temperature	22.34	deg C		06/02/14 15:26	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:26	
	Field Specific Conductance	202	umhos/cm		06/02/14 15:26	
	Oxygen, Dissolved	0.63	mg/L		06/02/14 15:26	
	REDOX	14.8	mV		06/02/14 15:26	
	Turbidity	41.5	NTU		06/02/14 15:26	
EPA 6010	Barium	28.5	ug/L	10.0	06/03/14 17:58	
EPA 6010	Iron	329	ug/L	40.0	06/03/14 17:58	
EPA 6010	Sodium	38.8	mg/L	1.0	06/03/14 17:58	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	139	mg/L	3.2	06/03/14 17:58	
EPA 6020	Copper	1.5	ug/L	1.0	06/01/14 04:46	
EPA 6020	Lead	1.5	ug/L	1.0	06/01/14 04:46	
SM 9222D	Fecal Coliforms	240	CFU/100 mL	2.0	05/30/14 15:57	Z
EPA 1631E	Mercury	12.2	ng/L	2.5	06/10/14 14:43	
EPA 8260	Acetone	45.6	ug/L	20.0	06/03/14 14:48	
EPA 8260	2-Butanone (MEK)	16.7	ug/L	10.0	06/03/14 14:48	
EPA 8260	Toluene	614	ug/L	25.0	06/05/14 11:53	
SM 2540C	Total Dissolved Solids	226	mg/L	5.0	06/03/14 11:06	
SM 2540D	Total Suspended Solids	40.0	mg/L	5.0	06/04/14 12:15	
SM 5210B	BOD, 5 day	30.5	mg/L	2.0	06/04/14 18:02	J(B4),J(L2)
SM10200	Chlorophyll a	20.6	ug/L	5.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	2.5	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.11	mg/L	0.050	06/06/14 15:51	
EPA 351.2	Nitrogen, Kjeldahl, Total	2.5	mg/L	1.0	06/06/14 12:00	
EPA 365.4	Phosphorus, Total (as P)	0.24	mg/L	0.20	06/06/14 12:00	
EPA 410.4	Chemical Oxygen Demand	148	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	40.5	mg/L	1.0	06/05/14 06:05	
35139867003	**SW2**					
	Field pH	7.43	Std. Units		06/02/14 15:35	
	Field Temperature	31.50	deg C		06/02/14 15:35	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:35	
	Field Specific Conductance	438	umhos/cm		06/02/14 15:35	
	Oxygen, Dissolved	6.06	mg/L		06/02/14 15:35	
	REDOX	125.0	mV		06/02/14 15:35	
	Turbidity	1.01	NTU		06/02/14 15:35	
EPA 6010	Barium	27.9	ug/L	10.0	06/03/14 18:02	
EPA 6010	Iron	1880	ug/L	40.0	06/03/14 18:02	
EPA 6010	Sodium	13.2	mg/L	1.0	06/03/14 18:02	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	77.0	mg/L	3.2	06/03/14 18:02	
SM 9222D	Fecal Coliforms	8.0	CFU/100 mL	1.0	05/30/14 15:57	
SM 2540C	Total Dissolved Solids	278	mg/L	5.0	06/03/14 11:06	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867003	**SW2**					
SM10200	Chlorophyll a	4.9	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.70	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.026 I	mg/L	0.050	06/06/14 15:53	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.70	mg/L	0.50	06/06/14 12:01	
EPA 410.4	Chemical Oxygen Demand	33.5	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	13.3	mg/L	1.0	06/05/14 06:56	
35139867004	**SW2 Dup**					
	Field pH	7.43	Std. Units		06/02/14 15:37	
	Field Temperature	31.58	deg C		06/02/14 15:37	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:37	
	Field Specific Conductance	438	umhos/cm		06/02/14 15:37	
	Oxygen, Dissolved	6.06	mg/L		06/02/14 15:37	
	REDOX	125.0	mV		06/02/14 15:37	
	Turbidity	1.01	NTU		06/02/14 15:37	
EPA 6010	Barium	28.7	ug/L	10.0	06/03/14 18:05	
EPA 6010	Iron	339	ug/L	40.0	06/03/14 18:05	
EPA 6010	Sodium	39.0	mg/L	1.0	06/03/14 18:05	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	139	mg/L	3.2	06/03/14 18:05	
SM 9222D	Fecal Coliforms	11.0	CFU/100 mL	1.0	05/30/14 15:57	
SM 2540C	Total Dissolved Solids	288	mg/L	5.0	06/03/14 16:07	
SM10200	Chlorophyll a	5.6	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.73	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.039 I	mg/L	0.050	06/06/14 15:55	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.73	mg/L	0.50	06/06/14 12:02	
EPA 410.4	Chemical Oxygen Demand	16.7 I	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	12.7	mg/L	1.0	06/05/14 07:52	
35139867005	**SW4**					
	Field pH	7.17	Std. Units		06/02/14 15:39	
	Field Temperature	28.69	deg C		06/02/14 15:39	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:39	
	Field Specific Conductance	434	umhos/cm		06/02/14 15:39	
	Oxygen, Dissolved	3.77	mg/L		06/02/14 15:39	
	REDOX	75.5	mV		06/02/14 15:39	
	Turbidity	0.72	NTU		06/02/14 15:39	
EPA 6010	Barium	28.3	ug/L	10.0	06/03/14 18:09	
EPA 6010	Iron	276	ug/L	40.0	06/03/14 18:09	
EPA 6010	Sodium	39.7	mg/L	1.0	06/03/14 18:09	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	135	mg/L	3.2	06/03/14 18:09	
SM 9222D	Fecal Coliforms	38.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.723	ng/L	0.50	06/10/14 15:06	
SM 2540C	Total Dissolved Solids	282	mg/L	5.0	06/03/14 16:08	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867005	**SW4**					
SM 5210B	BOD, 5 day	2.0	mg/L	2.0	06/04/14 18:12	J(B4),J(L2)
SM10200	Chlorophyll a	8.4	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.70	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.040 I	mg/L	0.050	06/06/14 15:57	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.69	mg/L	0.50	06/06/14 12:04	
EPA 410.4	Chemical Oxygen Demand	43.9	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	14.0	mg/L	1.0	06/05/14 08:07	
35139867006	**SW5**					
	Field pH	8.24	Std. Units		06/02/14 15:41	
	Field Temperature	32.36	deg C		06/02/14 15:41	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:41	
	Field Specific Conductance	415	umhos/cm		06/02/14 15:41	
	Oxygen, Dissolved	10.75	mg/L		06/02/14 15:41	
	REDOX	35.6	mV		06/02/14 15:41	
	Turbidity	4.76	NTU		06/02/14 15:41	
EPA 6010	Barium	30.9	ug/L	10.0	06/03/14 18:13	
EPA 6010	Iron	1800	ug/L	40.0	06/03/14 18:13	
EPA 6010	Sodium	31.4	mg/L	1.0	06/03/14 18:13	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	154	mg/L	3.2	06/03/14 18:13	
SM 9222D	Fecal Coliforms	2.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.998	ng/L	0.50	06/10/14 15:14	
EPA 8260	Acetone	14.4 I	ug/L	20.0	06/03/14 16:51	
EPA 8260	Toluene	0.72 I	ug/L	1.0	06/03/14 16:51	
SM 2540C	Total Dissolved Solids	295	mg/L	5.0	06/03/14 16:08	
SM 2540D	Total Suspended Solids	7.5	mg/L	5.0	06/04/14 12:15	
SM 5210B	BOD, 5 day	3.4	mg/L	2.0	06/04/14 18:14	J(B4),J(L2)
SM10200	Chlorophyll a	25.5	ug/L	2.3	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	1.5	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.043 I	mg/L	0.050	06/06/14 15:58	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.5	mg/L	0.50	06/06/14 12:05	
EPA 410.4	Chemical Oxygen Demand	38.1	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	20.8	mg/L	1.0	06/05/14 08:26	
35139867007	**SW11**					
	Field pH	7.48	Std. Units		06/02/14 15:43	
	Field Temperature	29.56	deg C		06/02/14 15:43	
	Appearance	Color: Yellow, Sheen: None			06/02/14 15:43	
	Field Specific Conductance	410	umhos/cm		06/02/14 15:43	
	Oxygen, Dissolved	6.00	mg/L		06/02/14 15:43	
	REDOX	109.1	mV		06/02/14 15:43	
	Turbidity	1.69	NTU		06/02/14 15:43	
EPA 6010	Barium	22.4	ug/L	10.0	06/03/14 18:17	

