2014 First Semiannual Water Quality Monitoring Report

Tomoka Farms Road Landfill, Volusia County

Facility SW WACS No. 27540

August 2014

Submitted To:

Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Prepared by:

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1.0 Introduction

HDR Engineering is submitting the 2014 first semiannual groundwater monitoring report for the Tomoka Farms Road Landfill (TFRLF) (SW WACS No. 27540) located at Port Orange, on behalf of Volusia County, Florida. This report was prepared in accordance with the facility permit conditions (Permit No. 0078767-030-SO-01) issued June 28, 2013. The semiannual water quality monitoring program covers the Tomoka Farm Road Landfill Class I, North Cell Phase I (open), and South Class I Cell (closed) (Permit No. SF64-0078767-028), and the Class III Cell (Permit No. SO64-0078767-026). Semiannual water quality monitoring is to be conducted at the site during May and November each year according to the permit; and the monitoring report is due to Department of Environmental Protection (FDEP) within 60 days of the completion of lab analysis. The data for the current submission was obtained during the routine semiannual detection-monitoring event conducted from May 19 to 29, 2014. Fifty-four groundwater samples and seven surface water samples were monitored for the parameters outlined in the approved Monitoring Plan Implementation Schedule (MPIS) for the facility. Semiannual groundwater samples and semiannual surface water samples were monitored for the parameters listed in No. 8 and No. 12 of the MPIS, respectively.

A summary and discussion of the potentiometric elevations across the site, the groundwater and surface water analytical results, and the conclusions based on the May 2014 sampling event are included below with recommendations.

2.0 Field Sampling and Laboratory Analysis

The groundwater sampling activities for this semiannual event were conducted from May 19 to 29, 2014 by Pace Analytical Services, Inc., (Pace) under contract with Volusia County (County). A site map showing the monitoring locations is included as Figure 1. Field sampling procedures were performed in accordance with the Quality Assurance Rule, Chapter 62-160 of the Florida Administrative Code (FAC). All field work, sampling methodologies, data evaluation, data Quality Assurance/Quality Control (QA/QC), and laboratory analyses were conducted in accordance with the site permit and applicable FDEP Standard Operating Procedures (SOPs). A description of the field and laboratory activities is provided in the following paragraphs.

2.1 Groundwater and Surface Water Sampling

The depth to groundwater was measured to the nearest 0.01 ft referenced to the top of the PVC casing prior to purging each well. The water table elevations were calculated by subtracting the depth to water measurement from the reference datum. The groundwater elevation data is provided in Table 1. The surface water levels (staff gage readings) for SW-1 through SW-5 and SW-11 through SW-12 were measured, and the

calculated surface water elevations are provided in Table 2. Each monitoring well was purged and sampled using a peristaltic pump after field measured parameters (pH, conductivity, temperature, dissolved oxygen, and turbidity) reached stability in accordance with FDEP SOPs. Field parameters were recorded in field-sampling logs (Attachment 1) during purging and at the time of sampling. The groundwater wells sampled during this semiannual event are listed in Table 1 (26 wells in Zone 1-2, 24 wells in Zone 4, one well in Zone 6, and 3 wells in the Floridan aquifer). Seven surface water samples (Table 2) were also collected during the sampling event. The collected samples were placed on ice and shipped to the PACE laboratory under signed chain of custody documentation. A trip blank and equipment blank were also included in the laboratory analyses.

2.2 Laboratory Analysis

The parameters listed in the MPIS for the facility for groundwater and surface water samples were analyzed for this event. Table 3 lists the parameters and the analytical methods. The groundwater analytical results were evaluated against the primary drinking water standards (PDWS) and secondary drinking water standards (SDWS) listed in Chapter 62-550, FAC and the Groundwater Cleanup Target Levels (GCTL) listed in Chapter 62-777, FAC. Surface water samples were evaluated against the surface water criteria listed in Chapter 62-302.530, F.A.C.

3.0 Groundwater and Surface Water Elevations

The groundwater and surface water elevations, based on May 16, 2014 water level measurements, are shown in Tables 1 and 2, respectively. The groundwater elevations for those wells used for benzene quarterly evaluation monitoring are also included in Table 1 and in the potentiometric maps. These wells include four wells installed in zone 4 (B76-1, B79-1, B81-4, and B82-1); six wells in zone 6 (B76-6, B77, B79-6, B85-6, B86, and B87-6); and three wells in Floridan aquifer (B85-F, and B87-F). The groundwater potentiometric maps for aquifer Zones 1-2, 4, 6, and Florida aquifer are included in Figures 2 through 5, respectively. The groundwater potentiometric maps indicate a north and northeasterly groundwater flow direction for all aquifer zones across the TFRLF with minor mounding near B74 in Zone 1-2. These groundwater flow directions across the site are similar to historical groundwater flow determinations.

Surface water elevations adjacent to the potentiometric map for Zone 1-2 are shown in Table 2. The surface water levels are comparable to the groundwater levels at nearby wells for Zone 1-2 (Figure 2).

4.0 Laboratory Results

4.1 Groundwater Results

Groundwater exceedances above the PDWS, SDWS, and GCTL standards reported for this sampling event include ammonia, arsenic, benzene, chloride, iron, nitrate, sodium, sulfate, total dissolved solids (TDS), and pH. A summary of the detected groundwater parameters and exceedances for Zone 1-2, Zones 4 and 6, and the Floridan aquifer are included in Tables 4, 5, and 6. The full laboratory analytical results and field sampling logs provided by Pace are included in Attachment 1. A summary of the exceedances by parameter is below:

4.1.1 Ammonia

Ammonia concentrations were detected in compliance wells B-61R (10.8 mg/L) and B62-2R (5.8 mg/L) in Zone 1-2 exceeding the GCTL of 2.8 milligrams per liter (mg/L). In Zone 4, ammonia was detected above the GCTL in background well B2 (3.3 mg/L), compliance wells B-1B (6.6 mg/L), B41-1 (55.9 mg/L), and B62-1R (67.3 mg/L). Ammonia did not exceed the GCTL in the Floridan aquifer.

The ammonia exceedances listed above have historically exceeded the GCTL at the TFRLF and evaluation monitoring has been initiated for ammonia under the direction of the October 26, 2009, FDEP letter. Per FDEP Memorandum dated December 3, 2012, addressing the subject "Monitoring and Evaluation of Ammonia in Groundwater at Solid Waste Management Facilities SMW-13.10," the ammonia GCTL is no longer being relied on or enforced. Consequently, ammonia is no longer used by FDEP for regulatory compliance.

4.1.2 Benzene

Benzene concentrations were detected above the PDWS of 1.0 µg/L in background Monitoring well B-36 (2.5 µg/L) in Zone 4, and in compliance wells B37-1 (11.5 µg/L) and B45-1 (10.5 µg/L) in Zone 4. Benzene was not detected above the PDWS in Zone 1-2, Zone 6, or the Floridan aquifer.

Benzene in the vicinity of the background well B-36, and compliance wells B5 and B37-1 is currently being monitored under the semiannual B5/B37 monitoring program and the B5 remediation activities approved under the Limited Scope Remedial Action Plan (LRAP) Approval Order dated March 19, 2009. The other benzene exceedances at B45-1 and B-36 have historically exceeded the PDWS at the TFRLF. Evaluation monitoring for benzene in these areas has been initiated by the County.

4.1.3 Iron

Iron has been detected above the SDWS of 300 µg/L in most groundwater monitoring wells in Zones 1-2, 4, 6, and the Florida aquifer. These detections are consistent with the historic results. Historical groundwater quality data indicate elevated iron concentrations in wells are typical groundwater conditions at TFRLF.

4.1.4 pH

The pH levels were below SDWS pH lower limit of 6.5 at 14 of the 26 wells in Zone 1-2 and in 16 of the 24 wells in Zone 4. The pH was detected below 6.5 at one Zone 6 well (B8). The pH values were within the SDWS range for pH in the Floridan aquifer. Historically, field pH values in the surficial aquifer at the TFRLF are below the SDWS lower limit.

4.1.5 Chloride

Chloride concentrations exceeding the SDWS of 250 mg/L were detected at one intermediate groundwater monitoring well B8-2 (335 mg/L) in Zone 4 (Table 5). Chloride was not detected above the SDWS in Zone 1-2 or in the Floridan aquifer. In a letter dated October 26, 2009, the FDEP indicated that implementation of evaluation monitoring for chloride is not required. Therefore, no additional actions are recommended at this time.

4.1.6 Nitrate-N

Nitrate-N was detected above the PDWD (10 mg/L) at 29.8 mg/L in one Zone 4 compliance well (B45-2). This result has decreased since the previous nitrate detection (166 mg/L) during the 2013 second semiannual monitoring event.

4.1.7 Sodium

Sodium was detected at or above the PDWS of 160 mg/L in Zone 4 compliance wells B37-1 (258 mg/L), B45-1 (232 mg/L), and B62-1R (189 mg/L). These wells have historically exceeded sodium standard at the TFRLF. Sodium did not exceed the PDWS in the Floridan aquifer. In a letter dated October 26, 2009, the FDEP indicated that implementation of evaluation monitoring for sodium is not required. Therefore, no additional action is recommended.

4.1.8 Sulfate

Sulfate was detected at B34-2 (284 mg/L) from Zone 1-2 above the SDWS but concentration has decreased from the November 2013 sampling event.

4.1.9 TDS

TDS concentrations exceeding the SDWS, of 500 mg/L, were detected in a total of 6 wells in Zone 1-2 and 13 wells in Zone 4. TDS was not detected above the SDWS in the Floridan aquifer. TDS has historically exceeded the SDWS at the TFRLF.

4.2 Surface Water Quality Results

Surface water quality data were collected on May 29, 2014, by Pace for seven surface water sampling locations: SW-1, SW-2, SW-3, SW-4, SW-5, SW-11, and SW-12. The detected surface water results are provided in Table 7. Dissolved oxygen at two surface water points (SW-3 and SW-4) was detected below the Class III fresh water limit (>5 mg/L). Fecal coliform in SW-3 was detected slightly above the monthly average limit of the Class III Standard. Iron was detected in SW-2 and SW-5 above the Class III Standard of 1000 µg/L. No other parameters exceeded surface water standards. Monitoring will be continued as required to determine if the results were indicative of an anomalous condition or if an apparent trend is developing.

4.3 QA/QC

Method blanks, laboratory control samples, duplicate samples, and matrix spike/matrix spike duplicates were found within recommended laboratory guidelines. Iron, ammonia-N, and acetone were detected in the equipment blank slightly above the detection limits, but below any established standards. Acetone was also detected in one Trip blank slightly above the detection limit but below the reporting limit.

5.0 Conclusions and Recommendations

The findings from the 2014 first semiannual sampling event indicate that the northeasterly groundwater flow direction and the parameters detected above the groundwater and surface water standards at the site are comparable to historical data. Groundwater parameter exceedances include ammonia, benzene, chloride, iron, nitrate, sodium, sulfate, TDS, and pH. Surface water parameters detected above their respective Class III criteria during the 2014 first semiannual sampling event include dissolved oxygen, fecal coliform, and iron. Exceedances found in the groundwater and surface water samples are consistent with historical data. Nitrate was detected in B45-2 above the PDWS, but concentrations have decreased since the previous event. Currently, the TFRLF is performing B5/B37 area semiannual assessment monitoring and B5 area remediation action status and evaluation monitoring. Based on the parameters detected during the 2014 first semiannual sampling event, historical concentrations, and the ongoing monitoring and remediation at the site, and slow groundwater flow velocity as provided in the 2014 Water Quality Technical Report, HDR recommended reducing water quality monitoring frequency to annual and

reducing some monitoring wells as provided in the Technical Report (submitted separately). These wells include B33-2, B34-2, B35-2, B38-2, B40-2, B44, B61R, B62-2R, B66, B71 and B73-2 from the Zone 1-2; and B2, B8-2, B32, B33-1, B35-1, B38-1, B40-1B, 59-1R, B62-1R, and B68 from Zone 4 of the surficial aquifer.

6.0 Professional Certification

This document has been prepared under my direction in general accordance with Chapter 62-701, Florida Solid Waste Management Facility Regulations. The information contained within this report is to the best of my knowledge and belief, true, accurate, and complete.

Handi Wang, PhD
HDR Engineering, Inc.
Sr. Environmental Scientist

John Catches, PG 8/8/2014
HDR Engineering, Inc.
FL License No. 2203

Florida Department of Environmental Protection

Suite 232 3319 Maguire Boulevard Orlando, Florida 32803

GROUND WATER MONITORING REPORT

Rule 62-522.600 (11)

GENERAL INFORMATION

Facility Name Tomoka Farms Road Landfill

Address 1990 Tomoka Farms Road

City Daytona Beach Zip 32124 Country U.S.

Telephone Number (386) 947-2952

Facility WACS Number 64-00027540

DEP Permit Number S064-198377

Authorized Representative's Name Leonard Marion Title Director of Solid Waste

Address 3151 E. New York Ave.

City Deland Zip 32724 Country

Telephone Number (386) 943-7889

Type of Discharge Settling with surface water discharge to an unnamed wetlands

Method of Discharge Ditch pump

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission false information including the possibilty of fine and imprisonment.

7/31/14
Date

Owner or Authorized Representative's Signature

QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Comp QAP # 860198

Analytical Lab Comp QAP #/ HRS Certification E83079

Lab Name PACE Analytical Services, Inc.

Address 8 East Tower Circle, Ormond Beach, Florida 32174

Phone Number (386) 672-5668

FIGURES

N

SCALE IN FEET

-600 0 600 1200

LEGEND

B37-2 ZONE 1-2 MONITORING WELL

B37-1 ZONE 4 MONITORING WELL

FACILITY BOUNDARY

WASTE UNIT BOUNDARY

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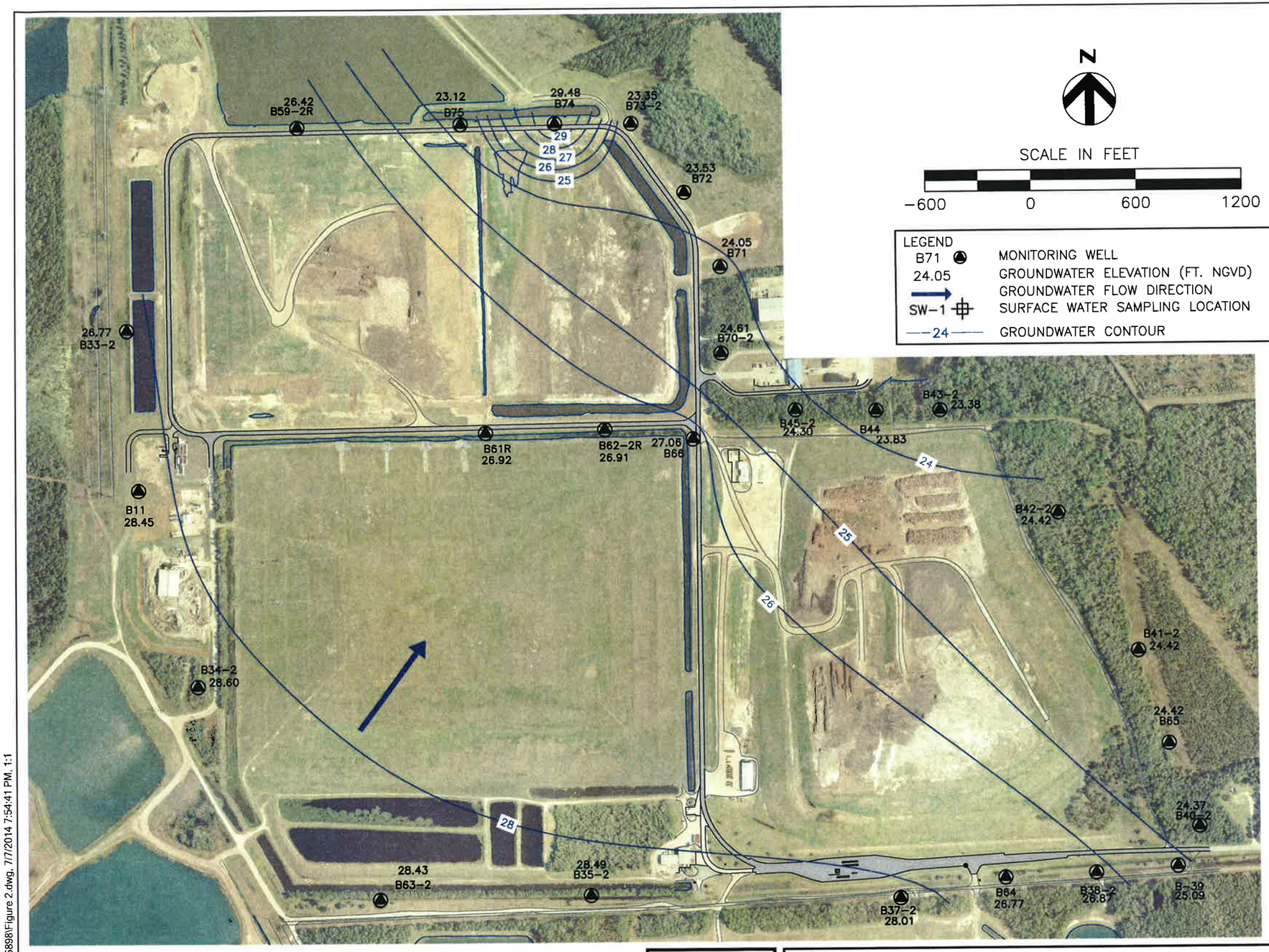
HDR

PROJECT TITLE	TOMOKA FARMS ROAD LANDFILL
SHEET TITLE	SITE MAP
PROJECT NUMBER	195292
PROJECT MANAGER	C. LEBRON
DATE	01/2013
REFERENCE SHEET	
REFERENCE DOCUMENT	
EXHIBIT NUMBER	FIGURE 1



WELL	LATITUDE	LONGITUDE	TOP OF CASING ELEVATION (NGVD)
B11	29°08'02"	81°06'14"	32.95
B33-2	29°08'12"	81°06'14"	32.97
B34-2	29°07'51"	81°06'11"	31.20
B35-2	29°07'39"	81°05'46"	29.34
B37-02	29°07'39"	81°05'25"	28.76
B38-2	29°07'40"	81°05'13"	28.12
B39	29°07'40"	81°05'08"	29.09
B40-2	29°07'43"	81°05'07"	27.67
B41-2	29°07'53"	81°05'11"	29.27
B42-2	29°08'01"	81°05'16"	28.47
B43-2	29°08'07	81°05'23"	28.23
B44	29°08'07"	81°05'27"	30.03
B45-2	29°08'07"	81°05'32"	30.35
B59-2R	29°08'23"	81°06'05"	33.12
B61R	29°08'05"	81°05'52"	39.42
B62-2R	29°08'05"	81°05'44"	39.36
B63-2	29°07'39"	81°05'59"	30.38
B64	29°07'40"	81°05'19"	28.22
B65	29°07'48"	81°05'09"	27.97
B66	29°08'06"	81°05'38"	31.26
B70-2	29°08'11"	81°05'37"	31.51
B71	29°08'15"	81°05'37"	30.75
B72	29°08'20"	81°05'39"	28.93
B73-2	29°08'24"	81°05'42"	28.95
B74	29°08'24"	81°05'47"	33.78
B75	29°08'24"	81°05'53"	31.62

NOTES:

1. WELL SURVEY CONDUCTED BY SLIGER & ASSOCIATES ON MAY 01, 2009.
2. GROUNDWATER CONTOURS DO NOT INCLUDE THE SURFACE WATER BODIES.
3. GROUND WATER LEVELS WERE MEASURED ON MAY 16, 2014.

HDR

PROJECT TITLE
TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
ZONES 1 & 2 GROUNDWATER POTENTIOMETRIC MAP
1ST 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER 234399	REFERENCE SHEET
PROJECT MANAGER C. LEBRON	REFERENCE DOCUMENT
DATE 07/2014	EXHIBIT NUMBER FIGURE 2

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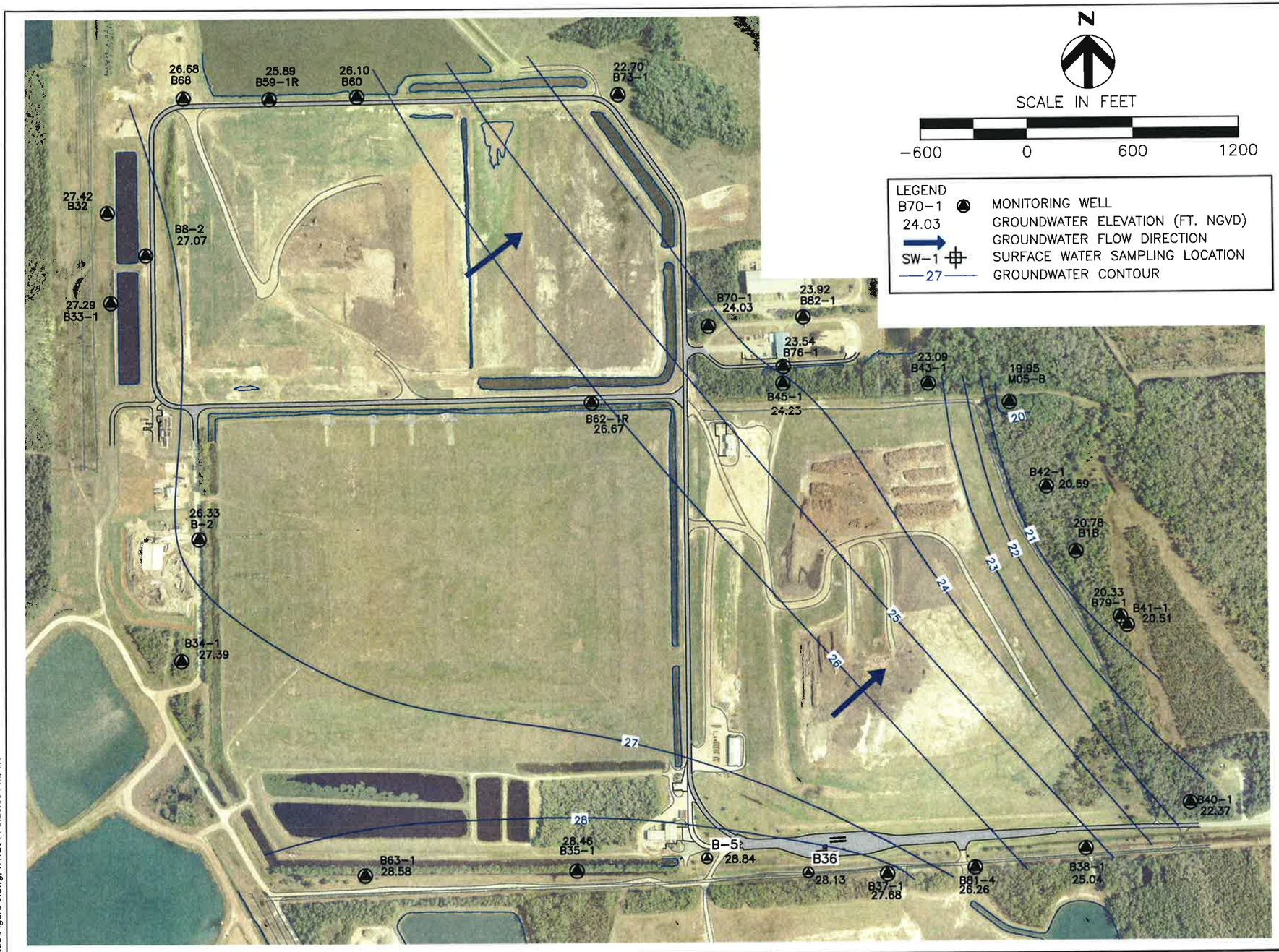

N

SCALE IN FEET

−600 0 600 1200

LEGEND

B70−1 ▲	MONITORING WELL
24.03	GROUNDWATER ELEVATION (FT. NGVD)
→	GROUNDWATER FLOW DIRECTION
SW−1 ⊕	SURFACE WATER SAMPLING LOCATION
—27—	GROUNDWATER CONTOUR

WELL	LATITUDE	LONGITUDE	TOP OF CASING ELEVATION (NGVD)
B1−B	29°07'57"	81°05'14"	28.78
B2	29°07'58"	81°06'09"	34.53
B32	29°08'17"	81°06'14"	30.92
B33−1	29°08'12"	81°06'14"	34.69
B34−1	29°07'51"	81°06'11"	31.19
B35−1	29°07'39"	81°05'46"	29.26
B36	29°07'39"	81°05'31"	29.33
B37−01	29°07'39"	81°05'25"	28.63
B38−1	29°07'40"	81°05'13"	28.24
B40−1	29°07'43"	81°05'07"	27.77
B41−1	29°07'53"	81°05'11"	29.16
B42−1	29°08'01"	81°05'16"	28.30
B43−1	29°08'07"	81°05'23"	28.09
B45−1	29°08'07"	81°05'32"	30.28
B5	29°07'40"	81°05'38"	32.59
B59−1R	29°08'23"	81°06'05"	32.44
B60	29°08'24"	81°05'59"	32.95
B62−1R	29°08'05"	81°05'44"	38.97
B63−1	29°07'39"	81°05'59"	30.03
B68	29°08'23"	81°06'10"	32.98
B70−1	29°08'11"	81°05'37"	31.03
B73−1	29°08'24"	81°05'42"	29.20
B8−2	29°08'14"	81°06'11"	33.37
M05−B	29°08'06"	81°05'18"	29.80
B76−1	29°08'08"	81°05'31"	27.39
B79−1	29°07'54"	81°05'09"	27.53
B81−4	29°07'39"	81°05'19"	29.76
B82−1	29°08'11"	81°05'30"	30.78

NOTES:

1. WELL SURVEY CONDUCTED BY SLIGER & ASSOCIATES ON MAY 01, 2009.
2. GROUND WATER LEVELS WERE MEASURED ON MAY 16, 2014.

HDR

PROJECT TITLE
TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
ZONE 4 GROUNDWATER POTENTIOMETRIC MAP
1ST 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER
234399

PROJECT MANAGER
C. LEBRON

DATE
07/2014

REFERENCE SHEET

REFERENCE DOCUMENT

EXHIBIT NUMBER
FIGURE 3

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N

SCALE IN FEET

−600 0 600 1200

LEGEND

B76-6	MONITORING WELL
19.53	GROUNDWATER ELEVATION (FT. NGVD)
	GROUNDWATER FLOW DIRECTION
SW-1	SURFACE WATER SAMPLING LOCATION
20	GROUNDWATER CONTOUR

WELL	LATITUDE	LONGITUDE	TOP OF CASING ELEVATION (NGVD)
B8-1	29°08'14"	81°06'11"	33.53
B76-6	29°08'08"	81°05'31"	27.33
B77	29°08'07"	81°05'32"	31.13
B79-6	29°07'54"	81°05'10"	27.51
B86	29°07'40"	81°05'19"	29.46
B85-6	29°07'57"	81°05'05"	27.02
B87-6	29°08'15"	81°05'26"	29.37

NOTES:

1. WELL SURVEY CONDUCTED BY SLIGER & ASSOCIATES ON MAY 01, 2009.
2. GROUND WATER LEVELS WERE MEASURED ON MAY 16, 2014.

HDR

PROJECT TITLE
TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
ZONE 6 GROUNDWATER POTENTIOMETRIC MAP
1ST 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER
234399

PROJECT MANAGER
C. LEBRON

DATE
07/2014

REFERENCE SHEET

REFERENCE DOCUMENT

EXHIBIT NUMBER
FIGURE 4

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N

SCALE IN FEET

−700 0 700 1400

LEGEND

FA−2C	MONITORING WELL
15.45	GROUNDWATER ELEVATION (FT. NGVD)
	GROUNDWATER FLOW DIRECTION
SW−1	SURFACE WATER SAMPLING LOCATION
15	GROUNDWATER CONTOUR

WELL	LATITUDE	LONGITUDE	TOP OF CASING ELEVATION (NGVD)
FA−1B	29°07'51"	81°06'11"	32.22
FA−2C	29°08'31"	81°05'32"	28.10
FM−B	29°07'42"	81°05'36"	33.88
B85−F	29°07'57"	81°05'05"	27.47
B87−F	29°08'15"	81°05'26"	29.25
B83	29°08'07"	81°05'32"	30.57

NOTES:

1. WELL SURVEY CONDUCTED BY SLIGER & ASSOCIATES ON MAY 01, 2009.
2. GROUND WATER LEVELS WERE MEASURED ON MAY 16, 2014.

HDR

PROJECT TITLE
TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
FLORIDAN AQUIFER GROUNDWATER POTENTIOMETRIC MAP
1ST 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER
234399

PROJECT MANAGER
C. LEBRON

DATE
07/2014

REFERENCE SHEET

REFERENCE DOCUMENT

EXHIBIT NUMBER
FIGURE 5

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TABLES

Table 1
Groundwater Elevation Data
1st Semiannual 2014 Compliance Monitoring Event
Tomoka Farms Landfill
Sampling Date: May 16, 2014

Well Number	Aquifer Zone	Top of Casing (feet, NGVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft, NGVD)
Zone 1 & 2				
B11	1-2	32.95	4.50	28.45
B33-2	1-2	32.97	4.90	28.07
B34-2	1-2	31.20	2.60	28.60
B35-2	1-2	29.34	0.85	28.49
B37-2	1-2	28.76	0.75	28.01
B38-2	1-2	28.12	1.25	26.87
B-39	1-2	29.09	4.00	25.09
B40-2	1-2	27.67	3.30	24.37
B41-2	1-2	29.27	4.85	24.42
B42-2	1-2	28.47	4.05	24.42
B43-2	1-2	28.23	4.85	23.38
B44	1-2	30.03	6.20	23.83
B45-2	1-2	30.35	6.05	24.30
B59-2R	1-2	33.12	6.70	26.42
B61R	1-2	39.42	12.50	26.92
B62-2R	1-2	39.36	12.45	26.91
B63-2	1-2	30.38	1.95	28.43
B64	1-2	28.22	1.45	26.77
B65	1-2	27.97	3.55	24.42
B66	1-2	31.26	4.20	27.06
B70-2	1-2	31.51	6.90	24.61
B71	1-2	30.75	6.70	24.05
B72	1-2	28.93	5.40	23.53
B73-2	1-2	28.95	5.60	23.35
B74	1-2	33.78	4.30	29.48
B75	1-2	31.62	8.50	23.12
Zone 4				
B-1B	4	28.78	8.00	20.78
B-2	4	34.53	8.20	26.33
B-5	4	32.59	3.75	28.84
B8-2	4	33.37	6.30	27.07
B-32	4	30.92	3.50	27.42
B33-1	4	34.69	7.40	27.29
B34-1	4	31.19	3.80	27.39
B35-1	4	29.26	0.80	28.46
B-36	4	29.33	1.20	28.13
B37-1	4	28.63	0.95	27.68
B38-1	4	28.24	3.20	25.04
B40-1	4	27.77	5.40	22.37
B41-1	4	29.16	8.65	20.51
B42-1	4	28.30	7.71	20.59
B43-1	4	28.09	5.00	23.09
B45-1	4	30.28	6.05	24.23
B59-1R	4	32.44	6.55	25.89
B60	4	32.95	6.85	26.10
B62-1R	4	38.97	12.30	26.67

Table 1
Groundwater Elevation Data
1st Semiannual 2014 Compliance Monitoring Event
Tomoka Farms Landfill
Sampling Date: May 16, 2014

Well Number	Aquifer Zone	Top of Casing (feet, NGVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft, NGVD)
B63-1	4	30.03	1.45	28.58
B68	4	32.98	6.30	26.68
B70-1	4	31.03	7.00	24.03
B73-1	4	29.20	6.50	22.70
MO5-B	4	29.80	9.85	19.95
B76-1	4	27.39	3.85	23.54
B79-1	4	27.53	7.20	20.33
B81-4	4	29.76	3.50	26.26
B82-1	4	30.78	6.85	23.93
Zone 6				
B8	6	33.53	13.85	19.68
B76-6	6	27.33	7.8	19.53
B77	6	31.13	11.3	19.83
B79-6	6	27.51	7	20.51
B85-6	6	27.02	7.1	19.92
B86	6	29.46	7.45	22.01
B87-6	6	29.37	10.2	19.17
Floridian Aquifer				
B85-F	FL	27.47	10.2	17.27
B87-F	FL	29.43	12.7	16.73
FA-1B	FL	32.22	13.4	18.82
FA-2C	FL	28.10	12.65	15.45
FM-B	FL	33.88	15.35	18.53

Notes: btoc = below top of casing

NGVD = National Geodetic Vertical Datum of 1929

Table 2. Surface Water Elevation Data
Tomoka Farms Road, Volusia County, Florida
1st Semiannual 2014 Compliance Monitoring Event
Sampling Date: May 16, 2014

Location	Staff Gage Reference Elevation (NGVD)	Staff Gage Reading (feet)	Surface Water Elevation (NGVD)
SW-1	24	2.7	26.7
SW-2	24	5.40	29.4
SW-3	21	2.10	23.1
SW-4	26	3.30	29.3
SW-5	24	3.20	27.2
SW-11	17	5.56	22.56
SW-12	22	4.30	26.30

Table 3
Check List of Laboratory Analytical Parameters for Groundwater and Surface Water

Parameters	Method	Groundwater	Surface Water
Appendix I Metals	EPA 6010/6020	X	X
Volatile Organic Compounds	EPA 8260	X	X
1,2-Dibromo-3-chloropropane	EPA 8011	X	X
1,2-Dibromoethane	EPA 8011	X	X
Ammonia-N	EPA 350.1 No Distillation	X	X
Iron & Sodium	EPA 6010	X	x
Mercury	EPA 1631/7470	X	X
Nitrate-N	EPA 300.0 (Nitrate (N))	X	X
TDS	SM18 2540 C	X	X
Chloride	EPA 300.0 (Chloride)	X	NA
Sulfate	EPA 300.0 (Sulfate)	X	NA
TSS	SM18 2540 D	NA	X
Carbon- Total Organic	SM18 5310 B	NA	X
Chlorophyll a	SM18 10200 H	NA	X
BOD	SM18 5210 B	NA	X
COD	EPA 410.4	NA	X
Coliform Fecal	SM18 9222 D (MF)	NA	X
Hardness- Calculated	SM18 2340 B	NA	X
Nitrate-Nitrite (N)	EPA 353.2 (Nitrate-Nitrite (N))	NA	X
Nitrogen- Total	SM18 Total N (TKN+NO2+NO3)	NA	X
Nitrogen- Total Kjeldahl	EPA 351.2	NA	X
Phosphorus- Total	EPA 365.4	NA	X

Note: X - Parameter was analyzed;
NA - Parameter was not analyzed.

Table 4
Summary of Detected Groundwater Parameters, Zone 1-2 Wells
Tomoka Farm Road Landfill, Volusia County
2014 First Semiannual Monitoring
Sampling Date: May 19 to 29, 2014

Parameter	Standard	Well ID																										Units
		B11	B33-2	B34-2	B35-2	B37-2	B38-2	B39	B40-2	B41-2	B42-2	B43-2	B44	B45-2	B59-2R	B61R	B62-2R	B63-2	B64	B65	B66	B70-2	B71	B72	B73-2	B74	B75	
		BG	CO	BG	BG	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	DE	DE	CO	CO	CO	DE	DE	CO	CO	CO	CO	CO	
Field Parameters																												
Field pH	6.5-8.5**	**5.08**	6.76	6.91	**5.38**	6.57	**6.01**	**4.92**	**6.06**	6.7	**6.22**	**6.14**	**5.41**	**6.22**	6.7	6.4	6.62	6.59	6.66	**6.13**	6.79	**6.24**	**5.8**	6.63	**6.34**	6.8	**6.37**	Std. Units
Specific Conductance	NS	164	980	2121	396	398	470	178	661	508	281	566	171	555	751	1048	961	826	619	514	486	484	206	517	257	681	1250	umhos/cm
Field Temperature	NS	26.59	26.11	23.6	24.53	25.18	23.2	23.91	21.34	21	21.58	23.69	21.91	21.73	26.3	22.82	23.23	24.12	23.86	20.85	24.74	24.92	25.68	26.41	26.06	24.21	24.46	deg C
Oxygen, Dissolved	NS	0.25	0.21	0.31	0.03	0.09	0.15	0.24	0.34	0.19	0.31	0.4	0.49	0.37	0.22	0.56	0.36	0.16	0.28	0.29	0.36	0.61	0.36	2.27	0.24	0.18	0.27	mg/L
REDOX	NS	73.4	-70	-76.4	53.1	-72.3	4.4	122.6	-5.2	-62.6	6.7	68.5	112.2	40.9	-81.2	-56.5	-68.5	-88.6	-90.8	-11.4	35.4	26.6	148	133.8	-24.7	-92.7	-71.7	mV
Turbidity	NS	0.5	3.82	5.91	2.45	1.66	1.65	4.58	4.39	0.64	7.77	12.7	3.93	4.6	8.69	0.41	9.14	15.1	1.26	1.11	0.93	7.84	7.14	4.44	5.44	6.11	7.5	NTU
General Chemistry																												
Chloride	250**	17.7	47.1	94.5	96.3	16.2	51.3	32	24.4	29.2	5.6	75.4	33.7	43.3	21.9	21.7	17.6	57.4	58.5	33.8	18.6	22.6	4.8	3.8	7.3	25.2	64.1	mg/L
Iron	300**	**3680**	**5900**	**3280**	**9540**	**6930**	**8390**	**11100**	**4830**	**839**	**2450**	**706**	**9220**	282	**6030**	**19700**	**6990**	**20400**	**22300**	**949**	187	**3440**	280	**339**	**5180**	**4740**	**45400**	µg/L
Nitrate as N	10*	<0.043	<0.086	<0.22	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	<0.043	0.44	<0.043	**29.8**	<0.043	<0.086	<0.086	<0.043	<0.043	<0.043	<0.043	0.12	<0.043	<0.043	<0.043	<0.043	<0.086	mg/L
Nitrogen, Ammonia	2.8***	0.6	0.3	0.16	1.1	0.19	0.84	0.67	0.76	0.34	0.22	<0.02	<0.02	<0.02	0.38	**10.8**	**5.8**	0.054	0.4	0.55	0.11	<0.02	0.028	<0.02	0.038	0.077	1.6	mg/L
Sodium	160*	8.4	116	96.7	56.2	13.7	38.7	18.9	21.6	21.9	6	40.4	15.8	32.5	33.4	26.5	22.4	41.3	39.5	25.4	20.9	13.2	4.5	4.1	4.3	43.4	53.6	mg/L
Sulfate	250**	23.1	26.4	**284**	<2.5	<2.5	<2.5	<2.5	53.6	<2.5	7.8	30.4	13.2	41.2	55.5	<2.5	<2.5	<2.5	<2.5	17	8.1	48.7	15.8	21.3	6	12	8.8	mg/L
TDS	500**	152	**752**	**1680**	298	265	347	247	478	366	198	444	132	469	**513**	**663**	**649**	**518**	419	369	310	343	185	349	179	440	**756**	mg/L
Appendix I Metals																												
Arsenic	10*	<5	5.9 I	<5	<5	<5	<5	**13.2**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.9	<5	<5	<5	<5	<5	8	<5	**12.3**	µg/L
Barium	2000*	60.1	74.4	109	64.4	25.6	24.4	24.3	41.2	26.3	18.5	18.3	21.7	34.5	81.8	152	90	63.6	52.7	38.2	39	51.3	13.2	31.1	28.1	49.2	113	µg/L
Beryllium	4*	0.52 I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Chromium	100*	3.3 I	4.5 I	<2.5	7.2	<2.5	<2.5	7.7	<2.5	<2.5	<2.5	2.9 I	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	µg/L
Cobalt	140***	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.5	<5	<5	µg/L
Nickel	100*	<2.5	3.4 I	8.9	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.4	<2.5	<2.5	µg/L
Vanadium	49***	14.2	10.1	<5	12.1	<5	<5	37.5	<5	<5	<5	5.4 I	<5	<5	<5	<5	<5	<5	<5	<5	5.9	<5	8	<5	<5	<5	5.7	µg/L
Zinc	5000***	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	10.7	17.5	75.7	31.7	<10	<10	µg/L
Appendix I VOCs																												
Acetone	6300***	<10	<10	<10	<10	21.2	23.6	18.2 I	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	31.5	<10	15.1	<10	<10	<10	<10	<10	<10	µg/L
Chlorobenzene	100*	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.74 I	0.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Toluene	40**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L

Note:
* - Primary Drinking Water Standard (62-520 F.A.C.);
** - Secondary Drinking Water Standard (620-520 F.A.C.);
*** - Groundwater Cleanup Tatrget Level (62-777 F.A.C.);
NS - No Standard;
Bold value indicates that the result is above the standard;
I - Analyte detected below the quantitation limit;
J - Estimated value;
< -The parameter was detected below the detection limit (value).

Table 5
Summary of Detected Groundwater Parameters, Zone 4 and Zone 6 Wells
Tomoka Farm Road Landfill, Volusia County
2014 First Semiannual Monitoring
Sampling Date: May 19 to 29, 2014

Parameter	Standard	Sample ID																									Unit
		B1-B	B-2	B32	B33-1	B34-1	B35-1	B36	B37-1	B38-1	B40-1	B41-1	B42-1	B43-1	B45-1	B-5	B59-1R	B60	B62-1R	B63-1	B68	B70-1	B73-1	B8	B8-2	M05-B	
		CO	BG	BG	BG	BG	BG	BG	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	CO	IM	IM	CO	
Field Parameters																											
Field pH	6.5-8.5**	**6.39**	**5.53**	6.71	**6.3**	6.51	**5.67**	**6.4**	**6.35**	**5.5**	**5.44**	**6.28**	**5.73**	**6.02**	**6.07**	6.56	6.74	6.57	6.74	6.65	**5.89**	**5.57**	6.64	6.53	**5.21**	**6.27**	Std. Units
Specific Conductance	NS	779	916	861	614	1154	333	1763	2438	324	636	2073	839	746	1466	924	649	548	1930	491	819	297	730	688	1300	1110	umhos/cm
Field Temperature	NS	23.25	25.59	24.41	25.24	23.12	24.58	24.11	24.34	22.79	21.41	22.49	22.13	24.04	21.9	23.34	26.03	25.43	23.67	23.13	25.65	24.95	25.38	27.14	25.83	23.55	deg C
Oxygen, Dissolved	NS	0.35	0.24	0.2	0.14	0.25	0.14	0.11	0.11	0.21	0.68	0.21	0.51	0.2	0.37	0.25	0.21	0.23	0.32	0.18	0.1	0.21	0.2	1.12	0.13	0.21	mg/L
REDOX	NS	-53.3	31.9	-90.9	-55.8	-80.1	46	-40.4	-80.2	65.4	61.5	-69.8	32.9	-9.7	-26.5	-75.7	-93.6	-57.5	-103.1	-54.1	-12.2	58	-99.4	-20.6	78.2	-15.3	mV
Turbidity	NS	3.2	1.44	5.92	0.82	1.59	2.59	1.33	3.32	4.14	0.3	3.36	2.03	2.57	1.39	1.35	0.28	0.22	2.51	0.44	0.58	0.11	0.39	0.47	5.09	0.76	NTU
General Chemistry																											
Chloride	250**	23.6	36.1	98.7	74.6	53	70.8	226	184	58.2	58.7	164	78.5	89.5	200	28.1	66.7	64.8	132	32.5	35.8	35.1	33.8	79.8	**335**	108	mg/L
Iron	300**	**12900**	**38300**	**8700**	**10800**	**29800**	**10900**	**5650**	**39700**	**23300**	**20600**	**20600**	**14200**	**25700**	**43400**	**18500**	**5120**	**4550**	**15000**	**2340**	**27200**	**6830**	**13600**	**1910**	**41600**	**8650**	µg/L
Nitrogen, Ammonia	2.8***	**6.6**	**3.3**	0.058	0.19	0.12	0.15	0.3	0.58	0.089	0.11	**55.9**	0.34	1.5	0.065	0.31	0.74	1.2	**67.3**	0.12	0.86 I	0.028	0.063	0.16	0.085	1.7	mg/L
Sodium	160*	35.8	28.3	32.7	64.6	40.4	25.6	120	**258**	28.3	51.3	141	93	83.6	**232**	34.7	56.8	53.4	**189**	51.3	25.8	28.3	41.1	37.6	55.3	132	mg/L
Sulfate	250**	69.2	**331**	57.3	<2.5	195	<2.5	<12.5	<12.5	22	184	79.5	222	28.2	<2.5	<5	4.6 I	<2.5	12.1	<2.5	41.4	50.6	7.1	10.5	37	62.2	mg/L
TDS	500**	493	**743**	**624**	470	**841**	246	**1210**	**1560**	234	491	**1210**	**636**	447	**970**	**562**	416	349	**1110**	335	**585**	217	382	483	**1130**	**817**	mg/L
Appendix I Metals																											
Antimony	6*	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Arsenic	10*	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5.8 I	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	µg/L
Barium	2000*	143	110	51.8	50.9	142	94.5	135	257	104	174	316	118	154	143	108	63.7	80.1	317	44.2	134	42.1	52.4	38.4	226	166	µg/L
Beryllium	4*	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Chromium	100*	<2.5	3.5 I	<2.5	2.7 I	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.9	2.5 I	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.3 I	µg/L
Copper	1000**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4 I	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	µg/L
Nickel	100*	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	µg/L
Vanadium	49***	<5	17.6	<5	<5	<5	<5	<5	<5	<5	<5	9.4 I	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	10.4	<5	µg/L
Zinc	5000**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	46	<10	<10	<10	<10	µg/L
Appendix I VOCs																											
1,1-Dichloroethane	70***	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
1,4-Dichlorobenzene	75*	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7 I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Acetone	6300***	<10	<10	<10	<10	<10	<10	<10	16.7 I	16.2 I	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	µg/L
Benzene	1*	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**2.5**	**11.5**	<0.1	<0.1	0.36 I	<0.1	0.1 I	**10.5**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	µg/L
Chlorobenzene	100*	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.7	9.6	<0.5	<0.5	3.9	<0.5	1.3	6.1	<0.5	<0.5	<0.5	2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Toluene	40**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.55 I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Vinyl chloride	1*	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.67 I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L
Xylene (Total)	20**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	3.2	<0.5	<0.5	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	µg/L

Note:
* - Primary Drinking Water Standard (62-520 F.A.C.);
** - Secondary Drinking Water Standard (620-520 F.A.C.);
*** - Groundwater Cleanup Tatrget Level (62-777 F.A.C.);
NS - No Standard;
Bold value indicates that the result is above the standard;
I - Analyte detected below the quantitation limit;
J - Estimated value;
< -The parameter was detected below the detection limit (value).

Table 6

Summary of Detected Groundwater Parameters, Florida Aquifer Wells
Tomoka Farm Road Landfill, Volusia County
2014 First Semiannual Monitoring
Sampling Date: May 19 to 29, 2014

Parameter	Standard	Well ID			Unit
		FA-1B	FA-2C	F-MB	
		BG	CO	CO	
Field Parameters					
Field pH	6.5-8.5	7.11	7.39	7.01	Std. Units
Field Specific Conductance	NS	535	712	585	umhos/cm
Field Temperature	NS	23.25	23.29	24.5	deg C
Oxygen, Dissolved	NS	0.19	0.22	0.23	mg/L
REDOX	NS	-85.2	-155.6	-49	mV
Turbidity	NS	0.22	0.02	2.32	NTU
Water Level(NGVD)	NS	18.76	14.25	18.53	ft
Laboratory Parameters					
Chloride	250	13.6	68	20.5	mg/L
Iron	300	410	**1200**	210	µg/L
Nitrate as N	10	0.063	<0.043	<0.043	mg/L
Nitrogen, Ammonia	2.8***	0.38	0.44	0.3	mg/L
Sodium	160*	10.4	47.1	16.4	mg/L
Total Dissolved Solids	500**	350	449	367	mg/L
Barium	2000*	28.4	22.8	19.3	µg/L
Acetone	6300***	14.7 I	<10	<10	µg/L

Note:

* - Primary Drinking Water Standard (62-520 F.A.C.);

** - Secondary Drinking Water Standard (620-520 F.A.C.);

*** - Groundwater Cleanup Tatrget Level (62-777 F.A.C.);

NS - No Standard;

I - Analyte detected below the quantitation limit;

< -The parameter was detected below the detection limit (value);

Bold value indicates that the result is above the standard.