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867007	**SW11**					
EPA 6010	Iron	112	ug/L	40.0	06/03/14 18:17	
EPA 6010	Sodium	28.5	mg/L	1.0	06/03/14 18:17	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	149	mg/L	3.2	06/03/14 18:17	
EPA 6020	Antimony	0.54 I	ug/L	1.0	06/03/14 07:54	
SM 9222D	Fecal Coliforms	77.0	CFU/100 mL	1.0	05/30/14 15:57	B
EPA 1631E	Mercury	1.31	ng/L	0.50	06/10/14 15:22	
SM 2540C	Total Dissolved Solids	283	mg/L	5.0	06/03/14 16:08	
SM10200	Chlorophyll a	7.9	ug/L	1.1	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.87	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.030 I	mg/L	0.050	06/06/14 16:03	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.87	mg/L	0.50	06/06/14 12:09	
EPA 410.4	Chemical Oxygen Demand	64.4	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	14.9	mg/L	1.0	06/05/14 08:44	
35139867008	**SW12**					
	Field pH	8.06	Std. Units		06/02/14 15:45	
	Field Temperature	38.42	deg C		06/02/14 15:45	
	Appearance	Color: Clear, Sheen: None			06/02/14 15:45	
	Field Specific Conductance	501	umhos/cm		06/02/14 15:45	
	Oxygen, Dissolved	7.20	mg/L		06/02/14 15:45	
	REDOX	158.0	mV		06/02/14 15:45	
	Turbidity	1.76	NTU		06/02/14 15:45	
EPA 6010	Barium	17.6	ug/L	10.0	06/03/14 18:21	
EPA 6010	Iron	29.3 I	ug/L	40.0	06/03/14 18:21	
EPA 6010	Sodium	37.8	mg/L	1.0	06/03/14 18:21	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	171	mg/L	3.2	06/03/14 18:21	
EPA 6020	Antimony	0.93 I	ug/L	1.0	06/03/14 07:56	
EPA 6020	Selenium	0.61 I	ug/L	1.0	06/03/14 07:56	
SM 9222D	Fecal Coliforms	4.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.646	ng/L	0.50	06/10/14 15:29	
EPA 8260	Acetone	10.4 I	ug/L	20.0	06/03/14 17:41	
SM 2540C	Total Dissolved Solids	333	mg/L	5.0	06/03/14 16:08	
SM10200	Chlorophyll a	3.4	ug/L	1.0	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.74	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.028 I	mg/L	0.050	06/06/14 16:05	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.74	mg/L	0.50	06/06/14 12:11	
EPA 410.4	Chemical Oxygen Demand	26.8	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	12.6	mg/L	1.0	06/05/14 08:56	
35139867009	**SW1**					
	Field pH	6.88	Std. Units		06/02/14 15:47	
	Field Temperature	30.65	deg C		06/02/14 15:47	
	Appearance	Color: Clear, Sheen: Clear			06/02/14 15:47	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139867009	**SW1**					
	Field Specific Conductance	114	umhos/cm		06/02/14 15:47	
	Oxygen, Dissolved	639	mg/L		06/02/14 15:47	
	REDOX	169.0	mV		06/02/14 15:47	
	Turbidity	0.33	NTU		06/02/14 15:47	
EPA 6010	Iron	88.6	ug/L	40.0	06/03/14 18:36	
EPA 6010	Sodium	15.2	mg/L	1.0	06/03/14 18:36	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	18.0	mg/L	3.2	06/03/14 18:36	
SM 9222D	Fecal Coliforms	7.0	CFU/100 mL	1.0	05/30/14 15:57	
EPA 1631E	Mercury	0.794	ng/L	0.50	06/10/14 15:37	
SM 2540C	Total Dissolved Solids	93.0	mg/L	5.0	06/03/14 16:10	
SM10200	Chlorophyll a	5.2	ug/L	1.6	06/02/14 15:46	
TKN+NOx Calculation	Total Nitrogen	0.40 I	mg/L	0.50	06/09/14 10:09	
EPA 350.1	Nitrogen, Ammonia	0.027 I	mg/L	0.050	06/06/14 16:07	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.40 I	mg/L	0.50	06/06/14 12:12	
EPA 410.4	Chemical Oxygen Demand	41.5	mg/L	20.0	06/05/14 14:29	
SM 5310B	Total Organic Carbon	4.6	mg/L	1.0	06/05/14 09:08	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: EQ Blank 2 5/29/14 **Lab ID: 35139867001** Collected: 05/29/14 11:57 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	06/02/14 13:00	06/03/14 07:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 07:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:54	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-48-4	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:54	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:54	7440-02-0	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:54	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1.6U**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 17:54		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:54	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:54	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:43	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:43	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:43	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:43	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:43	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**1.0U**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.50U**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 14:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 13:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 13:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 13:59	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-00-3	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: EQ Blank 2 5/29/14 **Lab ID: 35139867001** Collected: 05/29/14 11:57 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 13:59	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 13:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 13:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 13:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 13:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 13:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 13:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 13:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 13:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 13:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		06/03/14 13:59	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		06/03/14 13:59	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		06/03/14 13:59	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		06/03/14 11:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: EQ Blank 2 5/29/14 **Lab ID: 35139867001** Collected: 05/29/14 11:57 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:04	06/04/14 18:01		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**1.0U**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.25U**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 23:02	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:50	7664-41-7	
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.086U**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 11:56	7727-37-9	J(M1)
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:42		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 11:56	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**12.5U**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**0.50U**	mg/L	1.0	0.50	1		06/05/14 05:50	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW3 **Lab ID: 35139867002** Collected: 05/29/14 12:17 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.38**	Std. Units			1		06/02/14 15:26		
Field Temperature	**22.34**	deg C			1		06/02/14 15:26		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:26		
Field Specific Conductance	**202**	umhos/cm			1		06/02/14 15:26		
Oxygen, Dissolved	**0.63**	mg/L			1		06/02/14 15:26	7782-44-7	
REDOX	**14.8**	mV			1		06/02/14 15:26		
Turbidity	**41.5**	NTU			1		06/02/14 15:26		
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	06/02/14 13:00	06/03/14 07:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	06/02/14 13:00	06/03/14 07:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-38-2	
Barium	**28.5**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:58	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-48-4	
Iron	**329**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 17:58	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 17:58	7440-02-0	
Sodium	**38.8**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 17:58	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**139**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 17:58		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 17:58	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 17:58	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:46	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:46	7440-43-9	
Copper	**1.5**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:46	7440-50-8	
Lead	**1.5**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:46	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:46	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**240**	CFU/100 mL	2.0	2.0	2	05/29/14 17:31	05/30/14 15:57		Z
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**12.2**	ng/L	2.5	2.5	1	06/09/14 16:30	06/10/14 14:43	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**45.6**	ug/L	20.0	10.0	1		06/03/14 14:48	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW3 **Lab ID: 35139867002** Collected: 05/29/14 12:17 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 14:48	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 14:48	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-83-9	
2-Butanone (MEK)	**16.7**	ug/L	10.0	5.0	1		06/03/14 14:48	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 14:48	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 14:48	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:48	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:48	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:48	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 14:48	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	127-18-4	
Toluene	**614**	ug/L	25.0	12.5	25		06/05/14 11:53	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 14:48	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 14:48	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/03/14 14:48	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW3 **Lab ID: 35139867002** Collected: 05/29/14 12:17 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	86-125		1		06/03/14 14:48	17060-07-0	
Toluene-d8 (S)	97	%	87-113		1		06/03/14 14:48	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**226**	mg/L	5.0	5.0	1		06/03/14 11:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**40.0**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**30.5**	mg/L	2.0	2.0	1	05/30/14 16:05	06/04/14 18:02		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**20.6**	ug/L	5.0	5.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**2.5**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 23:24	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.11**	mg/L	0.050	0.020	1		06/06/14 15:51	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:51		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**2.5**	mg/L	1.0	0.17	1	06/02/14 10:40	06/06/14 12:00	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:44		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.24**	mg/L	0.20	0.10	1	06/02/14 10:40	06/06/14 12:00	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**148**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**40.5**	mg/L	1.0	0.50	1		06/05/14 06:05	7440-44-0	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.43**	Std. Units			1		06/02/14 15:35		
Field Temperature	**31.50**	deg C			1		06/02/14 15:35		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:35		
Field Specific Conductance	**438**	umhos/cm			1		06/02/14 15:35		
Oxygen, Dissolved	**6.06**	mg/L			1		06/02/14 15:35	7782-44-7	
REDOX	**125.0**	mV			1		06/02/14 15:35		
Turbidity	**1.01**	NTU			1		06/02/14 15:35		
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	06/02/14 13:00	06/03/14 07:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 07:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-38-2	
Barium	**27.9**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:02	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-48-4	
Iron	**1880**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:02	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:02	7440-02-0	
Sodium	**13.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:02	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**77.0**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:02		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:02	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:02	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:49	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:49	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:49	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:49	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:49	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**8.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.50U**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 14:51	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/05/14 12:18	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/05/14 12:18	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/05/14 12:18	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/05/14 12:18	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/05/14 12:18	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/05/14 12:18	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/05/14 12:18	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/05/14 12:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/05/14 12:18	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/05/14 12:18	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/05/14 12:18	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/05/14 12:18	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	1330-20-7	
m&p-Xylene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	179601-23-1	
o-Xylene	**0.50U**	ug/L	1.0	0.50	1		06/05/14 12:18	95-47-6	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-114		1		06/05/14 12:18	460-00-4	
4-Bromofluorobenzene (S)	93	%	70-114		1		06/03/14 15:13	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		06/05/14 12:18	17060-07-0	
1,2-Dichloroethane-d4 (S)	89	%	86-125		1		06/03/14 15:13	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		06/03/14 15:13	2037-26-5	
Toluene-d8 (S)	100	%	87-113		1		06/05/14 12:18	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**278**	mg/L	5.0	5.0	1		06/03/14 11:06		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:10	06/04/14 18:07		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**4.9**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.70**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/30/14 23:45	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.026 I**	mg/L	0.050	0.020	1		06/06/14 15:53	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:53		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.70**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:01	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:45		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:01	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**33.5**	mg/L	20.0	12.5	1		06/05/14 14:29		

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(386)672-5668

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 **Lab ID: 35139867003** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**13.3**	mg/L	1.0	0.50	1		06/05/14 06:56	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 Dup **Lab ID: 35139867004** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.43**	Std. Units			1		06/02/14 15:37		
Field Temperature	**31.58**	deg C			1		06/02/14 15:37		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:37		
Field Specific Conductance	**438**	umhos/cm			1		06/02/14 15:37		
Oxygen, Dissolved	**6.06**	mg/L			1		06/02/14 15:37	7782-44-7	
REDOX	**125.0**	mV			1		06/02/14 15:37		
Turbidity	**1.01**	NTU			1		06/02/14 15:37		
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	06/02/14 13:00	06/03/14 07:49	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	06/02/14 13:00	06/03/14 07:49	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-38-2	
Barium	**28.7**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-48-4	
Iron	**339**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:05	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:05	7440-02-0	
Sodium	**39.0**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:05	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**139**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:05		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:05	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:52	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:52	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:52	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:52	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:52	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**11.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.50U**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 14:59	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 16:02	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 Dup **Lab ID: 35139867004** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 16:02	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 16:02	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 16:02	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 16:02	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:02	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:02	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 16:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:02	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 16:02	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 16:02	96-18-4	J(M1)
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 16:02	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		06/03/14 16:02	460-00-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW2 Dup **Lab ID: 35139867004** Collected: 05/29/14 13:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	86-125		1		06/03/14 16:02	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		06/03/14 16:02	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**288**	mg/L	5.0	5.0	1		06/03/14 16:07		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:14	06/04/14 18:09		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**5.6**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.73**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 00:07	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.039 I**	mg/L	0.050	0.020	1		06/06/14 15:55	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:55		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.73**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:02	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:46		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:02	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**16.7 I**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**12.7**	mg/L	1.0	0.50	1		06/05/14 07:52	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW4 **Lab ID: 35139867005** Collected: 05/29/14 13:30 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.17**	Std. Units			1		06/02/14 15:39		
Field Temperature	**28.69**	deg C			1		06/02/14 15:39		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:39		
Field Specific Conductance	**434**	umhos/cm			1		06/02/14 15:39		
Oxygen, Dissolved	**3.77**	mg/L			1		06/02/14 15:39	7782-44-7	
REDOX	**75.5**	mV			1		06/02/14 15:39		
Turbidity	**0.72**	NTU			1		06/02/14 15:39		
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	06/02/14 13:00	06/03/14 08:04	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	06/02/14 13:00	06/03/14 08:04	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-38-2	
Barium	**28.3**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:09	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-48-4	
Iron	**276**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:09	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:09	7440-02-0	
Sodium	**39.7**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:09	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**135**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:09		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:09	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:09	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:55	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:55	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/01/14 04:55	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 04:55	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**38.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.723**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 16:27	67-64-1	

REPORT OF LABORATORY ANALYSIS

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Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW4 **Lab ID: 35139867005** Collected: 05/29/14 13:30 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 16:27	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 16:27	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 16:27	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 16:27	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:27	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:27	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 16:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:27	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 16:27	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 16:27	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 16:27	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		06/03/14 16:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW4 **Lab ID: 35139867005** Collected: 05/29/14 13:30 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 16:27	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		06/03/14 16:27	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**282**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0**	mg/L	2.0	2.0	1	05/30/14 16:17	06/04/14 18:12		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**8.4**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.70**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 00:28	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.040 I**	mg/L	0.050	0.020	1		06/06/14 15:57	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:57		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.69**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:04	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:48		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:04	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**43.9**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**14.0**	mg/L	1.0	0.50	1		06/05/14 08:07	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW5 **Lab ID: 35139867006** Collected: 05/29/14 14:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**8.24**	Std. Units			1		06/02/14 15:41		
Field Temperature	**32.36**	deg C			1		06/02/14 15:41		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:41		
Field Specific Conductance	**415**	umhos/cm			1		06/02/14 15:41		
Oxygen, Dissolved	**10.75**	mg/L			1		06/02/14 15:41	7782-44-7	
REDOX	**35.6**	mV			1		06/02/14 15:41		
Turbidity	**4.76**	NTU			1		06/02/14 15:41		
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	06/02/14 13:00	06/03/14 08:19	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	06/02/14 13:00	06/03/14 08:19	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-38-2	
Barium	**30.9**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:13	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-48-4	
Iron	**1800**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:13	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:13	7440-02-0	
Sodium	**31.4**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**154**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:13		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:13	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:13	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:11	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:52	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:52	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:52	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:52	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**2.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.998**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:14	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**14.4 I**	ug/L	20.0	10.0	1		06/03/14 16:51	67-64-1	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW5 **Lab ID: 35139867006** Collected: 05/29/14 14:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 16:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 16:51	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 16:51	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 16:51	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 16:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 16:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 16:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 16:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	127-18-4	
Toluene	**0.72 I**	ug/L	1.0	0.50	1		06/03/14 16:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 16:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 16:51	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 16:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		06/03/14 16:51	460-00-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW5 **Lab ID: 35139867006** Collected: 05/29/14 14:00 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	86-125		1		06/03/14 16:51	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/03/14 16:51	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**295**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**7.5**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**3.4**	mg/L	2.0	2.0	1	05/30/14 16:20	06/04/14 18:14		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**25.5**	ug/L	2.3	2.3	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**1.5**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 03:19	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.043 I**	mg/L	0.050	0.020	1		06/06/14 15:58	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 15:58		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**1.5**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:05	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:49		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:05	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**38.1**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**20.8**	mg/L	1.0	0.50	1		06/05/14 08:26	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW11 **Lab ID: 35139867007** Collected: 05/29/14 14:40 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.48**	Std. Units			1		06/02/14 15:43		
Field Temperature	**29.56**	deg C			1		06/02/14 15:43		
Appearance	**Color: Yellow, Sheen: None**				1		06/02/14 15:43		
Field Specific Conductance	**410**	umhos/cm			1		06/02/14 15:43		
Oxygen, Dissolved	**6.00**	mg/L			1		06/02/14 15:43	7782-44-7	
REDOX	**109.1**	mV			1		06/02/14 15:43		
Turbidity	**1.69**	NTU			1		06/02/14 15:43		
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	06/02/14 13:00	06/03/14 08:50	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 08:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-38-2	
Barium	**22.4**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-48-4	
Iron	**112**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:17	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:17	7440-02-0	
Sodium	**28.5**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:17	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**149**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:17		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:17	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.54 I**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:14	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:54	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:54	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:54	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:54	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**77.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		B
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**1.31**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:22	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 17:16	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW11 **Lab ID: 35139867007** Collected: 05/29/14 14:40 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 17:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 17:16	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 17:16	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 17:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 17:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 17:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 17:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		06/03/14 17:16	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW11 **Lab ID: 35139867007** Collected: 05/29/14 14:40 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 17:16	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/03/14 17:16	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**283**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:22	06/04/14 18:17		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**7.9**	ug/L	1.1	1.1	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.87**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 03:41	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.030 I**	mg/L	0.050	0.020	1		06/06/14 16:03	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 16:03		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.87**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:09	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:55		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:09	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**64.4**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**14.9**	mg/L	1.0	0.50	1		06/05/14 08:44	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW12 **Lab ID: 35139867008** Collected: 05/29/14 15:05 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**8.06**	Std. Units			1		06/02/14 15:45		
Field Temperature	**38.42**	deg C			1		06/02/14 15:45		
Appearance	**Color: Clear, Sheen: None**				1		06/02/14 15:45		
Field Specific Conductance	**501**	umhos/cm			1		06/02/14 15:45		
Oxygen, Dissolved	**7.20**	mg/L			1		06/02/14 15:45	7782-44-7	
REDOX	**158.0**	mV			1		06/02/14 15:45		
Turbidity	**1.76**	NTU			1		06/02/14 15:45		
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	06/02/14 13:00	06/03/14 09:05	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	06/02/14 13:00	06/03/14 09:05	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-38-2	
Barium	**17.6**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:21	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-48-4	
Iron	**29.3 I**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:21	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:21	7440-02-0	
Sodium	**37.8**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:21	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**171**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:21		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:21	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:21	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.93 I**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:17	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:56	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:56	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7439-92-1	
Selenium	**0.61 I**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:56	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:56	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**4.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.646**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.4 I**	ug/L	20.0	10.0	1		06/03/14 17:41	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW12 **Lab ID: 35139867008** Collected: 05/29/14 15:05 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 17:41	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 17:41	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 17:41	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 17:41	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:41	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 17:41	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 17:41	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 17:41	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 17:41	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 17:41	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 17:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		06/03/14 17:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW12 **Lab ID: 35139867008** Collected: 05/29/14 15:05 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	86-125		1		06/03/14 17:41	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		06/03/14 17:41	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**333**	mg/L	5.0	5.0	1		06/03/14 16:08		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:25	06/04/14 18:19		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**3.4**	ug/L	1.0	1.0	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.74**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 04:02	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.028 I**	mg/L	0.050	0.020	1		06/06/14 16:05	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 16:05		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.74**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:11	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:56		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:11	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**26.8**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**12.6**	mg/L	1.0	0.50	1		06/05/14 08:56	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW1 **Lab ID: 35139867009** Collected: 05/29/14 15:35 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.88**	Std. Units			1		06/02/14 15:47		
Field Temperature	**30.65**	deg C			1		06/02/14 15:47		
Appearance	**Color: Clear, Sheen: Clear**				1		06/02/14 15:47		
Field Specific Conductance	**114**	umhos/cm			1		06/02/14 15:47		
Oxygen, Dissolved	**639**	mg/L			1		06/02/14 15:47	7782-44-7	
REDOX	**169.0**	mV			1		06/02/14 15:47		
Turbidity	**0.33**	NTU			1		06/02/14 15:47		
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	06/02/14 13:00	06/03/14 09:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	06/02/14 13:00	06/03/14 09:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:36	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-48-4	
Iron	**88.6**	ug/L	40.0	20.0	1	05/31/14 12:55	06/03/14 18:36	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/31/14 12:55	06/03/14 18:36	7440-02-0	
Sodium	**15.2**	mg/L	1.0	0.50	1	05/31/14 12:55	06/03/14 18:36	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**18.0**	mg/L	3.2	1.6	1	05/31/14 12:55	06/03/14 18:36		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/31/14 12:55	06/03/14 18:36	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/31/14 12:55	06/03/14 18:36	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/01/14 05:20	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:59	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	05/31/14 12:55	06/03/14 07:59	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	05/31/14 12:55	06/03/14 07:59	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/03/14 07:59	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**7.0**	CFU/100 mL	1.0	1.0	1	05/29/14 17:31	05/30/14 15:57		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.794**	ng/L	0.50	0.50	1	06/09/14 16:30	06/10/14 15:37	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		06/03/14 18:06	67-64-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW1 **Lab ID: 35139867009** Collected: 05/29/14 15:35 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 18:06	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 18:06	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 18:06	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 18:06	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 18:06	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 18:06	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 18:06	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 18:06	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 18:06	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 18:06	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 18:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		06/03/14 18:06	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: SW1 **Lab ID: 35139867009** Collected: 05/29/14 15:35 Received: 05/29/14 16:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 18:06	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		06/03/14 18:06	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**93.0**	mg/L	5.0	5.0	1		06/03/14 16:10		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		06/04/14 12:15		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	05/30/14 16:28	06/04/14 18:27		J(B4), J(L2)
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**5.2**	ug/L	1.6	1.6	1	05/30/14 10:24	06/02/14 15:46		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.40 I**	mg/L	0.50	0.25	1		06/09/14 10:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/31/14 04:23	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.027 I**	mg/L	0.050	0.020	1		06/06/14 16:07	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		06/06/14 16:07		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.40 I**	mg/L	0.50	0.086	1	06/02/14 10:40	06/06/14 12:12	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		06/05/14 14:58		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.050U**	mg/L	0.10	0.050	1	06/02/14 10:40	06/06/14 12:12	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**41.5**	mg/L	20.0	12.5	1		06/05/14 14:29		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**4.6**	mg/L	1.0	0.50	1		06/05/14 09:08	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: Trip Blank 2 5/29/14 **Lab ID: 35139867010** Collected: 05/29/14 00:00 Received: 05/29/14 16:40 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		06/03/14 14:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		06/03/14 14:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		06/03/14 14:23	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		06/03/14 14:23	74-87-3	J(L2)
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		06/03/14 14:23	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		06/03/14 14:23	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		06/03/14 14:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		06/03/14 14:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		06/03/14 14:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		06/03/14 14:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		06/03/14 14:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		06/03/14 14:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		06/03/14 14:23	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Sample: Trip Blank 2 5/29/14 **Lab ID: 35139867010** Collected: 05/29/14 00:00 Received: 05/29/14 16:40 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		06/03/14 14:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		06/03/14 14:23	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		06/03/14 14:23	17060-07-0	
Toluene-d8 (S)	97	%	87-113		1		06/03/14 14:23	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MBIO/14081 | Analysis Method: SM 9222D
QC Batch Method: SM 9222D | Analysis Description: 9222D MBIO Fecal Coliform
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916875 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0	05/30/14 15:57	

SAMPLE DUPLICATE: 916876

Parameter	Units	35139748001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	ND	2.0U		20	B

SAMPLE DUPLICATE: 916877

Parameter	Units	35139869001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MERP/6726 Analysis Method: EPA 1631E
QC Batch Method: EPA 1631E Analysis Description: 1631E Mercury,Low Level
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 1217397 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	0.50U	0.50	06/10/14 12:09	

METHOD BLANK: 1217398 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	0.50U	0.50	06/10/14 14:05	

METHOD BLANK: 1217399 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ng/L	0.50U	0.50	06/10/14 15:45	

LABORATORY CONTROL SAMPLE: 1217400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ng/L	5	4.40	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1217401 1217402

Parameter	Units	92202983002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	0.563	25	25	21.7	21.2	85	83	71-125	2	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1217403 1217404

Parameter	Units	92204223004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ng/L	3.79	25	25	23.7	25.2	80	86	71-125	6	24	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MPRP/18775 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916681 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	06/03/14 16:31	
Barium	ug/L	5.0U	10.0	06/03/14 16:31	
Chromium	ug/L	2.5U	5.0	06/03/14 16:31	
Cobalt	ug/L	5.0U	10.0	06/03/14 16:31	
Iron	ug/L	20.0U	40.0	06/03/14 16:31	
Nickel	ug/L	2.5U	5.0	06/03/14 16:31	
Sodium	mg/L	0.50U	1.0	06/03/14 16:31	
Tot Hardness asCaCO3 (SM 2340B	mg/L	1.6U	3.2	06/03/14 16:31	
Vanadium	ug/L	5.0U	10.0	06/03/14 16:31	
Zinc	ug/L	10.0U	20.0	06/03/14 16:31	

LABORATORY CONTROL SAMPLE: 916682

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	255	102	80-120	
Barium	ug/L	250	266	107	80-120	
Chromium	ug/L	250	264	106	80-120	
Cobalt	ug/L	250	266	106	80-120	
Iron	ug/L	2500	2690	108	80-120	
Nickel	ug/L	250	270	108	80-120	
Sodium	mg/L	12.5	13.2	106	80-120	
Tot Hardness asCaCO3 (SM 2340B	mg/L	82.7	85.7	104	80-120	
Vanadium	ug/L	250	259	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.0U	250	250	260	263	104	105	75-125	.9	20	
Barium	ug/L	23.1	250	250	292	295	107	109	75-125	1	20	
Chromium	ug/L	2.5U	250	250	266	268	106	107	75-125	.8	20	
Cobalt	ug/L	5.0U	250	250	265	266	106	106	75-125	.04	20	
Iron	ug/L	1220	2500	2500	3920	3960	108	110	75-125	.9	20	
Nickel	ug/L	2.5U	250	250	269	269	108	108	75-125	.1	20	
Sodium	mg/L	49.2	12.5	12.5	62.5	62.2	106	104	75-125	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916683 916684

Parameter	Units	35139698003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Tot Hardness asCaCO3 (SM 2340B	mg/L	286000 ug/L	82.7	82.7	374	374	106	107	75-125	.09	20	
Vanadium	ug/L	5.0U	250	250	266	268	106	107	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	105	75-125	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MPRP/18776 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916685 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	06/01/14 03:48	
Beryllium	ug/L	0.050U	0.10	06/01/14 03:48	
Cadmium	ug/L	0.050U	0.10	06/01/14 03:48	
Copper	ug/L	0.93U	1.0	06/01/14 03:48	
Lead	ug/L	0.50U	1.0	06/01/14 03:48	
Selenium	ug/L	0.50U	1.0	06/01/14 03:48	
Silver	ug/L	0.050U	0.10	06/01/14 03:48	
Thallium	ug/L	0.50U	1.0	06/01/14 03:48	