Table 7
Summary of Detected Surface Water Parameters
Tomoka Farm Road Landfill, Volusia County
Monitoring Date: May 29, 2014

Parameter	Class III Standard*	Sample ID							Unit
		SW1	SW2	SW3	SW4	SW5	SW11	SW12	
		CO	CO	CO	CO	CO	CO	CO	
Field Parameters									
Field pH	6.0-8.5	6.88	7.43	6.38	7.17	8.24	7.48	8.06	Std. Units
Field Specific Conductance	NS	114	438	202	434	415	410	501	µmhos/cm
Field Temperature	NS	30.65	31.5	22.34	28.69	32.36	29.56	38.42	deg C
Oxygen, Dissolved	>5	6.39	6.06	**0.63**	**3.77**	10.75	6	7.2	mg/L
REDOX	NS	169	125	14.8	75.5	35.6	109.1	158	mV
Turbidity	<29 above bgd	0.33	1.01	41.5	0.72	4.76	1.69	1.76	NTU
General Chemistry									
BOD, 5 day	NS	<2	<2	30.5	2	3.4	<2	<2	mg/L
Chemical Oxygen Demand	NS	41.5	33.5	148	43.9	38.1	64.4	26.8	mg/L
Chlorophyll a	NS	5.2	4.9	20.6	8.4	25.5	7.9	3.4	µg/L
Fecal Coliforms	200	7	8	**240**	38	2	77	4	CFU/100 mL
Iron	1000	88.6	**1880**	329	276	**1800**	112	29.3 I	µg/L
Nitrogen, Ammonia	NS	0.027 I	0.026 I	0.11	0.04 I	0.043 I	0.03 I	0.028 I	mg/L
Nitrogen, Kjeldahl, Total	NS	0.4 I	0.7	2.5	0.69	1.5	0.87	0.74	mg/L
Phosphorus, Total (as P)	NS	<0.05	<0.05	0.24	<0.05	<0.05	<0.05	<0.05	mg/L
Sodium	NS	15.2	13.2	38.8	39.7	31.4	28.5	37.8	mg/L
Tot Hardness asCaCO3 (SM 2340B	NS	18	77	139	135	154	149	171	mg/L
Total Dissolved Solids	NS	93	278	226	282	295	283	333	mg/L
Total Nitrogen	NS	0.4 I	0.7	2.5	0.7	1.5	0.87	0.74	mg/L
Total Organic Carbon	NS	4.6	13.3	40.5	14	20.8	14.9	12.6	mg/L
Total Suspended Solids	NS	<5	<5	40	<5	7.5	<5	<5	mg/L
Metals									
Antimony	<4300	<0.5	<0.5	<0.5	<0.5	<0.5	0.54 I	0.93 I	µg/L
Barium	NS	<5	27.9	28.5	28.3	30.9	22.4	17.6	µg/L
Copper	See Below	<2.5	<2.5	1.5	<2.5	<2.5	<2.5	<2.5	µg/L
	$e^{(0.8545[\ln H]-1.702)}$			12.4					µg/L
Lead	See Below	<0.5	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	µg/L
	$e^{(1.273[\ln H]-4.705)}$			4.8					µg/L
Mercury	12	0.794	<0.5	12.2	0.723	0.998	1.31	0.646	ng/L
Selenium	5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.61 I	µg/L
VOCs									
2-Butanone (MEK)	NS	<5	<5	16.7	<5	<5	<5	<5	µg/L
Acetone	NS	<10	<10	45.6	<10	14.4 I	<10	10.4 I	µg/L
Toluene	NS	<0.5	<0.5	614	<0.5	0.72 I	<0.5	<0.5	µg/L

Note:

* Surface water Class III standards (62-320-530 F.A.C.);
Bold value ondicates that the result is above the Class III limit;
I - Analyte detected below the quantitation limit;
J - Estimated value;
< -The parameter was detected below the detection limit (value);
Shaded cell - Standard was not calculated because parameter was below detection limit.

Attachment 1

Laboratory Reports and Field Data Sheets

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
Phone: 386.672.5668
Fax: 386.673.4001

6/13/14

Ms. Jennifer Stirk
Volusia County Solid Waste Management
1990 Tomoka Farms Road
Daytona Beach, FL 32124

Re: Semi-annual Chemical Analyses Data
Tomoka Road Landfill – Spring 2014 (14S1)

Dear Ms. Stirk:

Submitted herein are the semi-annual chemical analyses data for monitor wells sampled at Tomoka Road Landfill from May 19th through May 29th of 2014. The Pace Analytical Services, Inc. work order numbers for this sampling event are 35138508, 35138877, 35139132, 35139338, 35139512, 35139698, 35139865 and 35139867.

This submission contains all the analytical data performed on groundwater samples for the parameters specified in the permit issued by Florida Department of Environmental Protection (DEP).

We have reviewed the data and compared the results with the guidance concentrations published by Florida DEP. The monitor wells with results exceeding the guidance concentrations are identified and listed in the comparison report from the ADaPT software in this submission.

If you have any questions or need further information on this report, please feel free to call us at (386) 672 - 5668.

Respectfully submitted,

Jeff Baylor
Project Manager

Tomoka Farms Road LF
SEMI-ANNUAL ANALYTICAL REPORT
Fall 2014 (14S1)

Prepared by:
Jeff Baylor
Project Manager
Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
Phone: (386)-672-5668

Tomoka Farms Road Landfill Semi-annual Chemical Analyses Data
Spring 2014 (14S1)

Table of Contents

COMPARSION REPORT OF GUIDANCE EXCEEDENCES

FDEP Automated Data Evaluation

Human Review Statement:

This is an automated data review produced by the Florida ADaPT software. The report does not supercede FDEP rules or standards and m
not contain all violations of FDEP rulesand standards. This report should be reviewed by a qualified staff member.

Sample ID:	**B11**	Sample Date:	5/23/2014 14:58	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15679	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	3680		20	40	300		ug/L	12	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B1-B**	Sample Date:	5/21/2014 13:34	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15636	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	12900		20	40	300		ug/L	43	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B-2** Sample Date: 5/27/2014 9:50 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15402 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	38300		20	40	300		ug/L	128	
Residues- Filterable (TDS)	TOT	743		5	5	500		mg/L	1.5	
Sulfate	TOT	331		25	50	250		mg/L	1.3	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B32** Sample Date: 5/23/2014 17:05 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15791 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	8700		20	40	300		ug/L	29	
Residues- Filterable (TDS)	TOT	624		5	5	500		mg/L	1.2	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B33-1** Sample Date: 5/23/2014 15:53 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15792 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	10800		20	40	300		ug/L	36	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B33-2** Sample Date: 5/23/2014 16:17 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15793 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	5900		20	40	300		ug/L	20	
Residues- Filterable (TDS)	TOT	752		5	5	500		mg/L	1.5	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B34-1** Sample Date: 5/27/2014 10:37 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15794 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	29800		20	40	300		ug/L	99	
Residues- Filterable (TDS)	TOT	841		5	5	500		mg/L	1.7	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B34-2** Sample Date: 5/27/2014 11:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15795 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	3280		20	40	300		ug/L	11	
Residues- Filterable (TDS)	TOT	1680		5	5	500		mg/L	3.4	
Sulfate	TOT	284		12.5	25	250		mg/L	1.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B35-1** Sample Date: 5/27/2014 13:25 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15796 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	10900		20	40	300		ug/L	36	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B35-2**	Sample Date:	5/27/2014 13:51	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15797	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	9540		20	40	300		ug/L	32	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B36** Sample Date: 5/27/2014 14:50 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15798 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Benzene	TOT	2.5		0.1	1	1		ug/L	2.5	
Iron	TOT	5650		20	40	300		ug/L	19	
Residues- Filterable (TDS)	TOT	1210		10	10	500		mg/L	2.4	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B37-1** Sample Date: 5/27/2014 15:45 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15799 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Benzene	TOT	11.5		0.1	1	1		ug/L	12	
Iron	TOT	39700		20	40	300		ug/L	132	
Residues- Filterable (TDS)	TOT	1560		10	10	500		mg/L	3.1	
Sodium	TOT	258		0.5	1	160		mg/L	1.6	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B37-2**	Sample Date:	5/27/2014 16:15	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15800	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	6930		20	40	300		ug/L	23	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B38-1** Sample Date: 5/29/2014 10:26 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15801 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	23300		20	40	300		ug/L	78	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B38-2**	Sample Date:	5/29/2014 10:54	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15802	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	8390		20	40	300		ug/L	28	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B39** Sample Date: 5/29/2014 11:20 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15803 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Arsenic	TOT	13.2		5	10	10		ug/L	1.3	
Iron	TOT	11100		20	40	300		ug/L	37	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B40-1**	Sample Date:	5/21/2014 9:25	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15804	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	20600		20	40	300		ug/L	69	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B40-1 DUP**	Sample Date:	5/21/2014 9:25	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15804	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	21000		20	40	300		ug/L	70	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B40-2** Sample Date: 5/21/2014 10:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15805 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	4830		20	40	300		ug/L	16	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B41-1** Sample Date: 5/21/2014 11:54 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15806 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	20600		20	40	300		ug/L	69	
Residues- Filterable (TDS)	TOT	1210		10	10	500		mg/L	2.4	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B41-2**	Sample Date:	5/21/2014 12:22	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15807	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	839		20	40	300		ug/L	2.8	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B42-1** Sample Date: 5/21/2014 14:27 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15808 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	14200		20	40	300		ug/L	47	
Residues- Filterable (TDS)	TOT	636		5	5	500		mg/L	1.3	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B42-2** Sample Date: 5/21/2014 14:52 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15809 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	2450		20	40	300		ug/L	8.2	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B43-1**	Sample Date:	5/22/2014 13:19	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15810	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	25700		20	40	300		ug/L	86	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B43-2**	Sample Date:	5/22/2014 13:41	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15811	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	706		20	40	300		ug/L	2.4	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B44**	Sample Date:	5/23/2014 9:30	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15812	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	9220		20	40	300		ug/L	31	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B44 Dup**	Sample Date:	5/23/2014 9:30	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15812	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	8990		20	40	300		ug/L	30	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B45-1** Sample Date: 5/19/2014 9:12 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15813 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Benzene	TOT	10.5		0.1	1	1		ug/L	11	
Iron	TOT	43400		20	40	300		ug/L	145	
Residues- Filterable (TDS)	TOT	970		10	10	500		mg/L	1.9	
Sodium	TOT	232		0.5	1	160		mg/L	1.5	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B45-1 Dup** Sample Date: 5/19/2014 9:12 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15813 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Benzene	TOT	10.4		0.1	1	1		ug/L	10	
Iron	TOT	43500		20	40	300		ug/L	145	
Residues- Filterable (TDS)	TOT	972		10	10	500		mg/L	1.9	
Sodium	TOT	232		0.5	1	160		mg/L	1.5	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B45-2** Sample Date: 5/19/2014 9:36 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15814 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Nitrate (N)	TOT	29.8		0.29	0.5	10		mg/L	3	Analysis conducted outside the EPA method holding time. time.

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B-5** Sample Date: 5/27/2014 8:55 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15403 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	18500		20	40	300		ug/L	62	
Residues- Filterable (TDS)	TOT	562		5	5	500		mg/L	1.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B-5 Dup** Sample Date: 5/27/2014 8:55 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15403 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	18900		20	40	300		ug/L	63	
Residues- Filterable (TDS)	TOT	566		5	5	500		mg/L	1.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B59-1R**	Sample Date:	5/23/2014 11:41	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15817	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	5120		20	40	300		ug/L	17	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B59-2R** Sample Date: 5/23/2014 12:05 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15818 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	6030		20	40	300		ug/L	20	
Residues- Filterable (TDS)	TOT	513		5	5	500		mg/L	1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B60**	Sample Date:	5/23/2014 10:52	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15819	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	4550		20	40	300		ug/L	15	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B61R** Sample Date: 5/22/2014 9:20 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15820 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	19700		20	40	300		ug/L	66	
Residues- Filterable (TDS)	TOT	663		5	5	500		mg/L	1.3	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B61R Dup**	Sample Date:	5/22/2014 9:20	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15820	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	20700		20	40	300		ug/L	69	
Residues- Filterable (TDS)	TOT	592		5	5	500		mg/L	1.2	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B62-1R** Sample Date: 5/22/2014 10:02 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15821 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Iron	TOT	15000		20	40	300		ug/L	50	
Residues- Filterable (TDS)	TOT	1110		10	10	500		mg/L	2.2	
Sodium	TOT	189		0.5	1	160		mg/L	1.2	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B62-2R** Sample Date: 5/22/2014 10:25 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15822 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Iron	TOT	6990		20	40	300		ug/L	23	
Residues- Filterable (TDS)	TOT	649		5	5	500		mg/L	1.3	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B63-1**	Sample Date:	5/27/2014 11:58	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15823	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	2340		20	40	300		ug/L	7.8	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B63-2** Sample Date: 5/27/2014 12:30 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15824 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	20400		20	40	300		ug/L	68	
Residues- Filterable (TDS)	TOT	518		5	5	500		mg/L	1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B64** Sample Date: 5/27/2014 16:56 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15825 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	22300		20	40	300		ug/L	74	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B65**	Sample Date:	5/21/2014 10:22	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15826	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	949		20	40	300		ug/L	3.2	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B68** Sample Date: 5/23/2014 12:50 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15829 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	27200		20	40	300		ug/L	91	
Residues- Filterable (TDS)	TOT	585		5	5	500		mg/L	1.2	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B70-1**	Sample Date:	5/22/2014 11:54	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	19800	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	6830		20	40	300		ug/L	23	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B70-2** Sample Date: 5/22/2014 12:20 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19801 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	3440		20	40	300		ug/L	11	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B72** Sample Date: 5/22/2014 14:57 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19803 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	339		20	40	300		ug/L	1.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B73-1**	Sample Date:	5/22/2014 15:55	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	19804	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	13600		20	40	300		ug/L	45	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B73-2** Sample Date: 5/22/2014 16:19 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19805 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	5180		20	40	300		ug/L	17	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B74**	Sample Date:	5/22/2014 17:06	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	19806	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	4740		20	40	300		ug/L	16	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B75** Sample Date: 5/23/2014 10:06 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19807 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Arsenic	TOT	12.3		5	10	10		ug/L	1.2	
Iron	TOT	45400		20	40	300		ug/L	151	
Residues- Filterable (TDS)	TOT	756		5	5	500		mg/L	1.5	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**B8**	Sample Date:	5/23/2014 13:45	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15642	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	1910		20	40	300		ug/L	6.4	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **B8-2** Sample Date: 5/23/2014 14:22 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15790 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Chloride	TOT	335		50	100	250		mg/L	1.3	
Iron	TOT	41600		20	40	300		ug/L	139	
Residues- Filterable (TDS)	TOT	1130		5	5	500		mg/L	2.3	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **FA-1B** Sample Date: 5/28/2014 14:12 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15639 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	410		20	40	300		ug/L	1.4	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**FA-2C**	Sample Date:	5/28/2014 10:12	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15836	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	1200		20	40	300		ug/L	4	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**FA-2C Dup**	Sample Date:	5/28/2014 10:12	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15836	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	1220		20	40	300		ug/L	4.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **M05-B** Sample Date: 5/21/2014 15:41 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15635 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	8650		20	40	300		ug/L	29	
Residues- Filterable (TDS)	TOT	817		5	5	500		mg/L	1.6	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**SW2**	Sample Date:	5/29/2014 13:00	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15831	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	1880		20	40	300		ug/L	6.3	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **SW2 Dup** Sample Date: 5/29/2014 13:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15831 Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	339		20	40	300		ug/L	1.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**SW3**	Sample Date:	5/29/2014 12:17	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15832	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	329		20	40	300		ug/L	1.1	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**SW5**	Sample Date:	5/29/2014 14:00	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15638	Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **A positive result, above the applied criteria was detec**

Investigate - this MAY represent a potential violation.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Exceeds By	Comment:
Iron	TOT	1800		20	40	300		ug/L	6	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **Trip Blank 05/22/14** Sample Date: 5/22/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **Trip Blank 2 5/29/14** Sample Date: 5/29/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**Trip Blank 5/19/1**	Sample Date:	5/19/2014 0:00	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:		Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID:	**Trip Blank 5/21/1**	Sample Date:	5/21/2014 0:00	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:		Matrix	W	Project Number:	27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **Trip Blank 5/23/1** Sample Date: 5/23/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **Trip Blank 5/29/1** Sample Date: 5/29/2014 8:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **Trip Blank 5-27-14** Sample Date: 5/27/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 1.

Sample ID: **Trip Blank 5-28-14** Sample Date: 5/28/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

Compliance Check: **GW standards + Groundwater guidance criteria: 1994 docum**

Evaluation Type: **The detection limit is greater than the applied action level or crit**

Investigate - the detection limit is too high to support the standard.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	62-777 Target PQL	Units	Comment:
1,2-Dibromo-3-chloropropane	TOT	1	U	1	2	0.2		ug/L	
1,2-Dibromoethane	TOT	0.5	U	0.5	1	0.02		ug/L	

LIST OF GROUNDWATER LEVELS

MONITOR WELL WATER LEVEL
TOMOKA FARMS ROAD LANDFILL

Current month collection date: 5/16/2014
Sampled by: MG

Well ID	Survey (TOC Elevation)	May 2014 Total well depth(TOC)	May 2014 Depth to water	May 2014 Water Level	November 2013 Water Level	May 2013 Water Level	November 2012 Water Level	April 2012 Water Level	November 2011 Water Level	May 2011 Water Level	November 2010 Water Level
B1-B	27.31	**35.90**	**8.00**	**19.31**	**17.51**	**14.42**	**17.29**	**14.40**	**17.72**	**14.45**	**15.96**
B-2	31.81	**27.30**	**8.20**	**23.61**	**24.01**	**23.23**	**24.43**	**22.91**	**24.56**	**23.39**	**23.17**
B-5	32.66	**25.60**	**3.75**	**28.91**	**27.86**	**27.36**	**28.05**	**25.71**	**27.75**	**25.93**	**25.78**
B8	33.02	**47.82**	**13.85**	**19.17**	**17.72**	**16.12**	**18.50**	**15.35**	**18.90**	**16.00**	**17.57**
B8-2	33.30	**33.20**	**6.30**	**27.00**	**26.20**	**25.70**	**26.40**	**25.86**	**27.08**	**25.28**	**25.43**
B11	30.63	**16.80**	**4.50**	**26.13**	**24.83**	**24.23**	**25.41**	**18.54**	**26.01**	**23.76**	**23.73**
B-32	30.51	**31.28**	**3.50**	**27.01**	**25.96**	**25.16**	**26.34**	**24.53**	**26.96**	**25.04**	**24.99**
B33-1	32.82	**39.50**	**7.40**	**25.42**	**24.22**	**23.35**	**24.41**	**22.61**	**26.02**	**23.09**	**23.49**
B33-2	32.10	**17.50**	**4.90**	**27.20**	**25.90**	**25.36**	**26.11**	**24.49**	**28.06**	**24.83**	**25.16**
B34-1	31.18	**34.08**	**3.80**	**27.38**	**25.78**	**25.56**	**26.95**	**24.47**	**27.53**	**24.87**	**25.18**
B34-2	31.21	**17.00**	**2.60**	**28.61**	**26.51**	**26.71**	**29.02**	**25.10**	**29.42**	**25.48**	**25.43**
B35-1	29.29	**33.95**	**0.80**	**28.49**	**27.69**	**26.79**	**27.84**	**25.94**	**25.94**	**25.07**	**25.49**
B35-2	29.36	**17.50**	**0.85**	**28.51**	**28.06**	**27.28**	**28.08**	**24.81**	**24.81**	**24.92**	**25.54**
B36	29.27	**34.30**	**1.20**	**28.07**	**27.67**	**27.31**	**27.68**	**25.28**	**25.28**	**25.42**	**24.16**
B37-1	28.59	**37.75**	**0.95**	**27.64**	**26.99**	**26.53**	**26.96**	**25.02**	**25.02**	**25.31**	**25.40**
B37-2	28.72	**16.80**	**0.75**	**27.97**	**27.47**	**27.29**	**27.37**	**25.32**	**25.32**	**25.43**	**25.67**
B38-1	28.22	**39.40**	**3.20**	**25.02**	**24.17**	**22.68**	**23.94**	**20.20**	**20.20**	**21.01**	**22.81**
B38-2	28.08	**17.34**	**1.25**	**26.83**	**26.58**	**26.44**	**26.38**	**21.54**	**21.54**	**22.85**	**23.18**
B39	29.06	**17.76**	**4.00**	**25.06**	**23.85**	**17.86**	**22.65**	**11.47**	**23.43**	**18.72**	**19.48**
B40-1	27.64	**29.60**	**5.40**	**22.24**	**20.89**	**17.84**	**19.67**	**15.90**	**20.66**	**16.61**	**17.75**
B40-2	27.68	**17.15**	**3.30**	**24.38**	**23.53**	**20.75**	**20.83**	**16.60**	**22.88**	**17.41**	**18.35**
B41-1	29.14	**38.20**	**8.65**	**20.49**	**18.74**	**15.56**	**18.50**	**14.89**	**18.89**	**15.60**	**17.12**
B41-2	29.26	**17.80**	**4.85**	**24.41**	**23.46**	**16.15**	**21.00**	**17.02**	**22.94**	**17.00**	**17.14**
B42-1	28.50	**31.65**	**7.71**	**20.79**	**19.00**	**16.06**	**18.83**	**15.14**	**19.23**	**15.80**	**17.30**
B42-2	28.36	**14.90**	**4.05**	**24.31**	**23.16**	**21.01**	**21.67**	**16.07**	**22.93**	**16.76**	**17.94**
B43-1	21.67	**28.70**	**5.00**	**16.67**	**15.37**	**14.05**	**21.98**	**18.68**	**21.97**	**19.39**	**20.29**
B43-2	28.21	**14.75**	**4.85**	**23.36**	**21.91**	**20.86**	**22.25**	**18.81**	**22.20**	**19.43**	**20.37**
B44	30.02	**14.65**	**6.20**	**23.82**	**22.92**	**23.17**	**23.22**	**20.69**	**23.06**	**21.15**	**21.99**
B45-1	30.24	**37.08**	**6.05**	**24.19**	**23.39**	**23.29**	**23.69**	**21.09**	**23.43**	**21.82**	**22.28**
B45-2	30.31	**17.60**	**6.05**	**24.26**	**23.36**	**23.84**	**23.62**	**21.08**	**23.36**	**21.83**	**22.29**
B58-1	29.02	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
B58-2	29.57	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
B59-1R	27.77	**35.00**	**6.55**	**21.22**	**20.97**	**20.51**	**21.28**	**19.33**	**19.93**	**19.48**	**18.71**
B59-2R	27.79	**17.70**	**6.70**	**21.09**	**20.79**	**20.66**	**21.04**	**19.26**	**19.72**	**19.39**	**18.46**
B60	28.84	**35.75**	**6.85**	**21.99**	**21.74**	**21.50**	**22.05**	**20.12**	**20.61**	**20.23**	**19.33**

MONITOR WELL WATER LEVEL
TOMOKA FARMS ROAD LANDFILL

Current month collection date: 5/16/2014
Sampled by: MG

Well ID	Survey (TOC Elevation)	May 2014 Total well depth(TOC)	May 2014 Depth to water	May 2014 Water Level	November 2013 Water Level	May 2013 Water Level	November 2012 Water Level	April 2012 Water Level	November 2011 Water Level	May 2011 Water Level	November 2010 Water Level
B61R	39.82	**28.67**	**12.50**	**27.32**	**26.14**	**25.85**	**26.25**	**25.01**	**25.92**	**25.29**	**24.95**
B62-1R	39.73	**38.10**	**12.30**	**27.43**	**25.83**	**26.06**	**26.15**	**25.64**	**25.48**	**25.00**	**24.58**
B62-2R	39.71	**22.10**	**12.45**	**27.26**	**25.81**	**25.81**	**25.90**	**24.52**	**25.37**	**24.88**	**24.52**
B63-1	30.06	**30.45**	**1.45**	**28.61**	**27.66**	**27.15**	**27.86**	**25.50**	**25.50**	**25.59**	**25.87**
B63-2	30.42	**14.40**	**1.95**	**28.47**	**27.82**	**27.42**	**27.97**	**25.45**	**25.45**	**25.47**	**25.74**
B64	28.19	**17.60**	**1.45**	**26.74**	**26.54**	**26.39**	**26.40**	**24.78**	**24.78**	**24.09**	**24.54**
B65	28.04	**17.60**	**3.55**	**24.49**	**23.64**	**15.67**	**20.71**	**16.54**	**22.94**	**16.93**	**17.60**
B66	31.27	**17.10**	**4.20**	**27.07**	**25.17**	**25.80**	**25.15**	**23.91**	**24.79**	**24.37**	**24.02**
B67	30.22	**N/A**	**NA**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
B68	29.73	**35.80**	**6.30**	**23.43**	**22.83**	**22.26**	**23.14**	**21.58**	**22.81**	**21.95**	**21.48**
FA-1B	32.16	**97.96**	**13.40**	**18.76**	**17.31**	**15.11**	**18.12**	**14.18**	**14.18**	**15.10**	**17.13**
FA-2C	26.90	**96.10**	**12.65**	**14.25**	**13.00**	**10.41**	**13.24**	**9.45**	**13.31**	**10.06**	**12.26**
MO5-B	29.24	**35.85**	**9.85**	**19.39**	**17.54**	**14.78**	**17.59**	**13.90**	**18.95**	**14.58**	**16.05**
B70-1	31.03	**39.15**	**7.00**	**24.03**	**23.13**	**22.76**	**23.02**	**18.68**	**21.03**	**19.25**	**19.51**
B70-2	31.51	**21.91**	**6.90**	**24.61**	**23.71**	**23.31**	**23.49**	**18.98**	**21.34**	**19.64**	**19.68**
B71	30.75	**21.30**	**6.70**	**24.05**	**23.55**	**22.88**	**23.94**	**18.81**	**21.32**	**19.5**	**19.25**
B72	28.93	**27.50**	**5.40**	**23.53**	**23.13**	**23.03**	**23.44**	**18.71**	**21.31**	**19.38**	**18.85**
B73-1	29.20	**37.20**	**6.50**	**22.70**	**22**	**21.03**	**22.3**	**18.02**	**20.93**	**18.4**	**18.39**
B73-2	28.95	**20.38**	**5.60**	**23.35**	**22.75**	**22.71**	**23.3**	**18.64**	**21.38**	**19.08**	**18.9**
B74	33.78	**33.18**	**4.30**	**29.48**	**28.78**	**30.16**	**23.73**	**18.38**	**19.33**	**18.55**	**18.36**
B75	31.62	**20.60**	**8.50**	**23.12**	**23.87**	**21.45**	**23.43**	**19.19**	**20.02**	**19.1**	**18.87**
F-MB	33.88	**99.30**	**15.35**	**18.53**	**17.08**	**14.79**	**17.71**	**13.76**	**17.58**	**14.61**	**16.44**