LABORATORY CONTROL SAMPLE: 916686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.5	97	80-120	
Beryllium	ug/L	5	5.0	99	80-120	
Cadmium	ug/L	5	4.8	96	80-120	
Copper	ug/L	50	50.5	101	80-120	
Lead	ug/L	50	46.0	92	80-120	
Selenium	ug/L	50	50.6	101	80-120	
Silver	ug/L	5	5.0	100	80-120	
Thallium	ug/L	50	47.2	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916687 916688

Parameter	Units	35139698004 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	48.2	48.8	96	97	75-125	1	20	
Beryllium	ug/L	0.050U	5	5	5.3	5.7	107	114	75-125	7	20	
Cadmium	ug/L	0.050U	5	5	4.6	4.9	92	98	75-125	5	20	
Copper	ug/L	0.93U	50	50	47.0	47.7	94	95	75-125	1	20	
Lead	ug/L	0.50U	50	50	47.4	47.2	95	94	75-125	.2	20	
Selenium	ug/L	0.50U	50	50	48.8	49.0	98	98	75-125	.3	20	
Silver	ug/L	0.050U	5	5	4.7	4.8	94	96	75-125	2	20	
Thallium	ug/L	0.50U	50	50	51.1	50.7	102	101	75-125	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MSV/11856 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009, 35139867010

METHOD BLANK: 918221 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009, 35139867010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/03/14 09:49	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/03/14 09:49	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	06/03/14 09:49	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	06/03/14 09:49	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/03/14 09:49	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/03/14 09:49	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/03/14 09:49	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/03/14 09:49	
2-Hexanone	ug/L	5.0U	10.0	06/03/14 09:49	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/03/14 09:49	
Acetone	ug/L	10.0U	20.0	06/03/14 09:49	
Acrylonitrile	ug/L	5.0U	10.0	06/03/14 09:49	
Benzene	ug/L	0.10U	1.0	06/03/14 09:49	
Bromochloromethane	ug/L	0.50U	1.0	06/03/14 09:49	
Bromodichloromethane	ug/L	0.27U	0.60	06/03/14 09:49	
Bromoform	ug/L	0.50U	1.0	06/03/14 09:49	
Bromomethane	ug/L	0.50U	1.0	06/03/14 09:49	
Carbon disulfide	ug/L	5.0U	10.0	06/03/14 09:49	
Carbon tetrachloride	ug/L	0.50U	1.0	06/03/14 09:49	
Chlorobenzene	ug/L	0.50U	1.0	06/03/14 09:49	
Chloroethane	ug/L	0.50U	1.0	06/03/14 09:49	
Chloroform	ug/L	0.50U	1.0	06/03/14 09:49	
Chloromethane	ug/L	0.62U	1.0	06/03/14 09:49	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/03/14 09:49	
Dibromochloromethane	ug/L	0.26U	0.50	06/03/14 09:49	
Dibromomethane	ug/L	0.50U	1.0	06/03/14 09:49	
Ethylbenzene	ug/L	0.50U	1.0	06/03/14 09:49	
Iodomethane	ug/L	0.50U	1.0	06/03/14 09:49	
Methylene Chloride	ug/L	2.5U	5.0	06/03/14 09:49	
Styrene	ug/L	0.50U	1.0	06/03/14 09:49	
Tetrachloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
Toluene	ug/L	0.50U	1.0	06/03/14 09:49	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

METHOD BLANK: 918221 Matrix: Water

Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009, 35139867010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/03/14 09:49	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/03/14 09:49	
Trichloroethene	ug/L	0.50U	1.0	06/03/14 09:49	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/03/14 09:49	
Vinyl acetate	ug/L	1.0U	2.0	06/03/14 09:49	
Vinyl chloride	ug/L	0.50U	1.0	06/03/14 09:49	
Xylene (Total)	ug/L	0.68 I	1.0	06/03/14 09:49	
1,2-Dichloroethane-d4 (S)	%	91	86-125	06/03/14 09:49	
4-Bromofluorobenzene (S)	%	90	70-114	06/03/14 09:49	
Toluene-d8 (S)	%	97	87-113	06/03/14 09:49	

LABORATORY CONTROL SAMPLE: 918222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.0	100	70-130	
1,1,1-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	103	70-130	
1,1,2-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1-Dichloroethane	ug/L	20	17.8	89	70-130	
1,1-Dichloroethene	ug/L	20	18.0	90	70-130	
1,2,3-Trichloropropane	ug/L	20	20.4	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.7	88	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.2	101	70-130	
1,2-Dichlorobenzene	ug/L	20	21.1	105	70-130	
1,2-Dichloroethane	ug/L	20	18.1	91	70-130	
1,2-Dichloropropane	ug/L	20	18.3	91	70-130	
1,4-Dichlorobenzene	ug/L	20	21.0	105	70-130	
2-Butanone (MEK)	ug/L	40	32.0	80	55-167	
2-Hexanone	ug/L	40	34.4	86	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	30.9	77	70-130	
Acetone	ug/L	40	33.8	84	40-150	
Acrylonitrile	ug/L	200	173	87	70-130	
Benzene	ug/L	20	18.8	94	70-130	
Bromochloromethane	ug/L	20	21.8	109	70-130	
Bromodichloromethane	ug/L	20	19.5	98	70-130	
Bromoform	ug/L	20	18.0	90	68-130	
Bromomethane	ug/L	20	17.2	86	38-179	
Carbon disulfide	ug/L	20	22.7	113	51-155	
Carbon tetrachloride	ug/L	20	20.3	102	70-130	
Chlorobenzene	ug/L	20	20.7	103	70-130	
Chloroethane	ug/L	20	17.9	90	59-149	
Chloroform	ug/L	20	19.5	98	70-130	
Chloromethane	ug/L	20	13.3	66	68-130	J(L0)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

LABORATORY CONTROL SAMPLE: 918222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	18.0	90	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Dibromochloromethane	ug/L	20	20.3	101	70-130	
Dibromomethane	ug/L	20	18.3	92	70-130	
Ethylbenzene	ug/L	20	20.3	101	70-130	
Iodomethane	ug/L	40	42.7	107	43-160	
Methylene Chloride	ug/L	20	16.5	83	70-130	
Styrene	ug/L	20	19.3	96	70-130	
Tetrachloroethene	ug/L	20	17.6	88	66-133	
Toluene	ug/L	20	20.7	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.3	106	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.7	89	65-130	
Trichloroethene	ug/L	20	19.8	99	70-130	
Trichlorofluoromethane	ug/L	20	19.6	98	70-131	
Vinyl acetate	ug/L	20	20.0	100	69-135	
Vinyl chloride	ug/L	20	17.2	86	69-140	
Xylene (Total)	ug/L	60	62.4	104	70-130	
1,2-Dichloroethane-d4 (S)	%			96	86-125	
4-Bromofluorobenzene (S)	%			91	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 920440

Parameter	Units	35139867004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.3	102	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	20.3	101	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20.6	103	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.5	102	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	17.6	88	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	18.8	94	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	26.9	134	31-132	J(M1)
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20.3	102	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.9	100	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.3	102	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	17.3	87	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.2	91	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	20.2	101	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	30.6	77	48-138	
2-Hexanone	ug/L	5.0U	40	35.9	90	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	34.3	86	28-143	
Acetone	ug/L	10.0U	40	39.1	81	20-140	
Acrylonitrile	ug/L	5.0U	200	153	77	46-130	
Benzene	ug/L	0.10U	20	19.3	97	53-132	
Bromochloromethane	ug/L	0.50U	20	20.1	100	54-132	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

MATRIX SPIKE SAMPLE: 920440

Parameter	Units	35139867004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	19.4	97	46-130	
Bromoform	ug/L	0.50U	20	18.8	94	32-130	
Bromomethane	ug/L	0.50U	20	12.0	60	20-152	
Carbon disulfide	ug/L	5.0U	20	23.7	117	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.4	102	37-137	
Chlorobenzene	ug/L	0.50U	20	21.2	106	46-130	
Chloroethane	ug/L	0.50U	20	18.3	92	48-159	
Chloroform	ug/L	0.50U	20	19.8	97	51-130	
Chloromethane	ug/L	0.62U	20	9.4	47	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	17.8	89	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20.0	100	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.6	103	43-130	
Dibromomethane	ug/L	0.50U	20	18.4	92	50-130	
Ethylbenzene	ug/L	0.50U	20	20.6	103	43-130	
Iodomethane	ug/L	0.50U	40	34.0	85	20-169	
Methylene Chloride	ug/L	2.5U	20	16.3	82	51-135	
Styrene	ug/L	0.50U	20	20.1	100	40-130	
Tetrachloroethene	ug/L	0.50U	20	17.8	89	26-130	
Toluene	ug/L	0.50U	20	20.7	102	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.3	96	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20.6	103	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	19.0	95	20-139	
Trichloroethene	ug/L	0.50U	20	20.0	100	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	24.0	120	46-146	
Vinyl acetate	ug/L	1.0U	20	18.5	93	20-165	
Vinyl chloride	ug/L	0.50U	20	18.2	91	57-142	
Xylene (Total)	ug/L	0.50U	60	63.0	105	42-130	
1,2-Dichloroethane-d4 (S)	%				87	86-125	
4-Bromofluorobenzene (S)	%				95	70-114	
Toluene-d8 (S)	%				101	87-113	

SAMPLE DUPLICATE: 920439

Parameter	Units	35139867003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

SAMPLE DUPLICATE: 920439

Parameter	Units	35139867003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	5.0U	5.0U		40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U			
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			
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane-d4 (S)	%	89	92	3		
4-Bromofluorobenzene (S)	%	93	93	.3		
Toluene-d8 (S)	%	101	101	.01		

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: MSV/11880
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 35139867003

METHOD BLANK: 920456
Matrix: Water
Associated Lab Samples: 35139867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	06/05/14 09:23	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1-Dichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,1-Dichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	06/05/14 09:23	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	06/05/14 09:23	
1,2-Dichloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
1,2-Dichloropropane	ug/L	0.50U	1.0	06/05/14 09:23	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	06/05/14 09:23	
2-Butanone (MEK)	ug/L	5.0U	10.0	06/05/14 09:23	
2-Hexanone	ug/L	5.0U	10.0	06/05/14 09:23	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	06/05/14 09:23	
Acetone	ug/L	10.0U	20.0	06/05/14 09:23	
Acrylonitrile	ug/L	5.0U	10.0	06/05/14 09:23	
Benzene	ug/L	0.10U	1.0	06/05/14 09:23	
Bromochloromethane	ug/L	0.50U	1.0	06/05/14 09:23	
Bromodichloromethane	ug/L	0.27U	0.60	06/05/14 09:23	
Bromoform	ug/L	0.50U	1.0	06/05/14 09:23	
Bromomethane	ug/L	0.50U	1.0	06/05/14 09:23	
Carbon disulfide	ug/L	5.0U	10.0	06/05/14 09:23	
Carbon tetrachloride	ug/L	0.50U	1.0	06/05/14 09:23	
Chlorobenzene	ug/L	0.50U	1.0	06/05/14 09:23	
Chloroethane	ug/L	0.50U	1.0	06/05/14 09:23	
Chloroform	ug/L	0.50U	1.0	06/05/14 09:23	
Chloromethane	ug/L	0.62U	1.0	06/05/14 09:23	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	06/05/14 09:23	
Dibromochloromethane	ug/L	0.26U	0.50	06/05/14 09:23	
Dibromomethane	ug/L	0.50U	1.0	06/05/14 09:23	
Ethylbenzene	ug/L	0.50U	1.0	06/05/14 09:23	
Iodomethane	ug/L	0.50U	1.0	06/05/14 09:23	
m&p-Xylene	ug/L	0.50U	1.0	06/05/14 09:23	
Methylene Chloride	ug/L	2.5U	5.0	06/05/14 09:23	
o-Xylene	ug/L	0.50U	1.0	06/05/14 09:23	
Styrene	ug/L	0.50U	1.0	06/05/14 09:23	
Tetrachloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
Toluene	ug/L	0.50U	1.0	06/05/14 09:23	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	06/05/14 09:23	