SW ID	May 2014 Staff Gauge	November 2013 Staff Gauge	May 2013 Staff Gauge	November 2012 Staff Gauge	April 2012 Staff Gauge	November 2011 Staff Gauge	May 2011 Staff Gauge	November 2010 Staff Gauge
SW-1	**2.70**	**1.7**	**0.9**	**1.89**	**0.82**	**4.78**	**4.76**	**4.78**
SW-2	**5.40**	**4.05**	**2.78**	**4.23**	**2.00**	**2.9**	**1.96**	**1.9**
SW-3	**2.10**	**1.70**	**0.00**	**1.28**	**Dry**	**1.94**	**N/A**	**N/A**
SW-4	**3.30**	**2.00**	**0.75**	**2.25**	**Dry**	**1.18**	**N/A**	**N/A**
SW-5	**3.20**	**0.20**	**2.15**	**0.68**	**0.63**	**N/A**	**2.9**	**N/A**
SW-11	**5.56**	**NA**	**2.30**	**5.70**	**1.5**	**2.5**	**1.1**	**1.19**
SW-12	**4.30**	**4.20**	**3.98**	**4.30**	**2.43**	**N/A**	**2.7**	**2.1**
North Leachate Pond	**NA**	**NA**	**NA**	**5.8**				
South Leachate Pond	**NA**	**NA**	**NA**	**dry**				

MONITOR WELL WATER LEVEL
TOMOKA FARMS ROAD LANDFILL

Current month collection date: 5/16/2014

Sampled by: MG

Benzene Remediation Wells

Well ID	Survey (TOC Elevation)	May 2014 Total well depth(TOC)	May 2014 Depth to water	November 2013 Depth to water	May 2013 Depth to water
B76-1		**34.30**	**3.85**	**4.35**	**5.12**
B77-1		**44.50**	**11.30**	**12.80**	**14.9**
B79-1		**43.40**	**7.20**	**8.95**	**12.09**
B81-4		**37.00**	**3.50**	**3.95**	**4.5**
B82-1		**38.65**	**6.85**	**8.00**	**8.34**
B86		**52.25**	**7.45**	**9.00**	**11.27**
B76-6		**49.90**	**7.80**	**9.35**	**11.39**
B79-6		**53.70**	**7.00**	**8.80**	**11.93**
B85-6		**50.00**	**7.10**		
B85-F		**96.00**	**10.20**		
B87-6		**50.00**	**10.20**		
B87-F		**96.00**	**12.70**		

Created by: Jeff Baylor, Project Manager

Report

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

May 30, 2014

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

RE: Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 19, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Jeff Baylor
jeff.baylor@pacelabs.com
Project Manager

Enclosures

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

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

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 Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35138508001	**EQ Blank 5/19/14**	Water	05/19/14 08:20	05/19/14 16:45
35138508002	**B45-1**	Water	05/19/14 09:12	05/19/14 16:45
35138508003	**B45-1 Dup**	Water	05/19/14 09:12	05/19/14 16:45
35138508004	**B45-2**	Water	05/19/14 09:36	05/19/14 16:45
35138508005	**B77-1**	Water	05/19/14 10:30	05/19/14 16:45
35138508006	**B76-6**	Water	05/19/14 11:33	05/19/14 16:45
35138508007	**B76-1**	Water	05/19/14 12:23	05/19/14 16:45
35138508008	**B82-1**	Water	05/19/14 13:12	05/19/14 16:45
35138508009	**B87-F**	Water	05/19/14 14:55	05/19/14 16:45
35138508010	**B87-6**	Water	05/19/14 15:47	05/19/14 16:45
35138508011	**Trip Blank 5/19/14**	Water	05/19/14 00:00	05/19/14 16:45

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

SAMPLE ANALYTE COUNT

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35138508001	**EQ Blank 5/19/14**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508002	**B45-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508003	**B45-1 Dup**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508004	**B45-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508005	**B77-1**	EPA 8011	IRL	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508006	**B76-6**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508007	**B76-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508008	**B82-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508009	**B87-F**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508010	**B87-6**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	CLS	1	PASI-O
35138508011	**Trip Blank 5/19/14**	EPA 8260	SK	50	PASI-O

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PROJECT NARRATIVE

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Date: May 30, 2014

The samples 35138508001 through 010 were reported past the recommended holding time for nitrate due to an instrument issue that delayed the analysis.

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: EQ Blank 5/19/14 **Lab ID: 35138508001** Collected: 05/19/14 08:20 Received: 05/19/14 16:45 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	**0.0055U**	ug/L	0.022	0.0055	1	05/22/14 23:30	05/24/14 07:56	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	05/22/14 23:30	05/24/14 07:56	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:04	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:04	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:04	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:04	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:04	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:04	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:04	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:04	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:04	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:04	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:04	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:04	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:04	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:04	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:04	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:19	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:19	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:13	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 10:48	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:48	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/25/14 10:48	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 10:48	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:48	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:48	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 10:48	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 10:48	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: EQ Blank 5/19/14 **Lab ID: 35138508001** Collected: 05/19/14 08:20 Received: 05/19/14 16:45 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		05/25/14 10:48	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:48	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 10:48	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 10:48	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:48	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 10:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:48	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 10:48	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 10:48	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 10:48	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		05/25/14 10:48	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		05/25/14 10:48	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/25/14 10:48	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/22/14 08:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/23/14 00:53	16887-00-6	J(M1)
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/23/14 00:53	14808-79-8	J(M1)
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/23/14 15:39	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 17:50		Q

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-1 **Lab ID: 35138508002** Collected: 05/19/14 09:12 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.07**	Std. Units			1		05/19/14 09:12		
Field Temperature	**21.90**	deg C			1		05/19/14 09:12		
Appearance	**Color: yellow, Sheen: none**				1		05/19/14 09:12		
Field Specific Conductance	**1466**	umhos/cm			1		05/19/14 09:12		
Oxygen, Dissolved	**0.37**	mg/L			1		05/19/14 09:12	7782-44-7	
REDOX	**-26.5**	mV			1		05/19/14 09:12		
Turbidity	**1.39**	NTU			1		05/19/14 09:12		
Water Level(NGVD)	**24.19**	feet			1		05/19/14 09:12		
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	05/22/14 23:30	05/24/14 08:11	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/22/14 23:30	05/24/14 08:11	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.8 I**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:21	7440-38-2	
Barium	**143**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:21	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:21	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:21	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:21	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:21	7440-48-4	
Copper	**4.0 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:21	7440-50-8	
Iron	**43400**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:21	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:21	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:21	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:21	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:21	7440-22-4	
Sodium	**232**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:21	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:21	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:21	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:23	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:23	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 15:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 15:55	107-13-1	
Benzene	**10.5**	ug/L	1.0	0.10	1		05/25/14 15:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 15:55	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-1 **Lab ID: 35138508002** Collected: 05/19/14 09:12 Received: 05/19/14 16:45 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		05/25/14 15:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 15:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 15:55	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	56-23-5	
Chlorobenzene	**6.1**	ug/L	1.0	0.50	1		05/25/14 15:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 15:55	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 15:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 15:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 15:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 15:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 15:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 15:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 15:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 15:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 15:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 15:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 15:55	75-01-4	
Xylene (Total)	**2.3**	ug/L	1.0	0.50	1		05/25/14 15:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		05/25/14 15:55	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		05/25/14 15:55	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/25/14 15:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-1 **Lab ID: 35138508002** Collected: 05/19/14 09:12 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**970**	mg/L	10.0	10.0	1		05/22/14 08:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**200**	mg/L	25.0	12.5	5		05/22/14 23:22	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 11:48	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.065**	mg/L	0.050	0.020	1		05/23/14 16:08	7664-41-7	J(M1)
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 17:52		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-1 Dup **Lab ID: 35138508003** Collected: 05/19/14 09:12 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.07**	Std. Units			1		05/19/14 09:12		
Field Temperature	**21.90**	deg C			1		05/19/14 09:12		
Appearance	**Color: yellow, Sheen: none**				1		05/19/14 09:12		
Field Specific Conductance	**1466**	umhos/cm			1		05/19/14 09:12		
Oxygen, Dissolved	**0.37**	mg/L			1		05/19/14 09:12	7782-44-7	
REDOX	**-26.5**	mV			1		05/19/14 09:12		
Turbidity	**1.39**	NTU			1		05/19/14 09:12		
Water Level(NGVD)	**24.19**	feet			1		05/19/14 09:12		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0066 I**	ug/L	0.022	0.0053	1	05/22/14 23:30	05/24/14 08:57	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	05/22/14 23:30	05/24/14 08:57	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**7.0 I**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:38	7440-38-2	
Barium	**144**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:38	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:38	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:38	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:38	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:38	7440-48-4	
Copper	**4.0 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:38	7440-50-8	
Iron	**43500**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:38	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:38	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:38	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:38	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:38	7440-22-4	
Sodium	**232**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:38	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:38	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:38	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:37	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:17	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 16:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 16:45	107-13-1	
Benzene	**10.4**	ug/L	1.0	0.10	1		05/25/14 16:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 16:45	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-1 Dup **Lab ID: 35138508003** Collected: 05/19/14 09:12 Received: 05/19/14 16:45 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		05/25/14 16:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 16:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 16:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	56-23-5	
Chlorobenzene	**6.0**	ug/L	1.0	0.50	1		05/25/14 16:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 16:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 16:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 16:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 16:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 16:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 16:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 16:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 16:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 16:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 16:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 16:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 16:45	75-01-4	
Xylene (Total)	**2.3**	ug/L	1.0	0.50	1		05/25/14 16:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		05/25/14 16:45	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		05/25/14 16:45	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/25/14 16:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-1 Dup **Lab ID: 35138508003** Collected: 05/19/14 09:12 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**972**	mg/L	10.0	10.0	1		05/22/14 08:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**196**	mg/L	25.0	12.5	5		05/23/14 01:39	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 12:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.042 I**	mg/L	0.050	0.020	1		05/23/14 15:46	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 17:53		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-2 **Lab ID: 35138508004** Collected: 05/19/14 09:36 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.22**	Std. Units			1		05/19/14 09:36		
Field Temperature	**21.73**	deg C			1		05/19/14 09:36		
Appearance	**Color: yellow, Sheen: none**				1		05/19/14 09:36		
Field Specific Conductance	**555**	umhos/cm			1		05/19/14 09:36		
Oxygen, Dissolved	**0.37**	mg/L			1		05/19/14 09:36	7782-44-7	
REDOX	**40.9**	mV			1		05/19/14 09:36		
Turbidity	**4.60**	NTU			1		05/19/14 09:36		
Water Level(NGVD)	**24.26**	feet			1		05/19/14 09:36		
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	05/22/14 23:30	05/24/14 09:13	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/22/14 23:30	05/24/14 09:13	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:44	7440-38-2	
Barium	**34.5**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:44	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 21:44	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 21:44	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:44	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:44	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:44	7440-50-8	
Iron	**282**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 21:44	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:44	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:44	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 21:44	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:44	7440-22-4	
Sodium	**32.5**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 21:44	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:44	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 21:44	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:40	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:19	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 17:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/25/14 17:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 17:16	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-2 **Lab ID: 35138508004** Collected: 05/19/14 09:36 Received: 05/19/14 16:45 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		05/25/14 17:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 17:16	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 17:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 17:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 17:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 17:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 17:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 17:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		05/25/14 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		05/25/14 17:16	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/25/14 17:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B45-2 **Lab ID: 35138508004** Collected: 05/19/14 09:36 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**469**	mg/L	5.0	5.0	1		05/22/14 08:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**43.3**	mg/L	5.0	2.5	1		05/23/14 01:54	16887-00-6	
Sulfate	**41.2**	mg/L	5.0	2.5	1		05/23/14 01:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/23/14 15:47	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**29.8**	mg/L	0.50	0.29	10		05/22/14 19:30		Q

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B77-1 **Lab ID: 35138508005** Collected: 05/19/14 10:30 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.16**	Std. Units			1		05/19/14 10:30		
Field Temperature	**22.32**	deg C			1		05/19/14 10:30		
Appearance	**Color: yellow, Sheen: none**				1		05/19/14 10:30		
Field Specific Conductance	**1753**	umhos/cm			1		05/19/14 10:30		
Oxygen, Dissolved	**0.22**	mg/L			1		05/19/14 10:30	7782-44-7	
REDOX	**-15.5**	mV			1		05/19/14 10:30		
Turbidity	**0.45**	NTU			1		05/19/14 10:30		
Depth to Water	**44.50**	feet			1		05/19/14 10:30		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0056U**	ug/L	0.023	0.0056	1	05/22/14 23:30	05/24/14 09:43	96-12-8	
1,2-Dibromoethane (EDB)	**0.0071U**	ug/L	0.011	0.0071	1	05/22/14 23:30	05/24/14 09:43	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:47	7440-38-2	
Barium	**115**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:47	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:47	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:47	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:47	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:47	7440-48-4	
Copper	**3.8 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:47	7440-50-8	
Iron	**34800**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:47	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:47	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:47	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:47	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:47	7440-22-4	
Sodium	**140**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:47	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:47	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:47	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:44	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:44	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:26	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 17:41	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:41	107-13-1	
Benzene	**5.5**	ug/L	1.0	0.10	1		05/25/14 17:41	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 17:41	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B77-1 **Lab ID: 35138508005** Collected: 05/19/14 10:30 Received: 05/19/14 16:45 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		05/25/14 17:41	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:41	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:41	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	56-23-5	
Chlorobenzene	**1.8**	ug/L	1.0	0.50	1		05/25/14 17:41	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 17:41	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 17:41	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:41	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 17:41	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 17:41	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:41	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 17:41	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 17:41	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	127-18-4	
Toluene	**0.79 I**	ug/L	1.0	0.50	1		05/25/14 17:41	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 17:41	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 17:41	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 17:41	75-01-4	
Xylene (Total)	**3.3**	ug/L	1.0	0.50	1		05/25/14 17:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		05/25/14 17:41	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		05/25/14 17:41	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/25/14 17:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B77-1 **Lab ID: 35138508005** Collected: 05/19/14 10:30 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1300**	mg/L	10.0	10.0	1		05/22/14 08:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**297**	mg/L	25.0	12.5	5		05/23/14 02:09	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 12:31	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.088**	mg/L	0.050	0.020	1		05/23/14 15:48	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 18:23		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B76-6 **Lab ID: 35138508006** Collected: 05/19/14 11:33 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.19**	Std. Units			1		05/19/14 11:33		
Field Temperature	**23.46**	deg C			1		05/19/14 11:33		
Appearance	**Color: none, Sheen: none**				1		05/19/14 11:33		
Field Specific Conductance	**1764**	umhos/cm			1		05/19/14 11:33		
Oxygen, Dissolved	**0.20**	mg/L			1		05/19/14 11:33	7782-44-7	
REDOX	**-56.2**	mV			1		05/19/14 11:33		
Turbidity	**0.64**	NTU			1		05/19/14 11:33		
Depth to Water	**7.80**	feet			1		05/19/14 11:33		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0055U**	ug/L	0.022	0.0055	1	05/22/14 23:30	05/24/14 09:58	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	05/22/14 23:30	05/24/14 09:58	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:51	7440-38-2	
Barium	**124**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:51	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:51	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:51	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:51	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:51	7440-48-4	
Copper	**3.4 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:51	7440-50-8	
Iron	**33400**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:51	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:51	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:51	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:51	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:51	7440-22-4	
Sodium	**132**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:51	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:51	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:51	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:47	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:47	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:28	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 18:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:07	107-13-1	
Benzene	**11.8**	ug/L	1.0	0.10	1		05/25/14 18:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 18:07	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B76-6 **Lab ID: 35138508006** Collected: 05/19/14 11:33 Received: 05/19/14 16:45 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		05/25/14 18:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	56-23-5	
Chlorobenzene	**2.6**	ug/L	1.0	0.50	1		05/25/14 18:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 18:07	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 18:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 18:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 18:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 18:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 18:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 18:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 18:07	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:07	75-01-4	
Xylene (Total)	**1.8**	ug/L	1.0	0.50	1		05/25/14 18:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		05/25/14 18:07	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		05/25/14 18:07	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/25/14 18:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B76-6 **Lab ID: 35138508006** Collected: 05/19/14 11:33 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1250**	mg/L	10.0	10.0	1		05/22/14 08:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**288**	mg/L	25.0	12.5	5		05/23/14 02:25	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 12:52	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.082**	mg/L	0.050	0.020	1		05/23/14 15:49	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 18:25		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B76-1 **Lab ID: 35138508007** Collected: 05/19/14 12:23 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.90**	Std. Units			1		05/19/14 12:23		
Field Temperature	**23.54**	deg C			1		05/19/14 12:23		
Appearance	**Color: none, Sheen: none**				1		05/19/14 12:23		
Field Specific Conductance	**1658**	umhos/cm			1		05/19/14 12:23		
Oxygen, Dissolved	**0.21**	mg/L			1		05/19/14 12:23	7782-44-7	
REDOX	**-32.9**	mV			1		05/19/14 12:23		
Turbidity	**0.81**	NTU			1		05/19/14 12:23		
Depth to Water	**3.85**	feet			1		05/19/14 12:23		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0055U**	ug/L	0.022	0.0055	1	05/22/14 23:30	05/24/14 10:14	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	05/22/14 23:30	05/24/14 10:14	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.3 I**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:55	7440-38-2	
Barium	**214**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:55	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:55	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:55	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:55	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:55	7440-48-4	
Copper	**5.1**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:55	7440-50-8	
Iron	**55700**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:55	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:55	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:55	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:55	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:55	7440-22-4	
Sodium	**189**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:55	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:55	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:55	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:30	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 18:32	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:32	107-13-1	
Benzene	**21.2**	ug/L	1.0	0.10	1		05/25/14 18:32	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 18:32	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B76-1 **Lab ID: 35138508007** Collected: 05/19/14 12:23 Received: 05/19/14 16:45 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		05/25/14 18:32	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:32	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:32	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	56-23-5	
Chlorobenzene	**4.7**	ug/L	1.0	0.50	1		05/25/14 18:32	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 18:32	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 18:32	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	95-50-1	
1,4-Dichlorobenzene	**0.69 I**	ug/L	1.0	0.50	1		05/25/14 18:32	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:32	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 18:32	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 18:32	10061-02-6	
Ethylbenzene	**0.60 I**	ug/L	1.0	0.50	1		05/25/14 18:32	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:32	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 18:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:32	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 18:32	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	127-18-4	
Toluene	**0.57 I**	ug/L	1.0	0.50	1		05/25/14 18:32	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 18:32	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 18:32	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:32	75-01-4	
Xylene (Total)	**3.1**	ug/L	1.0	0.50	1		05/25/14 18:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		05/25/14 18:32	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		05/25/14 18:32	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/25/14 18:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B76-1 **Lab ID: 35138508007** Collected: 05/19/14 12:23 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1100**	mg/L	10.0	10.0	1		05/22/14 08:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**326**	mg/L	25.0	12.5	5		05/23/14 02:40	16887-00-6	
Sulfate	**12.5U**	mg/L	25.0	12.5	5		05/23/14 02:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.069**	mg/L	0.050	0.020	1		05/23/14 15:50	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 18:29		

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B82-1 **Lab ID: 35138508008** Collected: 05/19/14 13:12 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.23**	Std. Units			1		05/19/14 13:12		
Field Temperature	**24.24**	deg C			1		05/19/14 13:12		
Appearance	**Color: none, Sheen: none**				1		05/19/14 13:12		
Field Specific Conductance	**400**	umhos/cm			1		05/19/14 13:12		
Oxygen, Dissolved	**0.20**	mg/L			1		05/19/14 13:12	7782-44-7	
REDOX	**-36.1**	mV			1		05/19/14 13:12		
Turbidity	**2.33**	NTU			1		05/19/14 13:12		
Depth to Water	**6.85**	feet			1		05/19/14 13:12		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	05/22/14 23:30	05/24/14 10:29	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	05/22/14 23:30	05/24/14 10:29	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:59	7440-38-2	
Barium	**41.6**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:59	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:59	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:59	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:59	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:59	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:59	7440-50-8	
Iron	**11000**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 21:59	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:59	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:59	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 21:59	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 21:59	7440-22-4	
Sodium	**13.8**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 21:59	7440-23-5	
Vanadium	**5.8 I**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 21:59	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 21:59	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:54	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:54	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:32	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 18:58	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:58	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/25/14 18:58	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 18:58	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B82-1 **Lab ID: 35138508008** Collected: 05/19/14 13:12 Received: 05/19/14 16:45 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		05/25/14 18:58	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:58	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:58	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 18:58	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 18:58	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:58	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 18:58	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 18:58	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:58	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 18:58	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 18:58	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 18:58	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 18:58	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/14 18:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		05/25/14 18:58	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		05/25/14 18:58	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/25/14 18:58	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B82-1 **Lab ID: 35138508008** Collected: 05/19/14 13:12 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**300**	mg/L	5.0	5.0	1		05/22/14 08:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**43.4**	mg/L	5.0	2.5	1		05/23/14 02:55	16887-00-6	
Sulfate	**37.0**	mg/L	5.0	2.5	1		05/23/14 02:55	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.082**	mg/L	0.050	0.020	1		05/23/14 15:51	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 18:30		Q

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B87-F **Lab ID: 35138508009** Collected: 05/19/14 14:55 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.08**	Std. Units			1		05/19/14 14:55		
Field Temperature	**23.20**	deg C			1		05/19/14 14:55		
Appearance	**Color: none, Sheen: none**				1		05/19/14 14:55		
Field Specific Conductance	**607**	umhos/cm			1		05/19/14 14:55		
Oxygen, Dissolved	**0.20**	mg/L			1		05/19/14 14:55	7782-44-7	
REDOX	**-63.3**	mV			1		05/19/14 14:55		
Turbidity	**0.11**	NTU			1		05/19/14 14:55		
Depth to Water	**12.70**	feet			1		05/19/14 14:55		
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	05/22/14 23:30	05/24/14 10:45	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/22/14 23:30	05/24/14 10:45	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:48	7440-38-2	
Barium	**18.5**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 21:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 21:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:48	7440-50-8	
Iron	**177**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 21:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 21:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 21:48	7440-22-4	
Sodium	**27.0**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 21:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 21:48	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 21:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:57	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 13:57	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:34	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 19:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 19:23	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/25/14 19:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 19:23	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B87-F **Lab ID: 35138508009** Collected: 05/19/14 14:55 Received: 05/19/14 16:45 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		05/25/14 19:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 19:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 19:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 19:23	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 19:23	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 19:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 19:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 19:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 19:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 19:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 19:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 19:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 19:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 19:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/14 19:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		05/25/14 19:23	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		05/25/14 19:23	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/25/14 19:23	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B87-F **Lab ID: 35138508009** Collected: 05/19/14 14:55 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**370**	mg/L	5.0	5.0	1		05/22/14 08:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**38.9**	mg/L	5.0	2.5	1		05/23/14 03:41	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/23/14 03:41	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.33**	mg/L	0.050	0.020	1		05/23/14 15:54	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 18:31		Q