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

METHOD BLANK: 920456 Matrix: Water
Associated Lab Samples: 35139867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	06/05/14 09:23	
Trichloroethene	ug/L	0.50U	1.0	06/05/14 09:23	
Trichlorofluoromethane	ug/L	0.50U	1.0	06/05/14 09:23	
Vinyl acetate	ug/L	1.0U	2.0	06/05/14 09:23	
Vinyl chloride	ug/L	0.50U	1.0	06/05/14 09:23	
Xylene (Total)	ug/L	0.50U	1.0	06/05/14 09:23	
1,2-Dichloroethane-d4 (S)	%	103	86-125	06/05/14 09:23	
4-Bromofluorobenzene (S)	%	91	70-114	06/05/14 09:23	
Toluene-d8 (S)	%	99	87-113	06/05/14 09:23	

LABORATORY CONTROL SAMPLE: 920457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.2	111	70-130	
1,1,1-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.5	112	70-130	
1,1,2-Trichloroethane	ug/L	20	22.4	112	70-130	
1,1-Dichloroethane	ug/L	20	19.0	95	70-130	
1,1-Dichloroethene	ug/L	20	17.5	87	70-130	
1,2,3-Trichloropropane	ug/L	20	20.8	104	70-130	
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	19.1	95	70-130	
1,2-Dichloropropane	ug/L	20	20.5	103	70-130	
1,4-Dichlorobenzene	ug/L	20	20.5	103	70-130	
2-Butanone (MEK)	ug/L	40	47.6	119	55-167	
2-Hexanone	ug/L	40	43.9	110	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.5	101	70-130	
Acetone	ug/L	40	52.8	132	40-150	
Acrylonitrile	ug/L	200	202	101	70-130	
Benzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	22.2	111	70-130	
Bromodichloromethane	ug/L	20	20.5	103	70-130	
Bromoform	ug/L	20	18.8	94	68-130	
Bromomethane	ug/L	20	19.3	96	38-179	
Carbon disulfide	ug/L	20	21.3	106	51-155	
Carbon tetrachloride	ug/L	20	19.7	98	70-130	
Chlorobenzene	ug/L	20	21.5	108	70-130	
Chloroethane	ug/L	20	20.0	100	59-149	
Chloroform	ug/L	20	20.8	104	70-130	
Chloromethane	ug/L	20	15.8	79	68-130	
cis-1,2-Dichloroethene	ug/L	20	18.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.4	102	70-130	
Dibromochloromethane	ug/L	20	20.9	104	70-130	
Dibromomethane	ug/L	20	20.6	103	70-130	

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8 East Tower Circle
Ormond Beach, FL 32174
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

LABORATORY CONTROL SAMPLE: 920457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	21.3	106	70-130	
Iodomethane	ug/L	40	38.4	96	43-160	
m&p-Xylene	ug/L	40	42.7	107	70-130	
Methylene Chloride	ug/L	20	17.6	88	70-130	
o-Xylene	ug/L	20	21.3	107	70-130	
Styrene	ug/L	20	21.6	108	70-130	
Tetrachloroethene	ug/L	20	18.3	92	66-133	
Toluene	ug/L	20	21.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.8	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.5	108	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.4	87	65-130	
Trichloroethene	ug/L	20	20.9	104	70-130	
Trichlorofluoromethane	ug/L	20	19.5	97	70-131	
Vinyl acetate	ug/L	20	22.0	110	69-135	
Vinyl chloride	ug/L	20	17.5	88	69-140	
Xylene (Total)	ug/L	60	64.0	107	70-130	
1,2-Dichloroethane-d4 (S)	%			87	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 920615

Parameter	Units	35140554003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	22.5	112	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.6	108	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	21.9	110	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	22.0	110	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.0	100	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	19.1	95	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	22.7	113	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	21.5	108	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.8	94	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	21.5	107	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	21.1	103	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	44.7	112	48-138	
2-Hexanone	ug/L	5.0U	40	44.0	110	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	42.2	105	28-143	
Acetone	ug/L	12.5 I	40	56.8	111	20-140	
Acrylonitrile	ug/L	5.0U	200	189	95	46-130	
Benzene	ug/L	0.46 I	20	20.9	102	53-132	
Bromochloromethane	ug/L	0.50U	20	21.5	108	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.2	101	46-130	
Bromoform	ug/L	0.50U	20	18.6	93	32-130	
Bromomethane	ug/L	0.50U	20	16.4	82	20-152	
Carbon disulfide	ug/L	6.7 I	20	30.9	121	28-184	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

MATRIX SPIKE SAMPLE: 920615

Parameter	Units	35140554003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	0.50U	20	21.1	106	37-137	
Chlorobenzene	ug/L	0.50U	20	22.3	112	46-130	
Chloroethane	ug/L	0.50U	20	26.3	132	48-159	
Chloroform	ug/L	0.50U	20	21.3	106	51-130	
Chloromethane	ug/L	0.62U	20	20.0	100	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20.1	100	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.1	95	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.5	103	43-130	
Dibromomethane	ug/L	0.50U	20	22.0	110	50-130	
Ethylbenzene	ug/L	0.61 I	20	23.3	113	43-130	
Iodomethane	ug/L	0.50U	40	47.7	119	20-169	
m&p-Xylene	ug/L	0.96 I	40	46.2	113	40-130	
Methylene Chloride	ug/L	2.5U	20	16.5	82	51-135	
o-Xylene	ug/L	0.50U	20	23.5	115	45-130	
Styrene	ug/L	418	20	468	248	40-130	J(P6)
Tetrachloroethene	ug/L	0.50U	20	19.8	99	26-130	
Toluene	ug/L	0.50U	20	22.3	111	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.5	98	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.8	99	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.9	69	20-139	
Trichloroethene	ug/L	0.50U	20	22.9	115	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	27.1	136	46-146	
Vinyl acetate	ug/L	1.0U	20	19.0	95	20-165	
Vinyl chloride	ug/L	0.50U	20	24.4	122	57-142	
Xylene (Total)	ug/L	1.4	60	69.7	114	42-130	
1,2-Dichloroethane-d4 (S)	%				88	86-125	
4-Bromofluorobenzene (S)	%				110	70-114	
Toluene-d8 (S)	%				100	87-113	

SAMPLE DUPLICATE: 920614

Parameter	Units	35140554002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	0.50U		40	
1,1,1-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.12U		40	
1,1,2-Trichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethane	ug/L	0.50U	0.50U		40	
1,1-Dichloroethene	ug/L	0.50U	0.50U		40	
1,2,3-Trichloropropane	ug/L	0.59U	0.59U		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	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

SAMPLE DUPLICATE: 920614

Parameter	Units	35140554002 Result	Dup Result	RPD	Max RPD	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	14.9 I	14.9 I		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.65 I	0.69 I		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
Bromodichloromethane	ug/L	0.27U	0.27U		40	
Bromoform	ug/L	0.50U	0.50U		40	
Bromomethane	ug/L	0.50U	0.50U		40	
Carbon disulfide	ug/L	11.2	11.3	.7	40	
Carbon tetrachloride	ug/L	0.50U	0.50U		40	
Chlorobenzene	ug/L	0.50U	0.50U		40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.64 I	0.65 I		40	
Iodomethane	ug/L	0.50U	0.50U		40	
m&p-Xylene	ug/L	1.1	1.1	2	40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
o-Xylene	ug/L	0.56 I	0.60 I		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	1.7	1.7	1	40	
1,2-Dichloroethane-d4 (S)	%	101	101	.08		
4-Bromofluorobenzene (S)	%	105	103	2		
Toluene-d8 (S)	%	100	100	.03		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: OEXT/17537 | Analysis Method: EPA 8011
QC Batch Method: EPA 8011 | Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 917113 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	06/03/14 03:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	06/03/14 03:15	

LABORATORY CONTROL SAMPLE: 917114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	113	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.31	123	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 917115 917116

Parameter	Units	35139698004 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	0.0050 U	.44	.44	0.47	0.48	107	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.51	0.53	117	121	60-140	3	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25268 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139867001, 35139867002, 35139867003

METHOD BLANK: 918059 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 11:00	

LABORATORY CONTROL SAMPLE: 918060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	315	105	90-110	

SAMPLE DUPLICATE: 918061

Parameter	Units	35139920001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	808	804	.5	20	

SAMPLE DUPLICATE: 918062

Parameter	Units	35140079004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3690	3620	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25269 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 918063 Matrix: Water
Associated Lab Samples: 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	06/03/14 16:07	

LABORATORY CONTROL SAMPLE: 918064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 918065

Parameter	Units	35139867004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	288	301	4	20	

SAMPLE DUPLICATE: 918066

Parameter	Units	35140218060 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	476	466	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25293 | Analysis Method: SM 2540D
QC Batch Method: SM 2540D | Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 919219 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	5.0U	5.0	06/04/14 12:15	

LABORATORY CONTROL SAMPLE: 919220

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	99.0	99	90-110	

SAMPLE DUPLICATE: 919221

Parameter	Units	35139748001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	ND	5.0U		20	

SAMPLE DUPLICATE: 919222

Parameter	Units	35139862001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	104	96.0	8	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25222 | Analysis Method: SM 5210B
QC Batch Method: SM 5210B | Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 915685 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	2.0U	2.0	06/04/14 17:58	J(B4)

LABORATORY CONTROL SAMPLE: 915686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	166	84	85-115	J(B4),J(L0)

SAMPLE DUPLICATE: 915687

Parameter	Units	35139867002 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	30.5	27.8	9	20	J(B4)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WET/25221 | Analysis Method: SM10200
QC Batch Method: SM10200 | Analysis Description: Chlorophyll & Pheophytin
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 915677 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chlorophyll a	ug/L	1.0U	1.0	06/02/14 15:46	

SAMPLE DUPLICATE: 915678

Parameter	Units	35139833001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a	ug/L	27.2 mg/m3	27.7	2	40	

SAMPLE DUPLICATE: 915679

Parameter	Units	35139867006 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a	ug/L	25.5	24.7	3	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36315 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005

METHOD BLANK: 916132 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/30/14 14:50	

LABORATORY CONTROL SAMPLE: 916133

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916134 916135

Parameter	Units	35139833002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.082	5	5	5.2	5.2	103	103	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916136 916137

Parameter	Units	35139865003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.043U	5	5	5.1	5.1	102	102	90-110	.2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36316 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 916138 Matrix: Water
Associated Lab Samples: 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/31/14 01:32	

LABORATORY CONTROL SAMPLE: 916139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 916140 916141

Parameter	Units	35139891001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	7.1	5	5	12.8	12.8	114	113	90-110	.7	20	J(M1), L

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36503 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 921600 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	06/06/14 15:26	

LABORATORY CONTROL SAMPLE: 921601

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.92	92	90-110	

MATRIX SPIKE SAMPLE: 921603

Parameter	Units	35139805001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.032 I	1	0.93	89	90-110	J(M1)

SAMPLE DUPLICATE: 921602

Parameter	Units	35139805001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.032 I	0.042 I		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36370 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 917732 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.50	06/06/14 11:53	

LABORATORY CONTROL SAMPLE: 917733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	20	20.2	101	90-110	

MATRIX SPIKE SAMPLE: 917735

Parameter	Units	35139867001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	20	16.7	84	90-110	J(M1)