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B87-6 **Lab ID: 35138508010** Collected: 05/19/14 15:47 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.79**	Std. Units			1		05/19/14 15:47		
Field Temperature	**23.08**	deg C			1		05/19/14 15:47		
Appearance	**Color: none, Sheen: none**				1		05/19/14 15:47		
Field Specific Conductance	**544**	umhos/cm			1		05/19/14 15:47		
Oxygen, Dissolved	**0.23**	mg/L			1		05/19/14 15:47	7782-44-7	
REDOX	**-102.5**	mV			1		05/19/14 15:47		
Turbidity	**0.87**	NTU			1		05/19/14 15:47		
Depth to Water	**10.20**	feet			1		05/19/14 15:47		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	05/22/14 23:30	05/24/14 11:00	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	05/22/14 23:30	05/24/14 11:00	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 22:29	7440-38-2	
Barium	**25.4**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 22:29	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 22:29	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/23/14 22:29	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 22:29	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 22:29	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 22:29	7440-50-8	
Iron	**2930**	ug/L	40.0	20.0	1	05/23/14 03:20	05/23/14 22:29	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 22:29	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 22:29	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/23/14 22:29	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/23/14 22:29	7440-22-4	
Sodium	**23.9**	mg/L	1.0	0.50	1	05/23/14 03:20	05/23/14 22:29	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/23/14 22:29	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/23/14 22:29	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 14:01	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/27/14 14:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/23/14 14:47	05/24/14 09:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/25/14 11:30	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 11:30	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/25/14 11:30	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 11:30	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B87-6 **Lab ID: 35138508010** Collected: 05/19/14 15:47 Received: 05/19/14 16:45 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		05/25/14 11:30	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 11:30	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 11:30	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 11:30	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 11:30	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 11:30	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 11:30	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 11:30	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 11:30	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 11:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 11:30	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 11:30	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 11:30	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 11:30	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/25/14 11:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-114		1		05/25/14 11:30	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		05/25/14 11:30	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/25/14 11:30	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: B87-6 **Lab ID: 35138508010** Collected: 05/19/14 15:47 Received: 05/19/14 16:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**357**	mg/L	5.0	5.0	1		05/22/14 08:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**28.1**	mg/L	5.0	2.5	1		05/23/14 03:56	16887-00-6	
Sulfate	**22.0**	mg/L	5.0	2.5	1		05/23/14 03:56	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.073**	mg/L	0.050	0.020	1		05/23/14 15:55	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.029U**	mg/L	0.050	0.029	1		05/22/14 18:32		Q

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: Trip Blank 5/19/14 **Lab ID: 35138508011** Collected: 05/19/14 00:00 Received: 05/19/14 16:45 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		05/25/14 10:40	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:40	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/25/14 10:40	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/25/14 10:40	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:40	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:40	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/25/14 10:40	74-87-3	L3
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/25/14 10:40	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/25/14 10:40	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:40	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 10:40	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/25/14 10:40	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:40	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/25/14 10:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/25/14 10:40	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/25/14 10:40	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/25/14 10:40	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/25/14 10:40	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/25/14 10:40	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Sample: Trip Blank 5/19/14 **Lab ID: 35138508011** Collected: 05/19/14 00:00 Received: 05/19/14 16:45 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		05/25/14 10:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-114		1		05/25/14 10:40	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	86-125		1		05/25/14 10:40	17060-07-0	
Toluene-d8 (S)	97	%	87-113		1		05/25/14 10:40	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

QC Batch: MERP/4657 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 911024 Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/24/14 08:36	

LABORATORY CONTROL SAMPLE: 911025

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 911026 911027

Parameter	Units	35137589001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	2.0	2.0	100	100	80-120	0	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 Benzene Remediation
Pace Project No.: 35138508

QC Batch: MPRP/18620 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 909615 Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	05/24/14 21:31	
Barium	ug/L	5.0U	10.0	05/24/14 21:31	
Beryllium	ug/L	0.50U	1.0	05/24/14 21:31	
Cadmium	ug/L	0.50U	1.0	05/24/14 21:31	
Chromium	ug/L	2.5U	5.0	05/24/14 21:31	
Cobalt	ug/L	5.0U	10.0	05/24/14 21:31	
Copper	ug/L	2.5U	5.0	05/24/14 21:31	
Iron	ug/L	20.0U	40.0	05/24/14 21:31	
Lead	ug/L	5.0U	10.0	05/24/14 21:31	
Nickel	ug/L	2.5U	5.0	05/24/14 21:31	
Selenium	ug/L	7.5U	15.0	05/24/14 21:31	
Silver	ug/L	2.5U	5.0	05/24/14 21:31	
Sodium	mg/L	0.50U	1.0	05/24/14 21:31	
Vanadium	ug/L	5.0U	10.0	05/24/14 21:31	
Zinc	ug/L	10.0U	20.0	05/24/14 21:31	

LABORATORY CONTROL SAMPLE: 909616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	254	102	80-120	
Barium	ug/L	250	268	107	80-120	
Beryllium	ug/L	25	26.0	104	80-120	
Cadmium	ug/L	25	26.3	105	80-120	
Chromium	ug/L	250	269	108	80-120	
Cobalt	ug/L	250	264	106	80-120	
Copper	ug/L	250	257	103	80-120	
Iron	ug/L	2500	2620	105	80-120	
Lead	ug/L	250	258	103	80-120	
Nickel	ug/L	250	264	106	80-120	
Selenium	ug/L	250	269	107	80-120	
Silver	ug/L	25	26.7	107	80-120	
Sodium	mg/L	12.5	13.1	104	80-120	
Vanadium	ug/L	250	261	104	80-120	
Zinc	ug/L	1250	1300	104	80-120	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909617 909618

Parameter	Units	35138138001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	<5.0	250	250	256	259	102	103	75-125	1	20	
Barium	ug/L	9.4 I	250	250	277	280	107	108	75-125	1	20	
Beryllium	ug/L	<0.50	25	25	26.0	26.7	104	106	75-125	3	20	
Cadmium	ug/L	<0.50	25	25	25.8	26.1	103	104	75-125	1	20	
Chromium	ug/L	<2.5	250	250	269	270	107	108	75-125	.4	20	
Cobalt	ug/L	<5.0	250	250	264	266	105	106	75-125	.8	20	
Copper	ug/L	<2.5	250	250	267	271	106	108	75-125	2	20	
Iron	ug/L	32.8 I	2500	2500	2620	2670	103	105	75-125	2	20	
Lead	ug/L	<5.0	250	250	259	261	104	104	75-125	.9	20	
Nickel	ug/L	<2.5	250	250	263	264	105	106	75-125	.5	20	
Selenium	ug/L	<7.5	250	250	262	265	105	106	75-125	.9	20	
Silver	ug/L	<2.5	25	25	27.1	27.0	108	108	75-125	.1	20	
Sodium	mg/L	32.5	12.5	12.5	44.4	44.7	95	98	75-125	.8	20	
Vanadium	ug/L	<5.0	250	250	264	265	105	106	75-125	.4	20	
Zinc	ug/L	<10.0	1250	1250	1300	1320	104	105	75-125	1	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

QC Batch: MPRP/18621 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 909619 Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	05/27/14 12:31	
Thallium	ug/L	0.50U	1.0	05/27/14 12:31	

LABORATORY CONTROL SAMPLE: 909620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	45.4	91	80-120	
Thallium	ug/L	50	46.3	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909621 909622

Parameter	Units	35138138002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	<0.50	50	50	44.0	43.9	88	87	75-125	.2	20	
Thallium	ug/L	<0.50	50	50	48.0	48.3	96	97	75-125	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

QC Batch: MSV/11779 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009

METHOD BLANK: 912268 Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/25/14 10:23	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/25/14 10:23	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/25/14 10:23	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/25/14 10:23	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/25/14 10:23	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/25/14 10:23	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/25/14 10:23	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/25/14 10:23	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/25/14 10:23	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/25/14 10:23	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/25/14 10:23	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/25/14 10:23	
2-Hexanone	ug/L	5.0U	10.0	05/25/14 10:23	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/25/14 10:23	
Acetone	ug/L	10.0U	20.0	05/25/14 10:23	
Acrylonitrile	ug/L	5.0U	10.0	05/25/14 10:23	
Benzene	ug/L	0.10U	1.0	05/25/14 10:23	
Bromochloromethane	ug/L	0.50U	1.0	05/25/14 10:23	
Bromodichloromethane	ug/L	0.27U	0.60	05/25/14 10:23	
Bromoform	ug/L	0.50U	1.0	05/25/14 10:23	
Bromomethane	ug/L	0.50U	1.0	05/25/14 10:23	
Carbon disulfide	ug/L	5.0U	10.0	05/25/14 10:23	
Carbon tetrachloride	ug/L	0.50U	1.0	05/25/14 10:23	
Chlorobenzene	ug/L	0.50U	1.0	05/25/14 10:23	
Chloroethane	ug/L	0.50U	1.0	05/25/14 10:23	
Chloroform	ug/L	0.50U	1.0	05/25/14 10:23	
Chloromethane	ug/L	0.62U	1.0	05/25/14 10:23	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/25/14 10:23	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/25/14 10:23	
Dibromochloromethane	ug/L	0.26U	0.50	05/25/14 10:23	
Dibromomethane	ug/L	0.50U	1.0	05/25/14 10:23	
Ethylbenzene	ug/L	0.50U	1.0	05/25/14 10:23	
Iodomethane	ug/L	0.50U	1.0	05/25/14 10:23	
Methylene Chloride	ug/L	2.5U	5.0	05/25/14 10:23	
Styrene	ug/L	0.50U	1.0	05/25/14 10:23	
Tetrachloroethene	ug/L	0.50U	1.0	05/25/14 10:23	
Toluene	ug/L	0.50U	1.0	05/25/14 10:23	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/25/14 10:23	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/25/14 10:23	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/25/14 10:23	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

METHOD BLANK: 912268 Matrix: Water

Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50U	1.0	05/25/14 10:23	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/25/14 10:23	
Vinyl acetate	ug/L	1.0U	2.0	05/25/14 10:23	
Vinyl chloride	ug/L	0.50U	1.0	05/25/14 10:23	
Xylene (Total)	ug/L	0.50U	1.0	05/25/14 10:23	
1,2-Dichloroethane-d4 (S)	%	98	86-125	05/25/14 10:23	
4-Bromofluorobenzene (S)	%	100	70-114	05/25/14 10:23	
Toluene-d8 (S)	%	99	87-113	05/25/14 10:23	

LABORATORY CONTROL SAMPLE: 912269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.5	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.2	101	70-130	
1,1,2-Trichloroethane	ug/L	20	19.7	98	70-130	
1,1-Dichloroethane	ug/L	20	19.9	100	70-130	
1,1-Dichloroethene	ug/L	20	19.4	97	70-130	
1,2,3-Trichloropropane	ug/L	20	17.2	86	70-130	
1,2-Dichlorobenzene	ug/L	20	19.5	97	70-130	
1,2-Dichloroethane	ug/L	20	18.3	92	70-130	
1,2-Dichloropropane	ug/L	20	16.9	84	70-130	
1,4-Dichlorobenzene	ug/L	20	19.6	98	70-130	
2-Butanone (MEK)	ug/L	40	44.3	111	55-167	
2-Hexanone	ug/L	40	39.6	99	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.3	98	70-130	
Acetone	ug/L	40	45.8	114	40-150	
Acrylonitrile	ug/L	200	208	104	70-130	
Benzene	ug/L	20	20.0	100	70-130	
Bromochloromethane	ug/L	20	22.3	112	70-130	
Bromodichloromethane	ug/L	20	18.9	94	70-130	
Bromoform	ug/L	20	19.8	99	68-130	
Bromomethane	ug/L	20	27.6	138	38-179	
Carbon disulfide	ug/L	20	24.1	120	51-155	
Carbon tetrachloride	ug/L	20	19.9	100	70-130	
Chlorobenzene	ug/L	20	19.8	99	70-130	
Chloroethane	ug/L	20	18.4	92	59-149	
Chloroform	ug/L	20	19.5	97	70-130	
Chloromethane	ug/L	20	24.4	122	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.2	86	70-130	
Dibromochloromethane	ug/L	20	20.6	103	70-130	
Dibromomethane	ug/L	20	20.2	101	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

LABORATORY CONTROL SAMPLE: 912269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.6	98	70-130	
Iodomethane	ug/L	40	40.6	101	43-160	
Methylene Chloride	ug/L	20	19.1	96	70-130	
Styrene	ug/L	20	19.3	97	70-130	
Tetrachloroethene	ug/L	20	17.5	88	66-133	
Toluene	ug/L	20	19.7	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.4	102	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.7	88	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.8	109	65-130	
Trichloroethene	ug/L	20	19.7	99	70-130	
Trichlorofluoromethane	ug/L	20	20.2	101	70-131	
Vinyl acetate	ug/L	20	20.3	102	69-135	
Vinyl chloride	ug/L	20	22.4	112	69-140	
Xylene (Total)	ug/L	60	58.6	98	70-130	
1,2-Dichloroethane-d4 (S)	%			91	86-125	
4-Bromofluorobenzene (S)	%			104	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 912728

Parameter	Units	35138508003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	22.0	110	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	23.0	115	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	22.9	115	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.5	107	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	22.7	114	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	22.5	113	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	19.1	95	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	21.6	108	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	20.9	104	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.1	95	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	21.6	107	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	40.5	101	48-138	
2-Hexanone	ug/L	5.0U	40	38.2	95	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	37.4	94	28-143	
Acetone	ug/L	10.0U	40	47.8	103	20-140	
Acrylonitrile	ug/L	5.0U	200	201	101	46-130	
Benzene	ug/L	10.4	20	33.4	115	53-132	
Bromochloromethane	ug/L	0.50U	20	23.3	116	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.9	105	46-130	
Bromoform	ug/L	0.50U	20	19.0	95	32-130	
Bromomethane	ug/L	0.50U	20	13.6	68	20-152	
Carbon disulfide	ug/L	5.0U	20	22.6	113	28-184	
Carbon tetrachloride	ug/L	0.50U	20	23.0	115	37-137	
Chlorobenzene	ug/L	6.0	20	27.8	109	46-130	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

MATRIX SPIKE SAMPLE: 912728

Parameter	Units	35138508003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	0.50U	20	24.0	120	48-159	
Chloroform	ug/L	0.50U	20	22.5	113	51-130	
Chloromethane	ug/L	0.62U	20	19.7	99	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	22.1	111	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.8	89	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.9	105	43-130	
Dibromomethane	ug/L	0.50U	20	20.7	104	50-130	
Ethylbenzene	ug/L	0.50U	20	22.4	112	43-130	
Iodomethane	ug/L	0.50U	40	36.1	90	20-169	
Methylene Chloride	ug/L	2.5U	20	21.6	108	51-135	
Styrene	ug/L	0.50U	20	21.4	107	40-130	
Tetrachloroethene	ug/L	0.50U	20	19.0	95	26-130	
Toluene	ug/L	0.50U	20	22.8	112	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.2	106	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	17.8	89	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	17.7	89	20-139	
Trichloroethene	ug/L	0.50U	20	22.7	113	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	24.7	123	46-146	
Vinyl acetate	ug/L	1.0U	20	15.9	80	20-165	
Vinyl chloride	ug/L	0.50U	20	24.9	125	57-142	
Xylene (Total)	ug/L	2.3	60	67.9	109	42-130	
1,2-Dichloroethane-d4 (S)	%				92	86-125	
4-Bromofluorobenzene (S)	%				97	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 912727

Parameter	Units	35138508002 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	10.5	10.5	.3	40	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

SAMPLE DUPLICATE: 912727

Parameter	Units	35138508002 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	6.1	6.0	.8	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	2.3	2.3	2	40	
1,2-Dichloroethane-d4 (S)	%	100	99	.5		
4-Bromofluorobenzene (S)	%	93	93	.8		
Toluene-d8 (S)	%	98	99	.3		

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Pace Analytical Services, Inc.
8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

QC Batch: MSV/11780 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Associated Lab Samples: 35138508010, 35138508011

METHOD BLANK: 912270 | Matrix: Water
Associated Lab Samples: 35138508010, 35138508011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/25/14 10:15	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/25/14 10:15	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/25/14 10:15	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/25/14 10:15	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/25/14 10:15	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/25/14 10:15	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/25/14 10:15	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/25/14 10:15	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/25/14 10:15	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/25/14 10:15	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/25/14 10:15	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/25/14 10:15	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/25/14 10:15	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/25/14 10:15	
2-Hexanone	ug/L	5.0U	10.0	05/25/14 10:15	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/25/14 10:15	
Acetone	ug/L	10.0U	20.0	05/25/14 10:15	
Acrylonitrile	ug/L	5.0U	10.0	05/25/14 10:15	
Benzene	ug/L	0.10U	1.0	05/25/14 10:15	
Bromochloromethane	ug/L	0.50U	1.0	05/25/14 10:15	
Bromodichloromethane	ug/L	0.27U	0.60	05/25/14 10:15	
Bromoform	ug/L	0.50U	1.0	05/25/14 10:15	
Bromomethane	ug/L	0.50U	1.0	05/25/14 10:15	
Carbon disulfide	ug/L	5.0U	10.0	05/25/14 10:15	
Carbon tetrachloride	ug/L	0.50U	1.0	05/25/14 10:15	
Chlorobenzene	ug/L	0.50U	1.0	05/25/14 10:15	
Chloroethane	ug/L	0.50U	1.0	05/25/14 10:15	
Chloroform	ug/L	0.50U	1.0	05/25/14 10:15	
Chloromethane	ug/L	0.62U	1.0	05/25/14 10:15	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/25/14 10:15	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/25/14 10:15	
Dibromochloromethane	ug/L	0.26U	0.50	05/25/14 10:15	
Dibromomethane	ug/L	0.50U	1.0	05/25/14 10:15	
Ethylbenzene	ug/L	0.50U	1.0	05/25/14 10:15	
Iodomethane	ug/L	0.50U	1.0	05/25/14 10:15	
Methylene Chloride	ug/L	2.5U	5.0	05/25/14 10:15	
Styrene	ug/L	0.50U	1.0	05/25/14 10:15	
Tetrachloroethene	ug/L	0.50U	1.0	05/25/14 10:15	
Toluene	ug/L	0.50U	1.0	05/25/14 10:15	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/25/14 10:15	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/25/14 10:15	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

METHOD BLANK: 912270 Matrix: Water
Associated Lab Samples: 35138508010, 35138508011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/25/14 10:15	
Trichloroethene	ug/L	0.50U	1.0	05/25/14 10:15	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/25/14 10:15	
Vinyl acetate	ug/L	1.0U	2.0	05/25/14 10:15	
Vinyl chloride	ug/L	0.50U	1.0	05/25/14 10:15	
Xylene (Total)	ug/L	0.50U	1.0	05/25/14 10:15	
1,2-Dichloroethane-d4 (S)	%	93	86-125	05/25/14 10:15	
4-Bromofluorobenzene (S)	%	97	70-114	05/25/14 10:15	
Toluene-d8 (S)	%	97	87-113	05/25/14 10:15	

LABORATORY CONTROL SAMPLE: 912271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.4	102	70-130	
1,1,1-Trichloroethane	ug/L	20	17.4	87	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	16.8	84	70-130	
1,1,2-Trichloroethane	ug/L	20	19.7	98	70-130	
1,1-Dichloroethane	ug/L	20	16.8	84	70-130	
1,1-Dichloroethene	ug/L	20	17.3	87	70-130	
1,2,3-Trichloropropane	ug/L	20	14.6	73	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.8	94	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.9	104	70-130	
1,2-Dichlorobenzene	ug/L	20	18.9	94	70-130	
1,2-Dichloroethane	ug/L	20	16.2	81	70-130	
1,2-Dichloropropane	ug/L	20	15.0	75	70-130	
1,4-Dichlorobenzene	ug/L	20	18.9	94	70-130	
2-Butanone (MEK)	ug/L	40	33.4	84	55-167	
2-Hexanone	ug/L	40	31.2	78	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	31.7	79	70-130	
Acetone	ug/L	40	39.4	98	40-150	
Acrylonitrile	ug/L	200	152	76	70-130	
Benzene	ug/L	20	18.7	94	70-130	
Bromochloromethane	ug/L	20	20.4	102	70-130	
Bromodichloromethane	ug/L	20	17.5	87	70-130	
Bromoform	ug/L	20	19.5	97	68-130	
Bromomethane	ug/L	20	24.1	121	38-179	
Carbon disulfide	ug/L	20	23.2	116	51-155	
Carbon tetrachloride	ug/L	20	18.6	93	70-130	
Chlorobenzene	ug/L	20	20.1	101	70-130	
Chloroethane	ug/L	20	20.2	101	59-149	
Chloroform	ug/L	20	18.1	90	70-130	
Chloromethane	ug/L	20	28.2	141	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	17.4	87	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.0	85	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

LABORATORY CONTROL SAMPLE: 912271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	19.8	99	70-130	
Dibromomethane	ug/L	20	19.2	96	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Iodomethane	ug/L	40	54.2	135	43-160	
Methylene Chloride	ug/L	20	18.6	93	70-130	
Styrene	ug/L	20	20.1	100	70-130	
Tetrachloroethene	ug/L	20	19.0	95	66-133	
Toluene	ug/L	20	20.5	103	70-130	
trans-1,2-Dichloroethene	ug/L	20	16.0	80	70-130	
trans-1,3-Dichloropropene	ug/L	20	15.6	78	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	19.2	96	65-130	
Trichloroethene	ug/L	20	19.4	97	70-130	
Trichlorofluoromethane	ug/L	20	18.5	92	70-131	
Vinyl acetate	ug/L	20	15.2	76	69-135	
Vinyl chloride	ug/L	20	18.6	93	69-140	
Xylene (Total)	ug/L	60	59.7	100	70-130	
1,2-Dichloroethane-d4 (S)	%			82	86-125	J(S0)
4-Bromofluorobenzene (S)	%			107	70-114	
Toluene-d8 (S)	%			96	87-113	

MATRIX SPIKE SAMPLE: 912843

Parameter	Units	35138843002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	22.9	114	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	22.1	111	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	17.7	89	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.8	99	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.2	96	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	23.0	115	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	14.2	71	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	17.8	89	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	21.1	105	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.0	90	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.1	96	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	16.6	83	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.1	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	39.1	98	48-138	
2-Hexanone	ug/L	5.0U	40	35.2	88	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	33.8	85	28-143	
Acetone	ug/L	10.0U	40	42.7	107	20-140	
Acrylonitrile	ug/L	5.0U	200	155	78	46-130	
Benzene	ug/L	0.10U	20	21.1	105	53-132	
Bromochloromethane	ug/L	0.50U	20	23.7	118	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.9	104	46-130	
Bromoform	ug/L	0.50U	20	19.3	96	32-130	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

MATRIX SPIKE SAMPLE: 912843

Parameter	Units	35138843002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	18.4	92	20-152	
Carbon disulfide	ug/L	5.0U	20	24.8	118	28-184	
Carbon tetrachloride	ug/L	0.50U	20	23.0	115	37-137	
Chlorobenzene	ug/L	0.50U	20	22.8	114	46-130	
Chloroethane	ug/L	0.50U	20	20.0	100	48-159	
Chloroform	ug/L	0.50U	20	21.0	105	51-130	
Chloromethane	ug/L	0.62U	20	27.6	138	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.9	100	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	16.8	84	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.4	107	43-130	
Dibromomethane	ug/L	0.50U	20	21.3	107	50-130	
Ethylbenzene	ug/L	0.50U	20	21.9	109	43-130	
Iodomethane	ug/L	0.50U	40	49.5	124	20-169	
Methylene Chloride	ug/L	2.5U	20	21.4	107	51-135	
Styrene	ug/L	0.50U	20	21.6	108	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.7	103	26-130	
Toluene	ug/L	0.50U	20	22.1	110	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.9	100	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	16.0	80	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.2	66	20-139	
Trichloroethene	ug/L	0.50U	20	22.5	112	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	24.4	122	46-146	
Vinyl acetate	ug/L	1.0U	20	16.1	80	20-165	
Vinyl chloride	ug/L	0.50U	20	20.7	104	57-142	
Xylene (Total)	ug/L	0.50U	60	65.9	110	42-130	
1,2-Dichloroethane-d4 (S)	%				85	86-125	J(S0)
4-Bromofluorobenzene (S)	%				107	70-114	
Toluene-d8 (S)	%				98	87-113	

SAMPLE DUPLICATE: 912842

Parameter	Units	35138843001 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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(386)672-5668

QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

SAMPLE DUPLICATE: 912842

Parameter	Units	35138843001 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)	%	89	95	7		
4-Bromofluorobenzene (S)	%	110	104	5		
Toluene-d8 (S)	%	96	101	5		

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

QC Batch: OEXT/17428 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 909995 Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/24/14 07:25	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/24/14 07:25	

LABORATORY CONTROL SAMPLE: 909996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.20	79	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.22	88	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909997 909998

Parameter	Units	35138508002 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	0.45	0.51	102	116	60-140	12	40	
1,2-Dibromoethane (EDB)	ug/L	0.0066 U	.44	.44	0.56	0.59	128	136	60-140	6	40	

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QUALITY CONTROL DATA

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

QC Batch: WET/25106 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 909085 | Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/22/14 08:37	

LABORATORY CONTROL SAMPLE: 909086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	298	99	90-110	

SAMPLE DUPLICATE: 909151

Parameter	Units	35138508002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	970	952	2	20	

SAMPLE DUPLICATE: 909152

Parameter	Units	35138508003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	972	960	1	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 Benzene Remediation
Pace Project No.: 35138508

QC Batch: WETA/36016 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 907034 Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/23/14 00:23	
Sulfate	mg/L	2.5U	5.0	05/23/14 00:23	