SAMPLE DUPLICATE: 917734

Parameter	Units	35139867001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.086U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36466 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 920499 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.050	06/05/14 14:28	

LABORATORY CONTROL SAMPLE: 920500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2	2.1	103	90-110	

MATRIX SPIKE SAMPLE: 920502

Parameter	Units	35139809001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	5.6	2	9.4	192	80-120	J(M1)

MATRIX SPIKE SAMPLE: 920504

Parameter	Units	35139867006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	2	1.8	89	80-120	

SAMPLE DUPLICATE: 920501

Parameter	Units	35139809001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	5.6	5.6	.4	20	

SAMPLE DUPLICATE: 920503

Parameter	Units	35139867006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.025U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36371 Analysis Method: EPA 365.4
QC Batch Method: EPA 365.4 Analysis Description: 365.4 Phosphorus
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 917738 Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.10	06/06/14 12:17	

LABORATORY CONTROL SAMPLE: 917739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	4	4.0	101	90-110	

MATRIX SPIKE SAMPLE: 917741

Parameter	Units	35139867001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	4	3.7	91	80-120	

SAMPLE DUPLICATE: 917740

Parameter	Units	35139867001 Result	Dup Result	RPD	Max RPD	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.050U		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36414 | Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 | Analysis Description: 410.4 COD
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 919241 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	12.5U	20.0	06/05/14 14:29	

LABORATORY CONTROL SAMPLE: 919242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	548	110	90-110	

MATRIX SPIKE SAMPLE: 919244

Parameter	Units	35139833001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	25.5	500	489	93	90-110	

SAMPLE DUPLICATE: 919243

Parameter	Units	35139833001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	25.5	22.7	12	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

QC Batch: WETA/36373 | Analysis Method: SM 5310B
QC Batch Method: SM 5310B | Analysis Description: 5310B TOC
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

METHOD BLANK: 918080 | Matrix: Water
Associated Lab Samples: 35139867001, 35139867002, 35139867003, 35139867004, 35139867005, 35139867006, 35139867007, 35139867008, 35139867009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.50U	1.0	06/05/14 01:52	

LABORATORY CONTROL SAMPLE: 918081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	20	19.4	97	90-110	

MATRIX SPIKE SAMPLE: 918083

Parameter	Units	35139812001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	0.50U	20	17.1	86	80-120	

MATRIX SPIKE SAMPLE: 918085

Parameter	Units	35139867002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	40.5	20	58.7	91	80-120	

SAMPLE DUPLICATE: 918082

Parameter	Units	35139812001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.50U	0.50U		20	

SAMPLE DUPLICATE: 918084

Parameter	Units	35139867002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	40.5	42.2	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

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-A	Pace Analytical Services - Asheville
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.
B	Results based upon colony counts outside the acceptable range.
J(B4)	Estimated value. The glucose/glutamic acid standard exceeded the range of 198 plus or minus 30.5 mg/L.
J(L0)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
J(L2)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
J(M1)	Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
J(P6)	Estimated Value. Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
L	Off-scale high. Actual value is known to be greater than value given.
Z	Too many colonies were present (TNTC); the numeric value represents the estimated colony counts from the highest dilution used in this test.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867002	**SW3**		FLD/		
35139867003	**SW2**		FLD/		
35139867004	**SW2 Dup**		FLD/		
35139867005	**SW4**		FLD/		
35139867006	**SW5**		FLD/		
35139867007	**SW11**		FLD/		
35139867008	**SW12**		FLD/		
35139867009	**SW1**		FLD/		
35139867001	**EQ Blank 2 5/29/14**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867002	**SW3**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867003	**SW2**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867004	**SW2 Dup**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867005	**SW4**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867006	**SW5**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867007	**SW11**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867008	**SW12**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867009	**SW1**	EPA 8011	OEXT/17537	EPA 8011	GCSV/11475
35139867001	**EQ Blank 2 5/29/14**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867002	**SW3**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867003	**SW2**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867004	**SW2 Dup**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867005	**SW4**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867006	**SW5**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867007	**SW11**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867008	**SW12**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867009	**SW1**	EPA 3010	MPRP/18775	EPA 6010	ICP/11592
35139867001	**EQ Blank 2 5/29/14**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867002	**SW3**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867003	**SW2**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867004	**SW2 Dup**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867005	**SW4**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867006	**SW5**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867007	**SW11**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867008	**SW12**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867009	**SW1**	EPA 3010	MPRP/18776	EPA 6020	ICPM/7600
35139867001	**EQ Blank 2 5/29/14**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867002	**SW3**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867003	**SW2**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867004	**SW2 Dup**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867005	**SW4**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867006	**SW5**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867007	**SW11**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867008	**SW12**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867009	**SW1**	SM 9222D	MBIO/14080	SM 9222D	MBIO/14081
35139867001	**EQ Blank 2 5/29/14**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867002	**SW3**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867003	**SW2**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867004	**SW2 Dup**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867005	**SW4**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867006	**SW5**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867007	**SW11**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867008	**SW12**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867009	**SW1**	EPA 1631E	MERP/6726	EPA 1631E	MERC/6481
35139867001	**EQ Blank 2 5/29/14**	EPA 8260	MSV/11856		
35139867002	**SW3**	EPA 8260	MSV/11856		
35139867003	**SW2**	EPA 8260	MSV/11856		
35139867003	**SW2**	EPA 8260	MSV/11880		
35139867004	**SW2 Dup**	EPA 8260	MSV/11856		
35139867005	**SW4**	EPA 8260	MSV/11856		
35139867006	**SW5**	EPA 8260	MSV/11856		
35139867007	**SW11**	EPA 8260	MSV/11856		
35139867008	**SW12**	EPA 8260	MSV/11856		
35139867009	**SW1**	EPA 8260	MSV/11856		
35139867010	**Trip Blank 2 5/29/14**	EPA 8260	MSV/11856		
35139867001	**EQ Blank 2 5/29/14**	SM 2540C	WET/25268		
35139867002	**SW3**	SM 2540C	WET/25268		
35139867003	**SW2**	SM 2540C	WET/25268		
35139867004	**SW2 Dup**	SM 2540C	WET/25269		
35139867005	**SW4**	SM 2540C	WET/25269		
35139867006	**SW5**	SM 2540C	WET/25269		
35139867007	**SW11**	SM 2540C	WET/25269		
35139867008	**SW12**	SM 2540C	WET/25269		
35139867009	**SW1**	SM 2540C	WET/25269		
35139867001	**EQ Blank 2 5/29/14**	SM 2540D	WET/25293		
35139867002	**SW3**	SM 2540D	WET/25293		
35139867003	**SW2**	SM 2540D	WET/25293		
35139867004	**SW2 Dup**	SM 2540D	WET/25293		
35139867005	**SW4**	SM 2540D	WET/25293		
35139867006	**SW5**	SM 2540D	WET/25293		
35139867007	**SW11**	SM 2540D	WET/25293		
35139867008	**SW12**	SM 2540D	WET/25293		
35139867009	**SW1**	SM 2540D	WET/25293		
35139867001	**EQ Blank 2 5/29/14**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867002	**SW3**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867003	**SW2**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867004	**SW2 Dup**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867005	**SW4**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867006	**SW5**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867007	**SW11**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867008	**SW12**	SM 5210B	WET/25222	SM 5210B	WET/25411
35139867009	**SW1**	SM 5210B	WET/25222	SM 5210B	WET/25411

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867001	**EQ Blank 2 5/29/14**	SM10200	WET/25221	SM10200	WET/25227
35139867002	**SW3**	SM10200	WET/25221	SM10200	WET/25227
35139867003	**SW2**	SM10200	WET/25221	SM10200	WET/25227
35139867004	**SW2 Dup**	SM10200	WET/25221	SM10200	WET/25227
35139867005	**SW4**	SM10200	WET/25221	SM10200	WET/25227
35139867006	**SW5**	SM10200	WET/25221	SM10200	WET/25227
35139867007	**SW11**	SM10200	WET/25221	SM10200	WET/25227
35139867008	**SW12**	SM10200	WET/25221	SM10200	WET/25227
35139867009	**SW1**	SM10200	WET/25221	SM10200	WET/25227
35139867001	**EQ Blank 2 5/29/14**	TKN+NOx Calculation	WET/25375		
35139867002	**SW3**	TKN+NOx Calculation	WET/25375		
35139867003	**SW2**	TKN+NOx Calculation	WET/25375		
35139867004	**SW2 Dup**	TKN+NOx Calculation	WET/25375		
35139867005	**SW4**	TKN+NOx Calculation	WET/25375		
35139867006	**SW5**	TKN+NOx Calculation	WET/25375		
35139867007	**SW11**	TKN+NOx Calculation	WET/25375		
35139867008	**SW12**	TKN+NOx Calculation	WET/25375		
35139867009	**SW1**	TKN+NOx Calculation	WET/25375		
35139867001	**EQ Blank 2 5/29/14**	EPA 300.0	WETA/36315		
35139867002	**SW3**	EPA 300.0	WETA/36315		
35139867003	**SW2**	EPA 300.0	WETA/36315		
35139867004	**SW2 Dup**	EPA 300.0	WETA/36315		
35139867005	**SW4**	EPA 300.0	WETA/36315		
35139867006	**SW5**	EPA 300.0	WETA/36316		
35139867007	**SW11**	EPA 300.0	WETA/36316		
35139867008	**SW12**	EPA 300.0	WETA/36316		
35139867009	**SW1**	EPA 300.0	WETA/36316		
35139867001	**EQ Blank 2 5/29/14**	EPA 350.1	WETA/36503		
35139867002	**SW3**	EPA 350.1	WETA/36503		
35139867003	**SW2**	EPA 350.1	WETA/36503		
35139867004	**SW2 Dup**	EPA 350.1	WETA/36503		
35139867005	**SW4**	EPA 350.1	WETA/36503		
35139867006	**SW5**	EPA 350.1	WETA/36503		
35139867007	**SW11**	EPA 350.1	WETA/36503		
35139867008	**SW12**	EPA 350.1	WETA/36503		
35139867009	**SW1**	EPA 350.1	WETA/36503		
35139867001	**EQ Blank 2 5/29/14**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867002	**SW3**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867003	**SW2**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867004	**SW2 Dup**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867005	**SW4**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867006	**SW5**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867007	**SW11**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867008	**SW12**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867009	**SW1**	EPA 351.2	WETA/36370	EPA 351.2	WETA/36499
35139867001	**EQ Blank 2 5/29/14**	EPA 353.2	WETA/36466		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual S
Pace Project No.: 35139867

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139867002	**SW3**	EPA 353.2	WETA/36466		
35139867003	**SW2**	EPA 353.2	WETA/36466		
35139867004	**SW2 Dup**	EPA 353.2	WETA/36466		
35139867005	**SW4**	EPA 353.2	WETA/36466		
35139867006	**SW5**	EPA 353.2	WETA/36466		
35139867007	**SW11**	EPA 353.2	WETA/36466		
35139867008	**SW12**	EPA 353.2	WETA/36466		
35139867009	**SW1**	EPA 353.2	WETA/36466		
35139867001	**EQ Blank 2 5/29/14**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867002	**SW3**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867003	**SW2**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867004	**SW2 Dup**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867005	**SW4**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867006	**SW5**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867007	**SW11**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867008	**SW12**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867009	**SW1**	EPA 365.4	WETA/36371	EPA 365.4	WETA/36505
35139867001	**EQ Blank 2 5/29/14**	EPA 410.4	WETA/36414		
35139867002	**SW3**	EPA 410.4	WETA/36414		
35139867003	**SW2**	EPA 410.4	WETA/36414		
35139867004	**SW2 Dup**	EPA 410.4	WETA/36414		
35139867005	**SW4**	EPA 410.4	WETA/36414		
35139867006	**SW5**	EPA 410.4	WETA/36414		
35139867007	**SW11**	EPA 410.4	WETA/36414		
35139867008	**SW12**	EPA 410.4	WETA/36414		
35139867009	**SW1**	EPA 410.4	WETA/36414		
35139867001	**EQ Blank 2 5/29/14**	SM 5310B	WETA/36373		
35139867002	**SW3**	SM 5310B	WETA/36373		
35139867003	**SW2**	SM 5310B	WETA/36373		
35139867004	**SW2 Dup**	SM 5310B	WETA/36373		
35139867005	**SW4**	SM 5310B	WETA/36373		
35139867006	**SW5**	SM 5310B	WETA/36373		
35139867007	**SW11**	SM 5310B	WETA/36373		
35139867008	**SW12**	SM 5310B	WETA/36373		
35139867009	**SW1**	SM 5310B	WETA/36373		