LABORATORY CONTROL SAMPLE: 907035

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.6	101	90-110	
Sulfate	mg/L	50	50.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 907036 907037

Parameter	Units	35138508001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.5U	50	50	43.6	50.6	87	101	90-110	15	20	J(M1)
Sulfate	mg/L	2.5U	50	50	41.6	49.8	83	99	90-110	18	20	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 907038 907039

Parameter	Units	35138508008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	43.4	50	50	95.5	96.2	104	106	90-110	.7	20	
Sulfate	mg/L	37.0	50	50	89.0	89.6	104	105	90-110	.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 Benzene Remediation
Pace Project No.: 35138508

QC Batch: WETA/36116 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35138508001

METHOD BLANK: 910730 | Matrix: Water
Associated Lab Samples: 35138508001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/23/14 15:13	

LABORATORY CONTROL SAMPLE: 910731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.96	96	90-110	

MATRIX SPIKE SAMPLE: 910733

Parameter	Units	35137597008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	0.98	97	90-110	

SAMPLE DUPLICATE: 910732

Parameter	Units	35137597008 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		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 Benzene Remediation
Pace Project No.: 35138508

QC Batch: WETA/36117 | Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 | Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 910736 | Matrix: Water
Associated Lab Samples: 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/23/14 15:40	

LABORATORY CONTROL SAMPLE: 910737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.96	96	90-110	

MATRIX SPIKE SAMPLE: 910739

Parameter	Units	35138508002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.065	1	0.86	80	90-110	J(M1)

SAMPLE DUPLICATE: 910738

Parameter	Units	35138508002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.065	0.060	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 Benzene Remediation
Pace Project No.: 35138508

QC Batch: WETA/36210 | Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 | Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

METHOD BLANK: 913384 | Matrix: Water
Associated Lab Samples: 35138508001, 35138508002, 35138508003, 35138508004, 35138508005, 35138508006, 35138508007, 35138508008, 35138508009, 35138508010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.029U	0.050	05/22/14 15:58	

LABORATORY CONTROL SAMPLE: 913385

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1	0.94	94	90-110	

MATRIX SPIKE SAMPLE: 913390

Parameter	Units	35138481001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	0.029U	1	0.81	81	90-110	J(M1),Q

MATRIX SPIKE SAMPLE: 913393

Parameter	Units	35138508006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	0.029U	1	1.6	158	90-110	Q

SAMPLE DUPLICATE: 913389

Parameter	Units	35138481001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.029U	0.029U			Q

SAMPLE DUPLICATE: 913392

Parameter	Units	35138508006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.029U	0.029U			Q

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 Benzene Remediation
Pace Project No.: 35138508

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

BATCH QUALIFIERS

Batch: WETA/36116

[1]	Samples were not distilled

Batch: WETA/36117

[1]	Samples were not distilled

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J(L0)	Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC 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.
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.
Q	Sample held beyond the accepted holding time.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35138508002	**B45-1**		FLD/		
35138508003	**B45-1 Dup**		FLD/		
35138508004	**B45-2**		FLD/		
35138508005	**B77-1**		FLD/		
35138508006	**B76-6**		FLD/		
35138508007	**B76-1**		FLD/		
35138508008	**B82-1**		FLD/		
35138508009	**B87-F**		FLD/		
35138508010	**B87-6**		FLD/		
35138508001	**EQ Blank 5/19/14**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508002	**B45-1**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508003	**B45-1 Dup**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508004	**B45-2**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508005	**B77-1**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508006	**B76-6**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508007	**B76-1**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508008	**B82-1**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508009	**B87-F**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508010	**B87-6**	EPA 8011	OEXT/17428	EPA 8011	GCSV/11404
35138508001	**EQ Blank 5/19/14**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508002	**B45-1**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508003	**B45-1 Dup**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508004	**B45-2**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508005	**B77-1**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508006	**B76-6**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508007	**B76-1**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508008	**B82-1**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508009	**B87-F**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508010	**B87-6**	EPA 3010	MPRP/18620	EPA 6010	ICP/11514
35138508001	**EQ Blank 5/19/14**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508002	**B45-1**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508003	**B45-1 Dup**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508004	**B45-2**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508005	**B77-1**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508006	**B76-6**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508007	**B76-1**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508008	**B82-1**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508009	**B87-F**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508010	**B87-6**	EPA 3010	MPRP/18621	EPA 6020	ICPM/7527
35138508001	**EQ Blank 5/19/14**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508002	**B45-1**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508003	**B45-1 Dup**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508004	**B45-2**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508005	**B77-1**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508006	**B76-6**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508007	**B76-1**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508008	**B82-1**	EPA 7470	MERP/4657	EPA 7470	MERC/4654

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35138508009	**B87-F**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508010	**B87-6**	EPA 7470	MERP/4657	EPA 7470	MERC/4654
35138508001	**EQ Blank 5/19/14**	EPA 8260	MSV/11779		
35138508002	**B45-1**	EPA 8260	MSV/11779		
35138508003	**B45-1 Dup**	EPA 8260	MSV/11779		
35138508004	**B45-2**	EPA 8260	MSV/11779		
35138508005	**B77-1**	EPA 8260	MSV/11779		
35138508006	**B76-6**	EPA 8260	MSV/11779		
35138508007	**B76-1**	EPA 8260	MSV/11779		
35138508008	**B82-1**	EPA 8260	MSV/11779		
35138508009	**B87-F**	EPA 8260	MSV/11779		
35138508010	**B87-6**	EPA 8260	MSV/11780		
35138508011	**Trip Blank 5/19/14**	EPA 8260	MSV/11780		
35138508001	**EQ Blank 5/19/14**	SM 2540C	WET/25106		
35138508002	**B45-1**	SM 2540C	WET/25106		
35138508003	**B45-1 Dup**	SM 2540C	WET/25106		
35138508004	**B45-2**	SM 2540C	WET/25106		
35138508005	**B77-1**	SM 2540C	WET/25106		
35138508006	**B76-6**	SM 2540C	WET/25106		
35138508007	**B76-1**	SM 2540C	WET/25106		
35138508008	**B82-1**	SM 2540C	WET/25106		
35138508009	**B87-F**	SM 2540C	WET/25106		
35138508010	**B87-6**	SM 2540C	WET/25106		
35138508001	**EQ Blank 5/19/14**	EPA 300.0	WETA/36016		
35138508002	**B45-1**	EPA 300.0	WETA/36016		
35138508003	**B45-1 Dup**	EPA 300.0	WETA/36016		
35138508004	**B45-2**	EPA 300.0	WETA/36016		
35138508005	**B77-1**	EPA 300.0	WETA/36016		
35138508006	**B76-6**	EPA 300.0	WETA/36016		
35138508007	**B76-1**	EPA 300.0	WETA/36016		
35138508008	**B82-1**	EPA 300.0	WETA/36016		
35138508009	**B87-F**	EPA 300.0	WETA/36016		
35138508010	**B87-6**	EPA 300.0	WETA/36016		
35138508001	**EQ Blank 5/19/14**	EPA 350.1	WETA/36116		
35138508002	**B45-1**	EPA 350.1	WETA/36117		
35138508003	**B45-1 Dup**	EPA 350.1	WETA/36117		
35138508004	**B45-2**	EPA 350.1	WETA/36117		
35138508005	**B77-1**	EPA 350.1	WETA/36117		
35138508006	**B76-6**	EPA 350.1	WETA/36117		
35138508007	**B76-1**	EPA 350.1	WETA/36117		
35138508008	**B82-1**	EPA 350.1	WETA/36117		
35138508009	**B87-F**	EPA 350.1	WETA/36117		
35138508010	**B87-6**	EPA 350.1	WETA/36117		
35138508001	**EQ Blank 5/19/14**	EPA 353.2	WETA/36210		
35138508002	**B45-1**	EPA 353.2	WETA/36210		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Benzene Remediation
Pace Project No.: 35138508

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35138508003	**B45-1 Dup**	EPA 353.2	WETA/36210		
35138508004	**B45-2**	EPA 353.2	WETA/36210		
35138508005	**B77-1**	EPA 353.2	WETA/36210		
35138508006	**B76-6**	EPA 353.2	WETA/36210		
35138508007	**B76-1**	EPA 353.2	WETA/36210		
35138508008	**B82-1**	EPA 353.2	WETA/36210		
35138508009	**B87-F**	EPA 353.2	WETA/36210		
35138508010	**B87-6**	EPA 353.2	WETA/36210		

WO#: 35138508

35138508

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Document

...mpleted accurately.

Page: 1 of

1708416

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 STINK
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

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	Chloride	Sulfate	Nitrogen, Ammonia (N13)	COD	Total Phosphorus	Metals	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	SW	G			5-19-14	0820		8	3	1	1	3						X	X	X	X	X	X			
2	B45-1						0912																				
3	DUPLICATE						0912																				
4	B45-2						0936																				
5	B77-1						1050																				
6	B76-6						1155																				
7	~~B77-1MS~~ B76-1						1223																				
8	B82-1						1312																				
9	B87-F						1455																				
10	B87-6						1547																				
11	TRIP BLANKS								2				2									X					
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	[signature] PACE	5-19-14	1645	[signature] PACE	5-19-14	1645	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 5-19-14

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 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: BENZENE REMEDIATION	
WELL NO: O	SAMPLE ID: EQ	DATE: 5-19-14

PURGING DATA

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

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

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

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

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

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0815	SAMPLING ENDED AT: 0820
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, CHLORIDE	PP	400
	1	↓	250	HNO3		<2	6010/6020/UL METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE			8011 DBB	↓	↓
	3	"	40	HCL		<2	8260 VOC	↓ RPP	↓

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: BENZENE

WELL NO: 1 | SAMPLE ID: BLS-1 / DUPLICATE | DATE: 5-19-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.05 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (37.08 feet – 6.05 feet) X 0.16 gallons/foot = 4.964 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): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 0830 | PURGING ENDED AT: 0900 | 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)
0850	5.00	5.00	0.25	7.82	6.07	21.79	1486	0.44	0.87	YELLOW	SULFUR
0855	1.25	6.25		7.85	6.07	21.85	1475	0.36	1.80		
0900	1.25	7.50		7.87	6.07	21.90	1466	0.37	1.39		

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: 0900 | SAMPLING ENDED AT: 0912

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)~~ MS

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		6.07	TDS, NITRATE, CHLORIDE	PP	400
	2	↓	250	HNO3		<2	GOLD, BORON, METALS	↓	↓
	2	↓	250	H2SO4		<2	NH3	↓	↓
	4	CG	40	ICE		6.07	8011 EDB	↓	100
	6	"	"	HCL		<2	8260 VOC	RFPP	"

REMARKS: ORP-25.7 ORP-26.1 ORP-26.5

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: BENZENE

WELL NO: 2 | SAMPLE ID: B45-2 | DATE: 5-19-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.05 | PURGE PUMP TYPE OR BAILER: BP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.60 feet – 6.05 feet) X 0.16 gallons/foot = 1.848 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: 0917 | PURGING ENDED AT: 0929 | TOTAL VOLUME PURGED (gallons): 3.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (µS/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0925	2.00	2.00	0.25	7.42	6.21	21.73	551	0.54	7.00	YELLOW	SULFUR
0927	0.50	2.50	↓	7.45	6.22	21.73	552	0.45	5.14	↓	↓
0929	0.50	3.00	↓	7.48	6.22	21.73	555	0.37	4.60		

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: 0929 | SAMPLING ENDED AT: 0936

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		6.22	TDS, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010, 6020/HG METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.22	8011 DBP		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 36.9 ORP 38.1 ORP 40.9

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: BENZENE

WELL NO: 3 | SAMPLE ID: B77-1 | DATE: 5-19-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 11.30 | 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) = (44.50 feet – 11.30 feet) X 0.16 gallons/foot = 5.312 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): 13 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13 | PURGING INITIATED AT: 0941 | PURGING ENDED AT: 1023 | TOTAL VOLUME PURGED (gallons): 10.50

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)
1003	5.50	5.50	0.25	11.43	6.02	22.06	1529	0.25	0.43	Yellow	Sulfur
1008	1.25	6.75	↓	↓	6.05	22.04	1605	0.24	1.05	↓	↓
1013	1.25	8.00	↓	↓	6.15	22.26	1742	0.23	0.38	↓	↓
1018	1.25	9.25	↓	↓	6.10	22.29	1756	0.22	0.53	↓	↓
1023	1.25	10.50	↓	↓	6.16	22.32	1753	0.22	0.45	↓	↓

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: 1023 | SAMPLING ENDED AT: 1030

PUMP OR TUBING DEPTH IN WELL (feet): 13 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.16	300, NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010, 6020, HG, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.16	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP -14.5 ORP -14.0 ORP -15.0 ORP -15.2 ORP -15.5

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: BENZENE

WELL NO: 4 | SAMPLE ID: B76-6 | DATE: 5-19-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.80 | 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) = (49.90 feet – 7.80 feet) X 0.16 gallons/foot = 6.736 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: 1045 | PURGING ENDED AT: 1126 | TOTAL VOLUME PURGED (gallons): 10.25

TIME 27	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)
1112	6.750	6.75	0.25	8.00	6.22	23.44	1776	0.22	0.30	CLEAR	SULFUR
1119	1.75	8.50	1	1	6.19	23.40	1763	0.22	0.76	↓	↓
1126	1.75	10.25	1	1	6.19	23.46	1764	0.20	0.64		

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/AGCE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1126 | SAMPLING ENDED AT: 1133

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		6.19	NO3 NITRATE, CL	PP	400
	1	↓	250	HNO3		<2	6010 6020 Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.19	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-58.9 ORP-56.3 ORP-56.2

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: BENZTOWN

WELL NO: S | SAMPLE ID: B76-1 | DATE: 5-19-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.85 | 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) = (34.30 feet – 3.85 feet) X 0.16 gallons/foot = 4.872 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | PURGING INITIATED AT: 1140 | PURGING ENDED AT: 1215 | TOTAL VOLUME PURGED (gallons): 8.25

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)
1200	5.00	5.00	0.25	4.10	5.50	23.44	1390	0.31	1.33	CLEAR	SULFUR
1205	1.25	6.25	↓	↓	5.76	23.47	1550	0.22	1.70	↓	↓
1210	1.25	7.50	↓	↓	5.86	23.51	1621	0.21	0.76	↓	↓
1215	1.25	8.75	↓	↓	5.90	23.54	1658	0.21	0.81	↓	↓

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/ACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1215 | SAMPLING ENDED AT: 1223

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			TDS, NITRATE CL	PP	400
	1	↓	250	HNO3		<2	6010, 6020, 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-9.1 ORP-11.4 ORP-30.2 ORP-32.9

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: BENZENE

WELL NO: 6 | SAMPLE ID: B82-1 | DATE: 5-19-14

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) = (38.65 feet – 6.85 feet) X 0.16 gallons/foot = 5.088 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | PURGING INITIATED AT: 1235 | PURGING ENDED AT: 1306 | 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)
1256	5.25	5.25	0.25	9.55	6.22	24.22	398	0.21	1.97	CLEAR	NONE
1301	1.25	6.50	↓	↓	6.23	24.25	400	0.21	1.80	↓	↓
1306	1.25	7.75	↓	↓	6.23	24.24	400	0.20	2.33	↓	↓

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 GIBBS / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1306 | SAMPLING ENDED AT: 1312

PUMP OR TUBING DEPTH IN WELL (feet): 11 | TUBING MATERIAL CODE: PE, S | FIELD FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL. ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.23	TDS, CHLORIDE, CL	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.23	8011 EDB		100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP -33.2 ORP -35.3 ORP -36.1

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: BENZENE

WELL NO: 7 | SAMPLE ID: B87-F | DATE: 5-19-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 12.70 | 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)
= (96.00 feet – 12.70 feet) X 0.16 gallons/foot = 13.328 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): 14 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14 | PURGING INITIATED AT: 1325 | PURGING ENDED AT: 1445 | TOTAL VOLUME PURGED (gallons): 20.00

TIMES	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)
1419	13.50	13.50	0.25	12.75	7.12	23.16	607	0.23	0.52	CLEAR	none
1432	3.25	16.75	|	|	7.10	23.12	607	0.25	0.12	|	|
1445	3.25	20.00	|	|	7.08	23.20	607	0.20	0.11	|	|

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: MAQU GILBERT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1445 | SAMPLING ENDED AT: 1455

PUMP OR TUBING DEPTH IN WELL (feet): 14 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		7.08	TDS, NO3/NO2, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		7.08	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS:
ORP -70.8 ORP -66.5 ORP -63.3

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: BENZLOVE | DATE: 5-19-14

WELL NO: 8 | SAMPLE ID: B87-6

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 10.20 | 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) = (50.00 feet – 10.20 feet) X 0.16 gallons/foot = 6.368 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12 | PURGING INITIATED AT: 1457 | PURGING ENDED AT: 1547 | TOTAL VOLUME PURGED (gallons): 12.50

TIME 26	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)
1523	6.50	6.50	0.25	10.40	8.20	23.07	449	0.21	0.93	CLEAR	NONE
1529	1.50	8.00			8.11	23.09	452	0.19	0.36		
1535	1.50	9.50			6.91	23.08	521	0.24	0.39		
1541	1.50	11.00			6.80	23.02	539	0.23	0.81		
1547	1.50	12.50			6.79	23.08	544	0.23	0.87		

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: 1554

PUMP OR TUBING DEPTH IN WELL (feet): 12 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE			TDS, NITRATE, Cl	PP	400
	1		250	HNO3		<2	COD, TOC/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-25.6 ORP-20.5 ORP-105.1 ORP-103.0 ORP -102.5

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

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

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

Pace Analytical	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 # 35138508

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 3.3 (Visual) -0.1 (Correction Factor) 3.2 (Actual)

0.1 -0.1 0.0

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

Rush TAT requested on COC:

Receipt of samples satisfactory: ☐ Yes ☐ No

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: 5/2/2014

Finished Product Information Only

Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

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

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

May 31, 2014

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

RE: Project: Tomoka Semi-annual
Pace Project No.: 35138877

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 21, 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
Pace Project No.: 35138877

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
Pace Project No.: 35138877

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35138877001	**EQ Blank 5/21/14**	Water	05/21/14 08:23	05/21/14 16:35
35138877002	**B40-1**	Water	05/21/14 09:25	05/21/14 16:35
35138877003	**B40-1 DUP**	Water	05/21/14 09:25	05/21/14 16:35
35138877004	**B40-2**	Water	05/21/14 10:00	05/21/14 16:35
35138877005	**B65**	Water	05/21/14 10:22	05/21/14 16:35
35138877006	**B41-1**	Water	05/21/14 11:54	05/21/14 16:35
35138877007	**B41-2**	Water	05/21/14 12:22	05/21/14 16:35
35138877008	**B1-B**	Water	05/21/14 13:34	05/21/14 16:35
35138877009	**B42-1**	Water	05/21/14 14:27	05/21/14 16:35
35138877010	**B42-2**	Water	05/21/14 14:52	05/21/14 16:35
35138877011	**M05-B**	Water	05/21/14 15:41	05/21/14 16:35
35138877012	**Trip Blank 5/21/14**	Water	05/21/14 00:00	05/21/14 16:35

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35138877001	**EQ Blank 5/21/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877002	**B40-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877003	**B40-1 DUP**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877004	**B40-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877005	**B65**	EPA 8011	LJM	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
Pace Project No.: 35138877

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877006	**B41-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877007	**B41-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877008	**B1-B**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877009	**B42-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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	JNZ	1	PASI-O
		EPA 300.0	AIS, JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877010	**B42-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877011	**M05-B**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	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	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	ADC	1	PASI-O
35138877012	**Trip Blank 5/21/14**	EPA 8260	SK	50	PASI-O