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WO#: 35139867

35139867

Page: 1 of 1

1764070

Section A
Required Client Information:

Company: VOLUSIA COUNTY SOLID WASTE
Address: 1990 TOMOKA FARMS RD
DAYTONA BEACH FL 32114
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B
Required Project Information:

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

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

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER SURFACE

Site Location
STATE:

Section D
Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): 624 VOC	Soil EDB	Solid metals	Nitrogen, Ammonia (NH_3)	COD, TP, TN	BOD, Nitrates, TSS	TOC	Chlorophyll A	Fecal coliform MF	1631 Low level Hg	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	WT	G			5-29-14	1157		13	5	1	1	5		1			X	X	X	X	X	X	X	X	X	X		
2	SW3						1217																						
3	SW2						1300																						
4	DUPLICATE						1300																						
5	SW4						1330																						
6	SW5						1400																						
7	SW11						1440																						
8	SW12						505																						
9	SW1						1535																						
10	TRIP BLANKS	WT	G			5-29-14	—		2				2					X											
11																													
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	MSA / PACE	5-29-14	1640		5/29/14	1640

SAMPLE CONDITIONS: Temp in °C: 1.3 (T160) | Received on Ice (Y/N): Y | Custody Sealed Cooler (Y/N): N | Samples Intact (Y/N): Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: MSA
DATE Signed (MM/DD/YY): 5-29-14

ORIGINAL

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

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

Chain of Custody

Pace Analytical®
www.pacelabs.com

Workorder: 35139867 **Workorder Name:** Tomoka Semi-annual S **Owner Received Date:** 5/29/2014 **Results Requested By:** 6/6/2014

Report To

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

Subcontract To

Pace Analytical Ashville
2225 Riverside Dr.
Asheville, NC 28804
Phone (828)254-7176

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Other						Requested Analysis: 1631-Low-Level Mercury - needs results and QC reported in ug/L												LAB USE ONLY
1	EQ	PS	5/29/2014 11:57	35139867001	Water	1						X												
2	SW3	PS	5/29/2014 12:17	35139867002	Water	1						X												
3	SW2	PS	5/29/2014 13:00	35139867003	Water	1						X												
4	Duplicate	PS	5/29/2014 13:00	35139867004	Water	1						X												
5	SW4	PS	5/29/2014 13:30	35139867005	Water	1						X												
6	SW5	PS	5/29/2014 14:00	35139867006	Water	1						X												
7	SW11	PS	5/29/2014 14:40	35139867007	Water	1						X												
8	SW12	PS	5/29/2014 15:05	35139867008	Water	1						X												
9	SW1	PS	5/29/2014 15:35	35139867009	Water	1						X												

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1				
2				
3				

Cooler Temperature on Receipt °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

Please E-Mail all results in a NELAC-Compliant Florida MDL PDF format to the PM listed above as soon as possible.

Pace Analytical®

BOTTLE ORDER # 29355

1/31/2014 2:39:19 PM

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

	Ship To:	Return To:
Contact: Ms. Jennifer Stirk	Contact: Ms. Jennifer Stirk	Contact:
Company: Volusia County Solid Waste Ma	Company: Volusia County Solid Waste Man	Lab Name: PACE - FL
Address: 1990 Tomoka Farms Road	Address: 1990 Tomoka Farms Road	Address: 8 East Tower Circle
City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Daytona Beach ,FL ,32124	City, St, Zip: Ormond Beach ,FL ,32174
Phone: Ext.	Phone: Ext.	Phone: (386) 672-5668 Ext.
Initiator: Jeff Baylor PM: JSB		

Proj. Description: Tomoka Semi annual S Quote Number: Profile Number:
Needs Bottles by: 05/01/2014 - Expected Date Ret: Shipping Method: Pace Field - Ormon

Return Shipping Labels
- ☐ No Shipper #
- ☐ With Shipper #

COC's
- ☑ Blank # 1
- ☐ Preprinted

Bottle Labels
- ☐ Blank
- ☐ Pre-Printed - With Sample IDs
- ☑ Pre-Printed - No Sample IDs

Bottles
- ☐ Boxed Cases
- ☐ Individually Wrapped
- ☑ Grouped By Sample ID / Matrix

Misc
- ☐ Sampling Instructions
- ☐ Custody Seal
- ☐ Temp. Blanks
- ☐ Coolers:
- ☐ Extra Bubble Wrap
- ☐ 10 mL Cut-Off Syringes
- ☐ Short Hold / Rush Stickers
- ☐ DI Water 0 Liter(s)

Trip Blank ☑

Qty	Total	Matrix	Method	BottleType	LotNumber	Note
9	27	Water	8260 Volatile Organic Compounds	3-40mL Clear Glass w/ HCl		
9	18	Water	8011 EDB	2-40mL Clear Glass Unpreserved		
9	9	Water	6010 Metals	1-250mL Plastic w/ HNO3		
9	9	Water	Nitrogen, Ammonia (NH3), COD, TP, TN	1-250mL Plastic w/ H2SO4		
9	9	Water	BOD, nitrate, TSS, TDS	1-1/2 gallon Plastic Unpreserved		
9	18	Water	TOC (Total Organic Carbon)	2-40mL Clear Glass w/ HCL		
9	9	Water	Chlorophyll A	1-1L Amber Plastic Unpreserved		
9	9	Water	Fecal Coliform MF	1-100mL Coliform w/ Sodium Thiosulfate Pellet		
1	2	Water	Trip Blank	2-40mL vials w/ HCl & DI Water		

RETURN WITH COC

Notes:

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing.

Shipped Date:
Shipped By:
Verified By:

Pace Analytical®

BOTTLE ORDER # 29355

1/31/2014 2:39:19 PM

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

	Ship To:	Return To:
Contact: Ms. Jennifer Stirk	Contact: Ms. Jennifer Stirk	Contact:
Company: Volusia County Solid Waste Ma	Company: Volusia County Solid Waste Man	Lab Name: PACE - FL
Address: 1990 Tomoka Farms Road	Address: 1990 Tomoka Farms Road	Address: 8 East Tower Circle
City, St, Zip: Daytona Beach , FL , 32124	City, St, Zip: Daytona Beach , FL , 32124	City, St, Zip: Ormond Beach , FL , 32174
Phone: Ext.	Phone: Ext.	Phone: (386) 672-5668 Ext.
Initiator: Jeff Baylor PM: JSB		

Proj. Description: Tomoka Semi annual S Quote Number: Profile Number:

Needs Bottles by: 05/01/2014 - Expected Date Ret: Shipping Method: Pace Field - Ormon

Return Shipping Labels
- ☐ No Shipper #
- ☐ With Shipper #

COC's
- ☑ Blank # 1
- ☐ Preprinted

Bottle Labels
- ☐ Blank
- ☐ Pre-Printed - With Sample IDs
- ☑ Pre-Printed - No Sample IDs

Bottles
- ☐ Boxed Cases
- ☐ Individually Wrapped
- ☑ Grouped By Sample ID / Matrix

Misc
- ☐ Sampling Instructions
- ☐ Coolers:
- ☐ Custody Seal
- ☐ Extra Bubble Wrap
- ☐ Short Hold / Rush Stickers
- ☐ Temp. Blanks
- ☐ 10 mL Cut-Off Syringes
- ☐ DI Water 0 Liter(s)

Trip Blank ☑

9	9	Water	1631 Low Level Mercury	1-500mL Clear Glass LLHg Unpreserved		

RETURN WITH COC

Notes:

Hazard Shipping Placard In Place : NA

*Sample receiving hours are Monday through Friday 8:00 am to 6:00 pm and Saturday from 9:00 am to 12:00 pm unless special arrangements are made with you project manager.
*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.
*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage and disposal.
*Payment term are net 30 days.
*Please include the proposal number on the chain of custody to insure proper billing.

Shipped Date:
Shipped By:
Verified By:

Pace Analytical

Pace Analytical Services, Inc. Florida Laboratory
8 E. Tower Circle, Ormond Beach, FL 32174

PACE FIELD SAMPLING WORK ORDER

Project Name: Tomoka LF semi-annual **Work Order #:** _____

Client: Volusia County

PACE Project Manager: Jeff **Date:** 1/31/2014

Profile: 1590 **Line Item:** 1 for GW, 2 for TB App I, 3 for SW

Sampling Location: Tomoka LF

Sampling Date: May 2014

Time to Report on Site: _____

Site Contact: Jennifer Stirk **Contact #:** 947-2952

Bottle order #: 29354 MW, 29355 SW

General Sampling Instructions: 54 GWs and 7 SWs need sampled. Be sure to check in at front office each day before beginning sampling. An EQ Blank, Field duplicate, and trip blank needs to be taken each day of sampling. Waterlevels and total well depths for all 54 GW wells need to be taken on a single day during event. Record waterlevel and well depth info on attached sheet along with staff gauge readings on SWs. Need to collect Leachate from Discharge pipe, not from tank.

Document on field sheets that purge water disposal is discharge to ground

QC SamplesTo Be Collected: (Check one or more)

Equipment Blank: X Trip Blank: X Field Blank: ____

Field Duplicate: X Matrix Spike: ____ _____: ____

Field Parameters Needed: (Check one or more)

pH: X Conductivity: X Turbidity: X Color/sheens: X

DO: X Temperature: X Waterlevels: X

Staff Gauge readings on SW: X Total Well depths: X

Miscellaneous Instructions or Notes: _____

FOR PACE FIELD TECH USE ONLY

	Sampling Start Time	Sampling Finish Time	Date
Field Tech 1:			
Field Tech 2:			
Field Tech 3:			
Field Tech 4:			

Pace Analytical Florida Laboratory	Document Name: Field Sampling Log	Date Revised: December 3, 2012
	Document Number: F-FL-C-022 rev.00	Issuing Authority: Pace Florida Quality Office

Field Sampling Log

Arrived on Site Date 5-29-14 Time: Departed Site Time:

Sampler's Signature [signature] Sampler's Name MARK GILBERT

CLIENT NAME: VOLUSIA COUNTY SOLID WASTE PROJECT NAME: TOMOKA SEMI SURFACE WATERS

CLIENT CONTACT: JENNIFER STARK SITE CONTACT: JENNIFER STARK

Personnel on Site: MARK GILBERT

SITE Location: TOMOKA LAND FILL

Ambient Conditions: SUNNY 85°F WINDY

Brief Description of Field Activities: COLLECTED SAMPLES FROM SURFACE WATERS W/ DIPPING POLE

Field Equipment Used: DIPPING POLE, YSI 556, 2020 TURBIDIMETER

Decon Procedures: (Yes) / No If Yes. Please Describe RINSED POLE W/DI WATER

Field Filtering: Yes (No) If Yes. Please Describe

Sample Matrix: DW GW WW SU STW SO SE ML Other: SURFACE WATERS

Physical Characteristics of Sample :

Sampling Method: GRAB X COMPOSITE

For Composite Sampling; Document Sampling Procedure for Collecting a Representative Sample:

QC Blanks: Precleaned EQB Field Cleaned EQB

Field Blanks Trip Blanks X QC Samples: X Duplicate X Replicate Samples

Split Samples(explain) SHEEN

Sx. Location	Date and Time		Parameters	Appearance	Odor	pH	Temp °C	Conductivity	DO	Turbidity
EQ	5-29-14	1157								
SW3		1217	NONE	YELLOW	NONE	6.38	22.34	201	0.63	41.5
SW2		1300	NONE	YELLOW	NONE	7.43	31.58	438	6.06	1.01
DUPLICATE		1300	NONE	YELLOW	NONE	7.43	31.58	438	6.06	1.01
SW4		1330	NONE	YELLOW	NONE	7.17	28.69	434	3.77	0.70
SW5		1400	NONE	YELLOW	NONE	8.24	32.36	415	10.75	7.76

Calibration of Meters

Meter	Y / N	Standard	Slope	Variance	Value

ORP 14.8
ORP 125.0
ORP 125.0
ORP 75.5
ORP 35.6

Other Notation's or Anomalies:

Pace Analytical Florida Laboratory	Document Name: Field Sampling Log	Date Revised: December 3, 2012
	Document Number: F-FL-C-022 rev.00	Issuing Authority: Pace Florida Quality Office

Field Sampling Log

Arrived on Site Date 5.29.14 Time: Departed Site Time:

Sampler's Signature [signature] Sampler's Name MARK GILBERT

CLIENT NAME: VOLUSIA COUNTY SOLID WASTE PROJECT NAME: TOMOKA SEMI SURFACE WATERS

CLIENT CONTACT: JENNIFER STARK SITE CONTACT:

Personnel on Site: MARK GILBERT

SITE Location: TOMOKA LAND FILL

Ambient Conditions: SUNNY, 85°F, WINDY

Brief Description of Field Activities: COLLECTED SURFACE WATER SAMPLES W/ DIPPING POLE

Field Equipment Used: YSI 556, 2020 TURBIDIMETER, DIPPING POLE

Decon Procedures: (Yes) / No If Yes. Please Describe RINSED DIPPING POLE W/ DI WATER

Field Filtering: Yes / (No) If Yes. Please Describe

Sample Matrix: DW GW WW SU STW SO SE ML Other: SURFACE WATER

Physical Characteristics of Sample :

Sampling Method: GRAB X COMPOSITE

For Composite Sampling; Document Sampling Procedure for Collecting a Representative Sample:

QC Blanks: Precleaned EQB Field Cleaned EQB

Field Blanks Trip Blanks X QC Samples: X Duplicate X Replicate Samples

Split Samples(explain) SYEEN

Sx. Location	Date and Time		~~Parameters~~	Appearance	Odor	pH	Temp °C	Conductivity	DO	Turbidity
SW 11	5-29-14	1440	NONE	YELLOW	NONE	7.48	29.56	410	6.00	1.69
SW 12	5-29-14	1505	NONE	CLEAR	NONE	8.06	30.42	501	7.20	1.76
SW 1	5-29-14	1535	NONE	CLEAR	NONE	6.88	30.65	114	6.39	0.33

Calibration of Meters

Meter	Y / N	Standard	Slope	Variance	Value

ORP 109.1
ORP 158.0
ORP 169.0

Other Notation's or Anomalies:

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

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE Project # 3513918607

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

Tracking # _____

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

Date and Initials of person examining contents: _____ TH

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

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

Cooler Temperature °C 1.4 (Visual) -0.1 (Correction Factor) 1.3 (Actual)

0.7 -0.1 0.6
0.5 -0.1 0.4

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen? ☐ Yes ☐ No

Receipt of samples satisfactory: ☐ Yes ☐ No Rush TAT requested on COC:

If yes, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chain of Custody Present	☐
Chain of Custody Filled Out	☐
Relinquished Signature & Sampler Name COC	☐
Samples Arrived within Hold Time	☐
Sufficient Volume	☐
Correct Containers Used	☐
Containers Intact	☐
Sample Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
All containers needing preservation are found to be in compliance with EPA recommendation.	☐
No Headspace in VOA Vials (>6mm):	☐

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: 1/22

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: _____

FIELD INSTRUMENT CALIBRATION LOGS

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☒ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	100% SAT AIR			
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-19-14	0613	A	9.314	9.309		N	CCV	MS
5-20-14	0619	A	8.985	8.985		N	CCV	MS
5-21-14	0635	A	9.175	9.178		N	CCV	MS
5-22-14	0647	A	8.915	8.905		N	CCV	MS
5-23-14	0647	A	8.660	8.662		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☒ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	147	PWC-14582	5-7-2014	11-3-2014
Standard B:	1413	PWC-14581	5-7-2014	11-3-2014
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-14-14	0615	A	147	144		N	CCV	MS
5-14-14	0616	B	1413	1421		N	CCV	MS
5-20-14	0620	A	147	143		N	CCV	MS
5-20-14	0622	ms ~~A~~ B	1413	1419		N	CCV	MS
5-21-14	0636	A	147	145		N	CCV	MS
5-21-14	0637	B	1413	1419		N	CCV	MS
5-22-14	0648	A	147	144		N	CCV	MS
5-22-14	0650	B	1413	1420		N	CCV	MS
5-23-14	0649	A	147	144		N	CCV	MS
5-23-14	0650	B	1413	1414		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☒ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	7.00	1WL 2703	12-9-2013	6-1-2015
Standard B:	4.00	1WL 2702	12-9-2013	6-1-2015
Standard C:	10.00	1WL 3149	4-28-2014	2-1-2016

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-19-14	0620	A	7.00	7.03		N	CCV	MS
5-19-14	0623	B	4.00	4.07		N	CCV	MS
5-19-14	0626	C	10.00	10.01		N	CCV	MS
5-20-14	0624	A	7.00	7.04		N	CCV	MS
5-20-14	0627	B	4.00	4.09		N	CCV	MS
5-20-14	0629	C	10.00	10.03		N	CCV	MS
5-21-14	0641	A	7.00	7.04		N	CCV	MS
5-21-14	0643	B	4.00	4.08		N	CCV	MS
5-21-14	0646	C	10.00	10.03		N	CCV	MS
5-22-14	0653	A	7.00	7.06		N	CCV	MS
5-22-14	0655	B	4.00	4.09		N	CCV	MS
5-22-14	0658	C	10.00	10.04		N	CCV	MS
5-23-14	0653	A	7.00	7.05		N	CCV	MS
5-23-14	0655	B	4.00	4.09		N	CCV	MS
5-23-14	0658	C	10.00	10.00		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☒ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	240 REDOX SOLUTION	PWL 11473	9-5-2013	9-5-2014
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-17-14	0703	A	238.8	238.8		Y	IC	MS
5-17-14	0708	A	238.8	239.1		N	ICV	MS
~~5-18~~ 5-19-14	0629	A	238.8	240.3		N	CCV	MS
5-20-14	0632	A	236.2	237.6		N	CCV	MS
5-21-14	0648	A	237.5	239.1		N	CCV	MS
5-22-14	0700	A	236.2	236.0		N	CCV	MS
5-23-14	0700	A	234.9	234.7		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) 2020 TURBIDIMETER **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☒ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	1.00 NTU	IWC 3150	4-28-2014	2-1-2015
Standard B:	10.00 NTU	IEX 2148	5-13-2014	4-1-2015
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-19-14	0630	A	1.00	1.00		N	CCV	MS
5-19-14	0631	B	10.00	10.03		N	CCV	MS
5-20-14	0633	A	1.00	0.99		N	CCV	MS
5-20-14	0633	B	10.00	10.24		N	CCV	MS
5-21-14	0649	A	1.00	1.03		N	CCV	MS
5-21-14	0650	B	10.00	10.29		N	CCV	MS
5-22-14	0703	A	1.00	1.01		N	CCV	MS
5-22-14	0703	B	10.00	10.26		N	CCV	MS
5-23-14	0701	A	1.00	1.00		N	CCV	MS
5-23-14	0702	B	10.00	10.04		N	CCV	MS

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☒ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	100% SAT AIR			
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0611	A	9.165	9.170		N	CCV	MS
5-28-14	0631	A	8.846	8.856		N	CCV	MS
5-29-14	0624	A	8.693	8.692		N	CCV	MS
5-30-14	0743	A	8.710	8.706		N	CCV	MS
~~6-6-14~~	~~9 55~~	~~A~~						

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☒ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	147	PWC-14582	5-7-2014	11-3-2014
Standard B:	1413	PWC-14501	5-7-2014	11-3-2014
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0612	A	147	145		N	CCV	MS
5-27-14	0613	B	1413	1423		N	CCV	MS
5-28-14	0632	A	147	144		N	CCV	MS
5-28-14	0633	B	1413	1423		N	CCV	MS
5-29-14	0625	A	147	145		N	CCV	MS
5-29-14	0626	B	1413	1423		N	CCV	MS
5-30-14	0746	A	147	144		N	CCV	MS
5-30-14	0748	B	1413	1424		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☒ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	7.00	IWC 2703	12-9-2013	6-1-2015
Standard B:	4.00	IWC 2702	12-9-2013	6-1-2015
Standard C:	10.00	IWC 3149	4-28-2014	2-1-2016

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0617	A	7.00	7.05		N	CCV	MS
5-27-14	0620	B	4.00	4.09		N	CCV	MS
5-27-14	0622	C	10.00	10.04		N	CCV	MS
5-28-14	0636	A	7.00	7.06		N	CCV	MS
5-28-14	0639	B	4.00	4.11		N	CCV	MS
5-28-14	0642	C	10.00	10.02		N	CCV	MS
5-29-14	0629	A	7.00	7.07		N	CCV	MS
5-29-14	0632	B	4.00	4.11		N	CCV	MS
5-29-14	0635	C	10.00	10.02		N	CCV	MS
5-30-14	0750	A	7.00	7.08		N	CCV	MS
5-30-14	0752	B	4.00	4.14		N	CCV	MS
5-30-14	0754	C	10.00	10.05		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI 556 **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☒ ORP ☐ Chlorine ☐ Other_____

☐ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	ZOBELLS SOLUTION	PWC 11473	9-5-2013	9-5-2014
Standard B:				
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0624	A	237.5	239.2		N	CCV	MS
5-28-14	0646	A	236.2	235.5		N	CCV	MS
5-29-14	0636	A	234.9	235.8		N	CCV	MC
5-30-14	0758	A	234.9	234.8		N	CCV	MS

Notes: _____

Field Measurment Calibration Records

INSTRUMENT (MAKE/MODEL#) 2020 TURBIDIMETER **INSTRUMENT #**_____

PARAMETER (check only one)

☐ Temperature ☐ Conductivity ☐ ORP ☐ Chlorine ☐ Other_____

☒ Turbidity ☐ pH ☐ DO ☐ Salinity

STANDARDS: (Specify the type(s) of standards used for calibration, the origin of the standards, the standard values, and the date the standards were prepared or purchased

	Standard Value	Trace #	Prep / Received Date	Expiration Date
Standard A:	1.00NTU	IWC 3150	4-28-2014	2-1-2015
Standard B:	10.00NTU	IEX 2148	5-15-2014	4-1-2015
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
5-27-14	0626	A	1.00	0.97		N	CCV	MS
5-27-14	0627	B	10.00	10.33		N	CCV	MS
5-28-14	0649	A	1.00	0.96		N	CCV	MS
5-28-14	0650	B	10.00	10.22		N	CCV	MS
5-29-14	0639	A	1.00	0.99		N	CCV	MS
5-29-14	0639	B	10.00	10.05		N	CCV	MS
5-30-14	0800	A	1.00	0.97		N	CCV	MS
5-30-14	0801	B	10.00	10.07		N	CCV	MS

Notes: _____