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35138877002	**B40-1**					
	Field pH	5.44	Std. Units		05/21/14 09:25	
	Field Temperature	21.41	deg C		05/21/14 09:25	
	Appearance	Color: yellow, Sheen: none			05/21/14 09:25	
	Field Specific Conductance	636	umhos/cm		05/21/14 09:25	
	Oxygen, Dissolved	0.68	mg/L		05/21/14 09:25	
	REDOX	61.5	mV		05/21/14 09:25	
	Turbidity	0.30	NTU		05/21/14 09:25	
	Water Level(NGVD)	22.24	feet		05/21/14 09:25	
EPA 6010	Barium	174	ug/L	10.0	05/24/14 22:38	
EPA 6010	Iron	20600	ug/L	40.0	05/24/14 22:38	
EPA 6010	Sodium	51.3	mg/L	1.0	05/24/14 22:38	
SM 2540C	Total Dissolved Solids	491	mg/L	5.0	05/28/14 02:51	
EPA 300.0	Chloride	58.7	mg/L	5.0	05/22/14 12:07	
EPA 300.0	Sulfate	184	mg/L	50.0	05/27/14 19:17	
EPA 350.1	Nitrogen, Ammonia	0.11	mg/L	0.050	05/28/14 13:35	
35138877003	**B40-1 DUP**					
	Field pH	5.44	Std. Units		05/22/14 11:00	
	Field Temperature	21.41	deg C		05/22/14 11:00	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:00	
	Field Specific Conductance	636	umhos/cm		05/22/14 11:00	
	Oxygen, Dissolved	0.38	mg/L		05/22/14 11:00	
	REDOX	61.5	mV		05/22/14 11:00	
	Turbidity	0.30	NTU		05/22/14 11:00	
	Water Level(NGVD)	22.24	feet		05/22/14 11:00	
EPA 6010	Barium	177	ug/L	10.0	05/24/14 22:49	
EPA 6010	Iron	21000	ug/L	40.0	05/24/14 22:49	
EPA 6010	Sodium	51.0	mg/L	1.0	05/24/14 22:49	
SM 2540C	Total Dissolved Solids	492	mg/L	5.0	05/28/14 02:51	
EPA 300.0	Chloride	61.0	mg/L	5.0	05/27/14 19:39	
EPA 300.0	Sulfate	179	mg/L	100	05/22/14 13:33	
EPA 350.1	Nitrogen, Ammonia	0.11	mg/L	0.050	05/28/14 13:36	
35138877004	**B40-2**					
	Field pH	6.06	Std. Units		05/22/14 11:02	
	Field Temperature	21.34	deg C		05/22/14 11:02	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:02	
	Field Specific Conductance	661	umhos/cm		05/22/14 11:02	
	Oxygen, Dissolved	0.34	mg/L		05/22/14 11:02	
	REDOX	-5.2	mV		05/22/14 11:02	
	Turbidity	4.39	NTU		05/22/14 11:02	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35138877004	**B40-2**					
	Water Level(NGVD)	24.38	feet		05/22/14 11:02	
EPA 6010	Barium	41.2	ug/L	10.0	05/24/14 22:53	
EPA 6010	Iron	4830	ug/L	40.0	05/24/14 22:53	
EPA 6010	Sodium	21.6	mg/L	1.0	05/24/14 22:53	
SM 2540C	Total Dissolved Solids	478	mg/L	5.0	05/28/14 02:51	
EPA 300.0	Chloride	24.4	mg/L	5.0	05/22/14 14:58	
EPA 300.0	Sulfate	53.6	mg/L	5.0	05/22/14 14:58	J(M1)
EPA 350.1	Nitrogen, Ammonia	0.76	mg/L	0.050	05/28/14 13:37	
35138877005	**B65**					
	Field pH	6.13	Std. Units		05/22/14 11:03	
	Field Temperature	20.85	deg C		05/22/14 11:03	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:03	
	Field Specific Conductance	514	umhos/cm		05/22/14 11:03	
	Oxygen, Dissolved	0.29	mg/L		05/22/14 11:03	
	REDOX	-11.4	mV		05/22/14 11:03	
	Turbidity	1.11	NTU		05/22/14 11:03	
	Water Level(NGVD)	24.49	feet		05/22/14 11:03	
EPA 6010	Barium	38.2	ug/L	10.0	05/24/14 22:56	
EPA 6010	Chromium	3.0 I	ug/L	5.0	05/24/14 22:56	
EPA 6010	Iron	949	ug/L	40.0	05/24/14 22:56	
EPA 6010	Sodium	25.4	mg/L	1.0	05/24/14 22:56	
SM 2540C	Total Dissolved Solids	369	mg/L	5.0	05/28/14 02:51	
EPA 300.0	Chloride	33.8	mg/L	5.0	05/22/14 16:03	
EPA 300.0	Sulfate	17.0	mg/L	5.0	05/22/14 16:03	
EPA 350.1	Nitrogen, Ammonia	0.55	mg/L	0.050	05/28/14 13:38	
35138877006	**B41-1**					
	Field pH	6.28	Std. Units		05/22/14 11:06	
	Field Temperature	22.49	deg C		05/22/14 11:06	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:06	
	Field Specific Conductance	2073	umhos/cm		05/22/14 11:06	
	Oxygen, Dissolved	0.21	mg/L		05/22/14 11:06	
	REDOX	-69.8	mV		05/22/14 11:06	
	Turbidity	3.36	NTU		05/22/14 11:06	
	Water Level(NGVD)	20.49	feet		05/22/14 11:06	
EPA 6010	Barium	316	ug/L	10.0	05/24/14 23:00	
EPA 6010	Chromium	5.9	ug/L	5.0	05/24/14 23:00	
EPA 6010	Iron	20600	ug/L	40.0	05/24/14 23:00	
EPA 6010	Sodium	141	mg/L	1.0	05/24/14 23:00	
EPA 6010	Vanadium	9.4 I	ug/L	10.0	05/24/14 23:00	
EPA 6020	Antimony	0.56 I	ug/L	1.0	05/28/14 10:55	
EPA 8260	Benzene	0.36 I	ug/L	1.0	05/28/14 01:22	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35138877006	**B41-1**					
EPA 8260	Chlorobenzene	3.9	ug/L	1.0	05/28/14 01:22	
SM 2540C	Total Dissolved Solids	1210	mg/L	10.0	05/28/14 02:51	
EPA 300.0	Chloride	164	mg/L	25.0	05/22/14 21:45	
EPA 300.0	Sulfate	79.5	mg/L	25.0	05/22/14 21:45	
EPA 350.1	Nitrogen, Ammonia	55.9	mg/L	0.50	05/28/14 15:17	
35138877007	**B41-2**					
	Field pH	6.70	Std. Units		05/22/14 11:08	
	Field Temperature	21.00	deg C		05/22/14 11:08	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:08	
	Field Specific Conductance	508	umhos/cm		05/22/14 11:08	
	Oxygen, Dissolved	0.19	mg/L		05/22/14 11:08	
	REDOX	-62.6	mV		05/22/14 11:08	
	Turbidity	0.64	NTU		05/22/14 11:08	
	Water Level(NGVD)	24.41	feet		05/22/14 11:08	
EPA 6010	Barium	26.3	ug/L	10.0	05/24/14 23:04	
EPA 6010	Iron	839	ug/L	40.0	05/24/14 23:04	
EPA 6010	Sodium	21.9	mg/L	1.0	05/24/14 23:04	
SM 2540C	Total Dissolved Solids	366	mg/L	5.0	05/28/14 02:51	
EPA 300.0	Chloride	29.2	mg/L	5.0	05/22/14 22:06	
EPA 350.1	Nitrogen, Ammonia	0.34	mg/L	0.050	05/28/14 13:39	
35138877008	**B1-B**					
	Field pH	6.39	Std. Units		05/22/14 11:11	
	Field Temperature	23.25	deg C		05/22/14 11:11	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:11	
	Field Specific Conductance	779	umhos/cm		05/22/14 11:11	
	Oxygen, Dissolved	0.35	mg/L		05/22/14 11:11	
	REDOX	-53.3	mV		05/22/14 11:11	
	Turbidity	3.20	NTU		05/22/14 11:11	
	Water Level(NGVD)	19.31	feet		05/22/14 11:11	
EPA 6010	Barium	143	ug/L	10.0	05/24/14 23:30	
EPA 6010	Iron	12900	ug/L	40.0	05/24/14 23:30	
EPA 6010	Sodium	35.8	mg/L	1.0	05/24/14 23:30	
SM 2540C	Total Dissolved Solids	493	mg/L	5.0	05/28/14 02:51	
EPA 300.0	Chloride	23.6	mg/L	5.0	05/22/14 22:28	
EPA 300.0	Sulfate	69.2	mg/L	5.0	05/22/14 22:28	
EPA 350.1	Nitrogen, Ammonia	6.6	mg/L	0.050	05/28/14 13:40	
35138877009	**B42-1**					
	Field pH	5.73	Std. Units		05/22/14 11:13	
	Field Temperature	22.13	deg C		05/22/14 11:13	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35138877009	**B42-1**					
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:13	
	Field Specific Conductance	839	umhos/cm		05/22/14 11:13	
	Oxygen, Dissolved	0.51	mg/L		05/22/14 11:13	
	REDOX	32.9	mV		05/22/14 11:13	
	Turbidity	2.03	NTU		05/22/14 11:13	
	Water Level(NGVD)	20.79	feet		05/22/14 11:13	
EPA 6010	Barium	118	ug/L	10.0	05/24/14 23:34	
EPA 6010	Chromium	2.5 I	ug/L	5.0	05/24/14 23:34	
EPA 6010	Iron	14200	ug/L	40.0	05/24/14 23:34	
EPA 6010	Sodium	93.0	mg/L	1.0	05/24/14 23:34	
SM 2540C	Total Dissolved Solids	636	mg/L	5.0	05/28/14 02:52	
EPA 300.0	Chloride	78.5	mg/L	5.0	05/22/14 22:49	
EPA 300.0	Sulfate	222	mg/L	50.0	05/27/14 12:22	
EPA 350.1	Nitrogen, Ammonia	0.34	mg/L	0.050	05/28/14 13:45	
35138877010	**B42-2**					
	Field pH	6.22	Std. Units		05/22/14 11:14	
	Field Temperature	21.58	deg C		05/22/14 11:14	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:14	
	Field Specific Conductance	281	umhos/cm		05/22/14 11:14	
	Oxygen, Dissolved	0.31	mg/L		05/22/14 11:14	
	REDOX	6.7	mV		05/22/14 11:14	
	Turbidity	7.77	NTU		05/22/14 11:14	
	Water Level(NGVD)	24.31	feet		05/22/14 11:14	
EPA 6010	Barium	18.5	ug/L	10.0	05/24/14 23:38	
EPA 6010	Iron	2450	ug/L	40.0	05/24/14 23:38	
EPA 6010	Sodium	6.0	mg/L	1.0	05/24/14 23:38	
SM 2540C	Total Dissolved Solids	198	mg/L	5.0	05/28/14 02:52	
EPA 300.0	Chloride	5.6	mg/L	5.0	05/22/14 23:11	
EPA 300.0	Sulfate	7.8	mg/L	5.0	05/22/14 23:11	
EPA 350.1	Nitrogen, Ammonia	0.22	mg/L	0.050	05/28/14 13:48	
35138877011	**M05-B**					
	Field pH	6.27	Std. Units		05/22/14 11:16	
	Field Temperature	23.55	deg C		05/22/14 11:16	
	Appearance	Color: Yellow, Sheen: None			05/22/14 11:16	
	Field Specific Conductance	1110	umhos/cm		05/22/14 11:16	
	Oxygen, Dissolved	0.21	mg/L		05/22/14 11:16	
	REDOX	-15.3	mV		05/22/14 11:16	
	Turbidity	0.76	NTU		05/22/14 11:16	
	Water Level(NGVD)	19.39	feet		05/22/14 11:16	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35138877011	**M05-B**					
EPA 6010	Barium	166	ug/L	10.0	05/24/14 23:41	
EPA 6010	Chromium	4.3 I	ug/L	5.0	05/24/14 23:41	
EPA 6010	Iron	8650	ug/L	40.0	05/24/14 23:41	
EPA 6010	Sodium	132	mg/L	1.0	05/24/14 23:41	
SM 2540C	Total Dissolved Solids	817	mg/L	5.0	05/28/14 02:52	
EPA 300.0	Chloride	108	mg/L	10.0	05/22/14 23:32	
EPA 300.0	Sulfate	62.2	mg/L	10.0	05/22/14 23:32	
EPA 350.1	Nitrogen, Ammonia	1.7	mg/L	0.050	05/28/14 13:49	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: EQ Blank 5/21/14 **Lab ID: 35138877001** Collected: 05/21/14 08:23 Received: 05/21/14 16:35 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	**0.0050U**	ug/L	0.021	0.0050	1	05/28/14 13:00	05/29/14 02:14	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 02:14	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:34	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:34	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:34	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:34	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:34	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:34	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:34	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 22:34	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:34	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:34	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 22:34	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:34	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:34	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:34	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 22:34	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/29/14 12:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/29/14 12:31	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 04:10	05/28/14 10:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/27/14 11:13	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/27/14 11:13	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/27/14 11:13	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/27/14 11:13	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/27/14 11:13	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/27/14 11:13	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/27/14 11:13	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/27/14 11:13	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: EQ Blank 5/21/14 **Lab ID: 35138877001** Collected: 05/21/14 08:23 Received: 05/21/14 16:35 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		05/27/14 11:13	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/27/14 11:13	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/27/14 11:13	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/27/14 11:13	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/27/14 11:13	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/27/14 11:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/27/14 11:13	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/27/14 11:13	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/27/14 11:13	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/27/14 11:13	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/27/14 11:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-114		1		05/27/14 11:13	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	86-125		1		05/27/14 11:13	17060-07-0	
Toluene-d8 (S)	96	%	87-113		1		05/27/14 11:13	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/28/14 02:50		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 11:46	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/22/14 11:46	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/22/14 11:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/28/14 13:34	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-1 **Lab ID: 35138877002** Collected: 05/21/14 09:25 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.44**	Std. Units			1		05/21/14 09:25		
Field Temperature	**21.41**	deg C			1		05/21/14 09:25		
Appearance	**Color: yellow, Sheen: none**				1		05/21/14 09:25		
Field Specific Conductance	**636**	umhos/cm			1		05/21/14 09:25		
Oxygen, Dissolved	**0.68**	mg/L			1		05/21/14 09:25	7782-44-7	
REDOX	**61.5**	mV			1		05/21/14 09:25		
Turbidity	**0.30**	NTU			1		05/21/14 09:25		
Water Level(NGVD)	**22.24**	feet			1		05/21/14 09:25		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	05/28/14 13:00	05/29/14 02:29	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	05/28/14 13:00	05/29/14 02:29	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:38	7440-38-2	
Barium	**174**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:38	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:38	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:38	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:38	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:38	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:38	7440-50-8	
Iron	**20600**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 22:38	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:38	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:38	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 22:38	7782-49-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 22:38	7440-66-6	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:38	7440-22-4	
Sodium	**51.3**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:38	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:38	7440-62-2	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:37	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 04:10	05/28/14 10:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/27/14 23:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/27/14 23:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/27/14 23:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/27/14 23:16	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-1 **Lab ID: 35138877002** Collected: 05/21/14 09:25 Received: 05/21/14 16:35 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		05/27/14 23:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/27/14 23:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/27/14 23:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/27/14 23:16	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/27/14 23:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/27/14 23:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/27/14 23:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/27/14 23:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/27/14 23:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/27/14 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/27/14 23:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/27/14 23:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/27/14 23:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/27/14 23:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/27/14 23:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-114		1		05/27/14 23:16	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		05/27/14 23:16	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/27/14 23:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-1 **Lab ID: 35138877002** Collected: 05/21/14 09:25 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**491**	mg/L	5.0	5.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 12:07	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**58.7**	mg/L	5.0	2.5	1		05/22/14 12:07	16887-00-6	
Sulfate	**184**	mg/L	50.0	25.0	10		05/27/14 19:17	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.11**	mg/L	0.050	0.020	1		05/28/14 13:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-1 DUP **Lab ID: 35138877003** Collected: 05/21/14 09:25 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.44**	Std. Units			1		05/22/14 11:00		
Field Temperature	**21.41**	deg C			1		05/22/14 11:00		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:00		
Field Specific Conductance	**636**	umhos/cm			1		05/22/14 11:00		
Oxygen, Dissolved	**0.38**	mg/L			1		05/22/14 11:00	7782-44-7	
REDOX	**61.5**	mV			1		05/22/14 11:00		
Turbidity	**0.30**	NTU			1		05/22/14 11:00		
Water Level(NGVD)	**22.24**	feet			1		05/22/14 11:00		
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	05/28/14 13:00	05/29/14 03:14	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	05/28/14 13:00	05/29/14 03:14	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:49	7440-38-2	
Barium	**177**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:49	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:49	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:49	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:49	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:49	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:49	7440-50-8	
Iron	**21000**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 22:49	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:49	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:49	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 22:49	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:49	7440-22-4	
Sodium	**51.0**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:49	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:49	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 22:49	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:40	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 04:10	05/28/14 10:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 00:06	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:06	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 00:06	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 00:06	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-1 DUP **Lab ID: 35138877003** Collected: 05/21/14 09:25 Received: 05/21/14 16:35 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		05/28/14 00:06	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:06	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:06	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 00:06	74-87-3	J(M0), L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 00:06	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:06	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 00:06	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 00:06	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:06	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 00:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:06	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 00:06	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 00:06	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 00:06	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	112	%	70-114		1		05/28/14 00:06	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	86-125		1		05/28/14 00:06	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/28/14 00:06	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-1 DUP **Lab ID: 35138877003** Collected: 05/21/14 09:25 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**492**	mg/L	5.0	5.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.86U**	mg/L	1.0	0.86	20		05/22/14 13:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**61.0**	mg/L	5.0	2.5	1		05/27/14 19:39	16887-00-6	
Sulfate	**179**	mg/L	100	50.0	20		05/22/14 13:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.11**	mg/L	0.050	0.020	1		05/28/14 13:36	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-2 **Lab ID: 35138877004** Collected: 05/21/14 10:00 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.06**	Std. Units			1		05/22/14 11:02		
Field Temperature	**21.34**	deg C			1		05/22/14 11:02		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:02		
Field Specific Conductance	**661**	umhos/cm			1		05/22/14 11:02		
Oxygen, Dissolved	**0.34**	mg/L			1		05/22/14 11:02	7782-44-7	
REDOX	**-5.2**	mV			1		05/22/14 11:02		
Turbidity	**4.39**	NTU			1		05/22/14 11:02		
Water Level(NGVD)	**24.38**	feet			1		05/22/14 11:02		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/28/14 13:00	05/29/14 03:44	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/28/14 13:00	05/29/14 03:44	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:53	7440-38-2	
Barium	**41.2**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:53	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:53	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:53	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:53	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:53	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:53	7440-50-8	
Iron	**4830**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 22:53	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:53	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:53	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 22:53	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:53	7440-22-4	
Sodium	**21.6**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:53	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:53	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 22:53	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:49	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:49	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 04:10	05/28/14 10:32	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 00:31	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:31	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 00:31	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 00:31	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-2 **Lab ID: 35138877004** Collected: 05/21/14 10:00 Received: 05/21/14 16:35 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		05/28/14 00:31	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:31	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:31	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 00:31	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 00:31	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:31	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 00:31	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 00:31	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:31	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 00:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:31	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 00:31	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 00:31	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 00:31	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	114	%	70-114		1		05/28/14 00:31	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	86-125		1		05/28/14 00:31	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		05/28/14 00:31	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B40-2 **Lab ID: 35138877004** Collected: 05/21/14 10:00 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**478**	mg/L	5.0	5.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 14:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**24.4**	mg/L	5.0	2.5	1		05/22/14 14:58	16887-00-6	
Sulfate	**53.6**	mg/L	5.0	2.5	1		05/22/14 14:58	14808-79-8	J(M1)
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.76**	mg/L	0.050	0.020	1		05/28/14 13:37	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B65 **Lab ID: 35138877005** Collected: 05/21/14 10:22 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.13**	Std. Units			1		05/22/14 11:03		
Field Temperature	**20.85**	deg C			1		05/22/14 11:03		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:03		
Field Specific Conductance	**514**	umhos/cm			1		05/22/14 11:03		
Oxygen, Dissolved	**0.29**	mg/L			1		05/22/14 11:03	7782-44-7	
REDOX	**-11.4**	mV			1		05/22/14 11:03		
Turbidity	**1.11**	NTU			1		05/22/14 11:03		
Water Level(NGVD)	**24.49**	feet			1		05/22/14 11:03		
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	05/28/14 13:00	05/29/14 03:59	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/28/14 13:00	05/29/14 03:59	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:56	7440-38-2	
Barium	**38.2**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:56	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:56	7440-43-9	
Chromium	**3.0 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:56	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:56	7440-50-8	
Iron	**949**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 22:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:56	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 22:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 22:56	7440-22-4	
Sodium	**25.4**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 22:56	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 22:56	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 22:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:52	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:52	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 04:10	05/28/14 10:34	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 00:57	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:57	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 00:57	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 00:57	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B65 **Lab ID: 35138877005** Collected: 05/21/14 10:22 Received: 05/21/14 16:35 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		05/28/14 00:57	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:57	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:57	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 00:57	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 00:57	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:57	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 00:57	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 00:57	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:57	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 00:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 00:57	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 00:57	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 00:57	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 00:57	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 00:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-114		1		05/28/14 00:57	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		05/28/14 00:57	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/28/14 00:57	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B65 **Lab ID: 35138877005** Collected: 05/21/14 10:22 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**369**	mg/L	5.0	5.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 16:03	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.8**	mg/L	5.0	2.5	1		05/22/14 16:03	16887-00-6	
Sulfate	**17.0**	mg/L	5.0	2.5	1		05/22/14 16:03	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.55**	mg/L	0.050	0.020	1		05/28/14 13:38	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B41-1 **Lab ID: 35138877006** Collected: 05/21/14 11:54 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.28**	Std. Units			1		05/22/14 11:06		
Field Temperature	**22.49**	deg C			1		05/22/14 11:06		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:06		
Field Specific Conductance	**2073**	umhos/cm			1		05/22/14 11:06		
Oxygen, Dissolved	**0.21**	mg/L			1		05/22/14 11:06	7782-44-7	
REDOX	**-69.8**	mV			1		05/22/14 11:06		
Turbidity	**3.36**	NTU			1		05/22/14 11:06		
Water Level(NGVD)	**20.49**	feet			1		05/22/14 11:06		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/28/14 13:00	05/29/14 04:14	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 04:14	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:00	7440-38-2	
Barium	**316**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:00	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:00	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:00	7440-43-9	
Chromium	**5.9**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:00	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:00	7440-50-8	
Iron	**20600**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 23:00	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:00	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:00	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 23:00	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:00	7440-22-4	
Sodium	**141**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:00	7440-23-5	
Vanadium	**9.4 I**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:00	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 23:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.56 I**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:55	7440-28-0	J(IS)
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	05/28/14 04:10	05/28/14 10:40	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 01:22	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:22	107-13-1	
Benzene	**0.36 I**	ug/L	1.0	0.10	1		05/28/14 01:22	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 01:22	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B41-1 **Lab ID: 35138877006** Collected: 05/21/14 11:54 Received: 05/21/14 16:35 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		05/28/14 01:22	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:22	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:22	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	56-23-5	
Chlorobenzene	**3.9**	ug/L	1.0	0.50	1		05/28/14 01:22	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 01:22	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 01:22	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:22	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 01:22	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 01:22	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:22	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 01:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:22	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 01:22	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 01:22	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 01:22	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-114		1		05/28/14 01:22	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		05/28/14 01:22	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/28/14 01:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B41-1 **Lab ID: 35138877006** Collected: 05/21/14 11:54 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1210**	mg/L	10.0	10.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/22/14 21:45	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**164**	mg/L	25.0	12.5	5		05/22/14 21:45	16887-00-6	
Sulfate	**79.5**	mg/L	25.0	12.5	5		05/22/14 21:45	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**55.9**	mg/L	0.50	0.20	10		05/28/14 15:17	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B41-2 **Lab ID: 35138877007** Collected: 05/21/14 12:22 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.70**	Std. Units			1		05/22/14 11:08		
Field Temperature	**21.00**	deg C			1		05/22/14 11:08		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:08		
Field Specific Conductance	**508**	umhos/cm			1		05/22/14 11:08		
Oxygen, Dissolved	**0.19**	mg/L			1		05/22/14 11:08	7782-44-7	
REDOX	**-62.6**	mV			1		05/22/14 11:08		
Turbidity	**0.64**	NTU			1		05/22/14 11:08		
Water Level(NGVD)	**24.41**	feet			1		05/22/14 11:08		
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	05/28/14 13:00	05/29/14 04:29	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 04:29	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:04	7440-38-2	
Barium	**26.3**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:04	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:04	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:04	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:04	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:04	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:04	7440-50-8	
Iron	**839**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 23:04	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:04	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:04	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 23:04	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:04	7440-22-4	
Sodium	**21.9**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:04	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:04	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 23:04	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:31	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 04:10	05/28/14 10:42	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 01:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 01:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 01:47	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B41-2 **Lab ID: 35138877007** Collected: 05/21/14 12:22 Received: 05/21/14 16:35 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		05/28/14 01:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 01:47	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 01:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 01:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 01:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 01:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 01:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 01:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 01:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 01:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 01:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	111	%	70-114		1		05/28/14 01:47	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		05/28/14 01:47	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		05/28/14 01:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B41-2 **Lab ID: 35138877007** Collected: 05/21/14 12:22 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**366**	mg/L	5.0	5.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 22:06	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**29.2**	mg/L	5.0	2.5	1		05/22/14 22:06	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/22/14 22:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.34**	mg/L	0.050	0.020	1		05/28/14 13:39	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B1-B **Lab ID: 35138877008** Collected: 05/21/14 13:34 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.39**	Std. Units			1		05/22/14 11:11		
Field Temperature	**23.25**	deg C			1		05/22/14 11:11		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:11		
Field Specific Conductance	**779**	umhos/cm			1		05/22/14 11:11		
Oxygen, Dissolved	**0.35**	mg/L			1		05/22/14 11:11	7782-44-7	
REDOX	**-53.3**	mV			1		05/22/14 11:11		
Turbidity	**3.20**	NTU			1		05/22/14 11:11		
Water Level(NGVD)	**19.31**	feet			1		05/22/14 11:11		
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	05/28/14 13:00	05/29/14 04:44	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 04:44	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:30	7440-38-2	
Barium	**143**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:30	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:30	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:30	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:30	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:30	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:30	7440-50-8	
Iron	**12900**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 23:30	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:30	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:30	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 23:30	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:30	7440-22-4	
Sodium	**35.8**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:30	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:30	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 23:30	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:58	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 10:58	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 04:10	05/28/14 10:44	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 02:13	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:13	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 02:13	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 02:13	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B1-B **Lab ID: 35138877008** Collected: 05/21/14 13:34 Received: 05/21/14 16:35 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		05/28/14 02:13	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:13	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:13	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 02:13	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 02:13	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:13	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 02:13	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 02:13	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:13	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 02:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:13	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 02:13	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 02:13	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 02:13	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		05/28/14 02:13	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		05/28/14 02:13	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/28/14 02:13	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B1-B **Lab ID: 35138877008** Collected: 05/21/14 13:34 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**493**	mg/L	5.0	5.0	1		05/28/14 02:51		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 22:28	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**23.6**	mg/L	5.0	2.5	1		05/22/14 22:28	16887-00-6	
Sulfate	**69.2**	mg/L	5.0	2.5	1		05/22/14 22:28	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**6.6**	mg/L	0.050	0.020	1		05/28/14 13:40	7664-41-7	

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B42-1 **Lab ID: 35138877009** Collected: 05/21/14 14:27 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.73**	Std. Units			1		05/22/14 11:13		
Field Temperature	**22.13**	deg C			1		05/22/14 11:13		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:13		
Field Specific Conductance	**839**	umhos/cm			1		05/22/14 11:13		
Oxygen, Dissolved	**0.51**	mg/L			1		05/22/14 11:13	7782-44-7	
REDOX	**32.9**	mV			1		05/22/14 11:13		
Turbidity	**2.03**	NTU			1		05/22/14 11:13		
Water Level(NGVD)	**20.79**	feet			1		05/22/14 11:13		
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	05/28/14 13:00	05/29/14 04:59	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/28/14 13:00	05/29/14 04:59	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:34	7440-38-2	
Barium	**118**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:34	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:34	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:34	7440-43-9	
Chromium	**2.5 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:34	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:34	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:34	7440-50-8	
Iron	**14200**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 23:34	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:34	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:34	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 23:34	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:34	7440-22-4	
Sodium	**93.0**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:34	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:34	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 23:34	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 11:11	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 11:11	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 04:10	05/28/14 10:47	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 02:38	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:38	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 02:38	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 02:38	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B42-1 **Lab ID: 35138877009** Collected: 05/21/14 14:27 Received: 05/21/14 16:35 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		05/28/14 02:38	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:38	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:38	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 02:38	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 02:38	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:38	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 02:38	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 02:38	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:38	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 02:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 02:38	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 02:38	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 02:38	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 02:38	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 02:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		05/28/14 02:38	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-125		1		05/28/14 02:38	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/28/14 02:38	2037-26-5	

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Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B42-1 **Lab ID: 35138877009** Collected: 05/21/14 14:27 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**636**	mg/L	5.0	5.0	1		05/28/14 02:52		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 22:49	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**78.5**	mg/L	5.0	2.5	1		05/22/14 22:49	16887-00-6	
Sulfate	**222**	mg/L	50.0	25.0	10		05/27/14 12:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.34**	mg/L	0.050	0.020	1		05/28/14 13:45	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B42-2 **Lab ID: 35138877010** Collected: 05/21/14 14:52 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.22**	Std. Units			1		05/22/14 11:14		
Field Temperature	**21.58**	deg C			1		05/22/14 11:14		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:14		
Field Specific Conductance	**281**	umhos/cm			1		05/22/14 11:14		
Oxygen, Dissolved	**0.31**	mg/L			1		05/22/14 11:14	7782-44-7	
REDOX	**6.7**	mV			1		05/22/14 11:14		
Turbidity	**7.77**	NTU			1		05/22/14 11:14		
Water Level(NGVD)	**24.31**	feet			1		05/22/14 11:14		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	05/28/14 13:00	05/29/14 05:14	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	05/28/14 13:00	05/29/14 05:14	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:38	7440-38-2	
Barium	**18.5**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:38	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:38	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:38	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:38	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:38	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:38	7440-50-8	
Iron	**2450**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 23:38	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:38	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:38	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 23:38	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:38	7440-22-4	
Sodium	**6.0**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:38	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:38	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 23:38	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 11:14	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 11:14	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 04:10	05/28/14 10:49	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 03:04	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:04	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 03:04	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 03:04	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B42-2 **Lab ID: 35138877010** Collected: 05/21/14 14:52 Received: 05/21/14 16:35 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		05/28/14 03:04	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:04	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:04	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 03:04	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 03:04	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:04	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 03:04	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 03:04	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:04	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 03:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:04	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 03:04	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 03:04	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 03:04	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	117	%	70-114		1		05/28/14 03:04	460-00-4	S3
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		05/28/14 03:04	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		05/28/14 03:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: B42-2 **Lab ID: 35138877010** Collected: 05/21/14 14:52 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**198**	mg/L	5.0	5.0	1		05/28/14 02:52		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/22/14 23:11	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**5.6**	mg/L	5.0	2.5	1		05/22/14 23:11	16887-00-6	
Sulfate	**7.8**	mg/L	5.0	2.5	1		05/22/14 23:11	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.22**	mg/L	0.050	0.020	1		05/28/14 13:48	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: M05-B **Lab ID: 35138877011** Collected: 05/21/14 15:41 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.27**	Std. Units			1		05/22/14 11:16		
Field Temperature	**23.55**	deg C			1		05/22/14 11:16		
Appearance	**Color: Yellow, Sheen: None**				1		05/22/14 11:16		
Field Specific Conductance	**1110**	umhos/cm			1		05/22/14 11:16		
Oxygen, Dissolved	**0.21**	mg/L			1		05/22/14 11:16	7782-44-7	
REDOX	**-15.3**	mV			1		05/22/14 11:16		
Turbidity	**0.76**	NTU			1		05/22/14 11:16		
Water Level(NGVD)	**19.39**	feet			1		05/22/14 11:16		
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	05/28/14 13:00	05/29/14 05:30	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/28/14 13:00	05/29/14 05:30	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:41	7440-38-2	
Barium	**166**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:41	7440-43-9	
Chromium	**4.3 I**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:41	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:41	7440-50-8	
Iron	**8650**	ug/L	40.0	20.0	1	05/23/14 03:20	05/24/14 23:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/23/14 03:20	05/24/14 23:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/23/14 03:20	05/24/14 23:41	7440-22-4	
Sodium	**132**	mg/L	1.0	0.50	1	05/23/14 03:20	05/24/14 23:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/23/14 03:20	05/24/14 23:41	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/23/14 03:20	05/24/14 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	05/23/14 03:20	05/28/14 11:17	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/23/14 03:20	05/28/14 11:17	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 04:10	05/28/14 10:51	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 03:29	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:29	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 03:29	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 03:29	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: M05-B **Lab ID: 35138877011** Collected: 05/21/14 15:41 Received: 05/21/14 16:35 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		05/28/14 03:29	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:29	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:29	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 03:29	74-87-3	L3
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 03:29	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:29	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 03:29	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 03:29	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:29	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 03:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 03:29	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 03:29	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 03:29	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 03:29	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 03:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-114		1		05/28/14 03:29	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	86-125		1		05/28/14 03:29	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/28/14 03:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: M05-B **Lab ID: 35138877011** Collected: 05/21/14 15:41 Received: 05/21/14 16:35 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**817**	mg/L	5.0	5.0	1		05/28/14 02:52		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/22/14 23:32	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**108**	mg/L	10.0	5.0	2		05/22/14 23:32	16887-00-6	
Sulfate	**62.2**	mg/L	10.0	5.0	2		05/22/14 23:32	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.7**	mg/L	0.050	0.020	1		05/28/14 13:49	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: Trip Blank 5/21/14 **Lab ID: 35138877012** Collected: 05/21/14 00:00 Received: 05/21/14 16:35 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		05/27/14 22:51	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/27/14 22:51	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/27/14 22:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/27/14 22:51	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/27/14 22:51	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/27/14 22:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/27/14 22:51	74-87-3	L3
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/27/14 22:51	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/27/14 22:51	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/27/14 22:51	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/27/14 22:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/27/14 22:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/27/14 22:51	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/27/14 22:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/27/14 22:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/27/14 22:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/27/14 22:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/27/14 22:51	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/27/14 22:51	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Sample: Trip Blank 5/21/14 **Lab ID: 35138877012** Collected: 05/21/14 00:00 Received: 05/21/14 16:35 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		05/27/14 22:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-114		1		05/27/14 22:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		05/27/14 22:51	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		05/27/14 22:51	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: MERP/4664 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 912905 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/28/14 10:08	

LABORATORY CONTROL SAMPLE: 912906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912907 912908

Parameter	Units	35138736003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	2	2	1.4	1.5	72	77	80-120	7	20	J(M1)

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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Ormond Beach, FL 32174
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: MPRP/18624 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 909637 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	05/23/14 23:12	
Barium	ug/L	5.0U	10.0	05/23/14 23:12	
Beryllium	ug/L	0.50U	1.0	05/23/14 23:12	
Cadmium	ug/L	0.50U	1.0	05/23/14 23:12	
Chromium	ug/L	2.5U	5.0	05/23/14 23:12	
Cobalt	ug/L	5.0U	10.0	05/23/14 23:12	
Copper	ug/L	2.5U	5.0	05/23/14 23:12	
Iron	ug/L	20.0U	40.0	05/23/14 23:12	
Lead	ug/L	5.0U	10.0	05/23/14 23:12	
Nickel	ug/L	2.5U	5.0	05/23/14 23:12	
Selenium	ug/L	7.5U	15.0	05/23/14 23:12	
Silver	ug/L	2.5U	5.0	05/23/14 23:12	
Sodium	mg/L	0.50U	1.0	05/23/14 23:12	
Vanadium	ug/L	5.0U	10.0	05/23/14 23:12	
Zinc	ug/L	10.0U	20.0	05/23/14 23:12	

LABORATORY CONTROL SAMPLE: 909638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	261	104	80-120	
Barium	ug/L	250	280	112	80-120	
Beryllium	ug/L	25	26.2	105	80-120	
Cadmium	ug/L	25	26.3	105	80-120	
Chromium	ug/L	250	271	108	80-120	
Cobalt	ug/L	250	265	106	80-120	
Copper	ug/L	250	275	110	80-120	
Iron	ug/L	2500	2550	102	80-120	
Lead	ug/L	250	259	104	80-120	
Nickel	ug/L	250	266	106	80-120	
Selenium	ug/L	250	276	110	80-120	
Silver	ug/L	25	27.3	109	80-120	
Sodium	mg/L	12.5	13.6	109	80-120	
Vanadium	ug/L	250	269	108	80-120	
Zinc	ug/L	1250	1320	106	80-120	

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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
Pace Project No.: 35138877

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909639 909640

Parameter	Units	35138877002 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	256	260	101	103	75-125	1	20	
Barium	ug/L	174	250	250	437	437	105	105	75-125	.02	20	
Beryllium	ug/L	0.50U	25	25	25.4	25.5	101	102	75-125	.3	20	
Cadmium	ug/L	0.50U	25	25	25.9	25.9	104	103	75-125	.1	20	
Chromium	ug/L	2.5U	250	250	260	260	103	104	75-125	.3	20	
Cobalt	ug/L	5.0U	250	250	264	266	105	106	75-125	.9	20	
Copper	ug/L	2.5U	250	250	256	256	102	102	75-125	0	20	
Iron	ug/L	20600	2500	2500	23100	23100	101	102	75-125	.09	20	
Lead	ug/L	5.0U	250	250	259	259	104	104	75-125	.04	20	
Nickel	ug/L	2.5U	250	250	264	266	106	106	75-125	.8	20	
Selenium	ug/L	7.5U	250	250	262	264	105	105	75-125	.8	20	
Silver	ug/L	2.5U	25	25	26.8	26.8	107	107	75-125	.3	20	
Sodium	mg/L	51.3	12.5	12.5	64.2	64.5	103	105	75-125	.4	20	
Vanadium	ug/L	5.0U	250	250	256	257	102	102	75-125	.2	20	
Zinc	ug/L	10.0U	1250	1250	1290	1300	103	104	75-125	.7	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: MPRP/18625 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 909641 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	05/28/14 11:51	
Thallium	ug/L	0.50U	1.0	05/28/14 11:51	

LABORATORY CONTROL SAMPLE: 909642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	49.1	98	80-120	
Thallium	ug/L	50	46.9	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909643 909644

Parameter	Units	35138877003 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	48.0	47.7	96	95	75-125	.7	20	
Thallium	ug/L	0.50U	50	50	48.2	48.0	96	96	75-125	.5	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: MSV/11792
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Associated Lab Samples: 35138877001

METHOD BLANK: 912544
Matrix: Water
Associated Lab Samples: 35138877001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/27/14 10:48	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/27/14 10:48	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/27/14 10:48	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/27/14 10:48	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/27/14 10:48	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/27/14 10:48	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/27/14 10:48	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/27/14 10:48	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/27/14 10:48	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/27/14 10:48	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/27/14 10:48	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/27/14 10:48	
2-Hexanone	ug/L	5.0U	10.0	05/27/14 10:48	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/27/14 10:48	
Acetone	ug/L	10.0U	20.0	05/27/14 10:48	
Acrylonitrile	ug/L	5.0U	10.0	05/27/14 10:48	
Benzene	ug/L	0.10U	1.0	05/27/14 10:48	
Bromochloromethane	ug/L	0.50U	1.0	05/27/14 10:48	
Bromodichloromethane	ug/L	0.27U	0.60	05/27/14 10:48	
Bromoform	ug/L	0.50U	1.0	05/27/14 10:48	
Bromomethane	ug/L	0.50U	1.0	05/27/14 10:48	
Carbon disulfide	ug/L	5.0U	10.0	05/27/14 10:48	
Carbon tetrachloride	ug/L	0.50U	1.0	05/27/14 10:48	
Chlorobenzene	ug/L	0.50U	1.0	05/27/14 10:48	
Chloroethane	ug/L	0.50U	1.0	05/27/14 10:48	
Chloroform	ug/L	0.50U	1.0	05/27/14 10:48	
Chloromethane	ug/L	0.62U	1.0	05/27/14 10:48	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/27/14 10:48	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/27/14 10:48	
Dibromochloromethane	ug/L	0.26U	0.50	05/27/14 10:48	
Dibromomethane	ug/L	0.50U	1.0	05/27/14 10:48	
Ethylbenzene	ug/L	0.50U	1.0	05/27/14 10:48	
Iodomethane	ug/L	0.50U	1.0	05/27/14 10:48	
Methylene Chloride	ug/L	2.5U	5.0	05/27/14 10:48	
Styrene	ug/L	0.50U	1.0	05/27/14 10:48	
Tetrachloroethene	ug/L	0.50U	1.0	05/27/14 10:48	
Toluene	ug/L	0.50U	1.0	05/27/14 10:48	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/27/14 10:48	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/27/14 10:48	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/27/14 10:48	
Trichloroethene	ug/L	0.50U	1.0	05/27/14 10:48	

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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

METHOD BLANK: 912544 Matrix: Water
Associated Lab Samples: 35138877001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	05/27/14 10:48	
Vinyl acetate	ug/L	1.0U	2.0	05/27/14 10:48	
Vinyl chloride	ug/L	0.50U	1.0	05/27/14 10:48	
Xylene (Total)	ug/L	0.50U	1.0	05/27/14 10:48	
1,2-Dichloroethane-d4 (S)	%	93	86-125	05/27/14 10:48	
4-Bromofluorobenzene (S)	%	105	70-114	05/27/14 10:48	
Toluene-d8 (S)	%	100	87-113	05/27/14 10:48	

LABORATORY CONTROL SAMPLE: 912545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.9	114	70-130	
1,1,1-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.7	89	70-130	
1,1,2-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1-Dichloroethane	ug/L	20	18.7	93	70-130	
1,1-Dichloroethene	ug/L	20	20.0	100	70-130	
1,2,3-Trichloropropane	ug/L	20	17.0	85	70-130	
1,2-Dichlorobenzene	ug/L	20	18.8	94	70-130	
1,2-Dichloroethane	ug/L	20	19.7	99	70-130	
1,2-Dichloropropane	ug/L	20	16.5	83	70-130	
1,4-Dichlorobenzene	ug/L	20	19.0	95	70-130	
2-Butanone (MEK)	ug/L	40	40.3	101	55-167	
2-Hexanone	ug/L	40	39.5	99	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	36.8	92	70-130	
Acetone	ug/L	40	50.1	125	40-150	
Acrylonitrile	ug/L	200	171	85	70-130	
Benzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	21.9	110	70-130	
Bromodichloromethane	ug/L	20	20.5	102	70-130	
Bromoform	ug/L	20	22.3	112	68-130	
Bromomethane	ug/L	20	24.6	123	38-179	
Carbon disulfide	ug/L	20	24.2	121	51-155	
Carbon tetrachloride	ug/L	20	21.4	107	70-130	
Chlorobenzene	ug/L	20	22.5	112	70-130	
Chloroethane	ug/L	20	21.9	109	59-149	
Chloroform	ug/L	20	20.7	104	70-130	
Chloromethane	ug/L	20	33.6	168	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	17.6	88	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.8	89	70-130	
Dibromochloromethane	ug/L	20	21.7	109	70-130	
Dibromomethane	ug/L	20	22.7	113	70-130	
Ethylbenzene	ug/L	20	21.3	107	70-130	
Iodomethane	ug/L	40	58.4	146	43-160	

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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
Pace Project No.: 35138877

LABORATORY CONTROL SAMPLE: 912545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	20	19.7	98	70-130	
Styrene	ug/L	20	22.0	110	70-130	
Tetrachloroethene	ug/L	20	21.2	106	66-133	
Toluene	ug/L	20	22.1	110	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.5	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.7	93	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.7	94	65-130	
Trichloroethene	ug/L	20	21.8	109	70-130	
Trichlorofluoromethane	ug/L	20	23.4	117	70-131	
Vinyl acetate	ug/L	20	17.5	88	69-135	
Vinyl chloride	ug/L	20	19.9	100	69-140	
Xylene (Total)	ug/L	60	65.3	109	70-130	
1,2-Dichloroethane-d4 (S)	%			96	86-125	
4-Bromofluorobenzene (S)	%			112	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 913640

Parameter	Units	35138838002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	22.8	114	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	22.0	110	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	17.7	89	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.7	103	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.4	97	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	22.1	110	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	16.6	83	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.5	92	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.9	99	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	15.7	79	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.2	96	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	39.0	98	48-138	
2-Hexanone	ug/L	5.0U	40	37.8	94	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	37.9	95	28-143	
Acetone	ug/L	10.0U	40	40.1	100	20-140	
Acrylonitrile	ug/L	5.0U	200	146	73	46-130	
Benzene	ug/L	0.10U	20	20.5	103	53-132	
Bromochloromethane	ug/L	0.50U	20	22.6	113	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.9	105	46-130	
Bromoform	ug/L	0.50U	20	20.7	103	32-130	
Bromomethane	ug/L	0.50U	20	23.8	119	20-152	
Carbon disulfide	ug/L	5.0U	20	26.5	133	28-184	
Carbon tetrachloride	ug/L	0.50U	20	24.7	124	37-137	
Chlorobenzene	ug/L	0.50U	20	21.0	105	46-130	
Chloroethane	ug/L	0.50U	20	22.8	114	48-159	
Chloroform	ug/L	0.50U	20	20.3	101	51-130	

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8 East Tower Circle
Ormond Beach, FL 32174
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

MATRIX SPIKE SAMPLE: 913640

Parameter	Units	35138838002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	0.62U	20	30.3	152	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.4	97	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.4	87	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.2	106	43-130	
Dibromomethane	ug/L	0.50U	20	23.0	115	50-130	
Ethylbenzene	ug/L	0.50U	20	21.1	105	43-130	
Iodomethane	ug/L	0.50U	40	54.6	137	20-169	
Methylene Chloride	ug/L	2.5U	20	20.7	104	51-135	
Styrene	ug/L	0.50U	20	21.7	108	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.9	105	26-130	
Toluene	ug/L	0.50U	20	21.9	110	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.4	97	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	16.8	84	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	15.7	78	20-139	
Trichloroethene	ug/L	0.50U	20	23.8	119	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	26.0	130	46-146	
Vinyl acetate	ug/L	1.0U	20	16.8	84	20-165	
Vinyl chloride	ug/L	0.50U	20	19.8	99	57-142	
Xylene (Total)	ug/L	0.50U	60	64.6	108	42-130	
1,2-Dichloroethane-d4 (S)	%				104	86-125	
4-Bromofluorobenzene (S)	%				110	70-114	
Toluene-d8 (S)	%				98	87-113	

SAMPLE DUPLICATE: 913639

Parameter	Units	35138838001 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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8 East Tower Circle
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

SAMPLE DUPLICATE: 913639

Parameter	Units	35138838001 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	0.90 I	0.71 I		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)	%	95	95	.4		
4-Bromofluorobenzene (S)	%	103	107	4		
Toluene-d8 (S)	%	101	99	2		

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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
Pace Project No.: 35138877

QC Batch: MSV/11799 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011, 35138877012

METHOD BLANK: 912902 Matrix: Water
Associated Lab Samples: 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011, 35138877012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/27/14 22:26	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/27/14 22:26	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/27/14 22:26	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/27/14 22:26	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/27/14 22:26	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/27/14 22:26	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/27/14 22:26	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/27/14 22:26	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/27/14 22:26	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/27/14 22:26	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/27/14 22:26	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/27/14 22:26	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/27/14 22:26	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/27/14 22:26	
2-Hexanone	ug/L	5.0U	10.0	05/27/14 22:26	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/27/14 22:26	
Acetone	ug/L	10.0U	20.0	05/27/14 22:26	
Acrylonitrile	ug/L	5.0U	10.0	05/27/14 22:26	
Benzene	ug/L	0.10U	1.0	05/27/14 22:26	
Bromochloromethane	ug/L	0.50U	1.0	05/27/14 22:26	
Bromodichloromethane	ug/L	0.27U	0.60	05/27/14 22:26	
Bromoform	ug/L	0.50U	1.0	05/27/14 22:26	
Bromomethane	ug/L	0.50U	1.0	05/27/14 22:26	
Carbon disulfide	ug/L	5.0U	10.0	05/27/14 22:26	
Carbon tetrachloride	ug/L	0.50U	1.0	05/27/14 22:26	
Chlorobenzene	ug/L	0.50U	1.0	05/27/14 22:26	
Chloroethane	ug/L	0.50U	1.0	05/27/14 22:26	
Chloroform	ug/L	0.50U	1.0	05/27/14 22:26	
Chloromethane	ug/L	0.62U	1.0	05/27/14 22:26	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/27/14 22:26	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/27/14 22:26	
Dibromochloromethane	ug/L	0.26U	0.50	05/27/14 22:26	
Dibromomethane	ug/L	0.50U	1.0	05/27/14 22:26	
Ethylbenzene	ug/L	0.50U	1.0	05/27/14 22:26	
Iodomethane	ug/L	0.50U	1.0	05/27/14 22:26	
Methylene Chloride	ug/L	2.5U	5.0	05/27/14 22:26	
Styrene	ug/L	0.50U	1.0	05/27/14 22:26	
Tetrachloroethene	ug/L	0.50U	1.0	05/27/14 22:26	
Toluene	ug/L	0.50U	1.0	05/27/14 22:26	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/27/14 22:26	

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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
Pace Project No.: 35138877

METHOD BLANK: 912902 Matrix: Water

Associated Lab Samples: 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011, 35138877012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/27/14 22:26	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/27/14 22:26	
Trichloroethene	ug/L	0.50U	1.0	05/27/14 22:26	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/27/14 22:26	
Vinyl acetate	ug/L	1.0U	2.0	05/27/14 22:26	
Vinyl chloride	ug/L	0.50U	1.0	05/27/14 22:26	
Xylene (Total)	ug/L	0.50U	1.0	05/27/14 22:26	
1,2-Dichloroethane-d4 (S)	%	92	86-125	05/27/14 22:26	
4-Bromofluorobenzene (S)	%	115	70-114	05/27/14 22:26	S3
Toluene-d8 (S)	%	96	87-113	05/27/14 22:26	

LABORATORY CONTROL SAMPLE: 912903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	105	70-130	
1,1,1-Trichloroethane	ug/L	20	19.0	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.2	86	70-130	
1,1,2-Trichloroethane	ug/L	20	20.3	101	70-130	
1,1-Dichloroethane	ug/L	20	17.0	85	70-130	
1,1-Dichloroethene	ug/L	20	18.7	93	70-130	
1,2,3-Trichloropropane	ug/L	20	16.3	82	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.9	105	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.8	99	70-130	
1,2-Dichlorobenzene	ug/L	20	19.2	96	70-130	
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	
1,2-Dichloropropane	ug/L	20	17.6	88	70-130	
1,4-Dichlorobenzene	ug/L	20	19.0	95	70-130	
2-Butanone (MEK)	ug/L	40	36.5	91	55-167	
2-Hexanone	ug/L	40	35.9	90	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	35.4	88	70-130	
Acetone	ug/L	40	43.0	107	40-150	
Acrylonitrile	ug/L	200	173	87	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	21.8	109	70-130	
Bromodichloromethane	ug/L	20	19.8	99	70-130	
Bromoform	ug/L	20	19.9	100	68-130	
Bromomethane	ug/L	20	27.3	137	38-179	
Carbon disulfide	ug/L	20	19.6	98	51-155	
Carbon tetrachloride	ug/L	20	20.1	100	70-130	
Chlorobenzene	ug/L	20	21.4	107	70-130	
Chloroethane	ug/L	20	18.6	93	59-149	
Chloroform	ug/L	20	18.5	92	70-130	
Chloromethane	ug/L	20	34.6	173	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
Pace Project No.: 35138877

LABORATORY CONTROL SAMPLE: 912903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	17.5	87	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.5	93	70-130	
Dibromochloromethane	ug/L	20	20.3	101	70-130	
Dibromomethane	ug/L	20	21.4	107	70-130	
Ethylbenzene	ug/L	20	20.1	101	70-130	
Iodomethane	ug/L	40	49.7	124	43-160	
Methylene Chloride	ug/L	20	18.4	92	70-130	
Styrene	ug/L	20	21.5	108	70-130	
Tetrachloroethene	ug/L	20	23.1	115	66-133	
Toluene	ug/L	20	20.6	103	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.9	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.9	95	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.9	74	65-130	
Trichloroethene	ug/L	20	21.0	105	70-130	
Trichlorofluoromethane	ug/L	20	23.2	116	70-131	
Vinyl acetate	ug/L	20	17.2	86	69-135	
Vinyl chloride	ug/L	20	19.5	97	69-140	
Xylene (Total)	ug/L	60	63.6	106	70-130	
1,2-Dichloroethane-d4 (S)	%			90	86-125	
4-Bromofluorobenzene (S)	%			113	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 914664

Parameter	Units	35138877003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	23.0	115	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	22.2	111	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	16.6	83	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	21.8	109	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	18.4	92	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.4	107	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	18.0	90	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	18.0	90	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	21.8	109	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.4	97	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.4	97	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.4	92	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.3	97	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	32.2	81	48-138	
2-Hexanone	ug/L	5.0U	40	35.1	88	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	35.7	89	28-143	
Acetone	ug/L	10.0U	40	30.8	77	20-140	
Acrylonitrile	ug/L	5.0U	200	133	67	46-130	
Benzene	ug/L	0.10U	20	19.9	100	53-132	
Bromochloromethane	ug/L	0.50U	20	22.7	113	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
Pace Project No.: 35138877

MATRIX SPIKE SAMPLE: 914664

Parameter	Units	35138877003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	21.8	109	46-130	
Bromoform	ug/L	0.50U	20	21.0	105	32-130	
Bromomethane	ug/L	0.50U	20	19.0	95	20-152	
Carbon disulfide	ug/L	5.0U	20	23.0	115	28-184	
Carbon tetrachloride	ug/L	0.50U	20	23.4	117	37-137	
Chlorobenzene	ug/L	0.50U	20	23.1	116	46-130	
Chloroethane	ug/L	0.50U	20	23.4	117	48-159	
Chloroform	ug/L	0.50U	20	20.8	104	51-130	
Chloromethane	ug/L	0.62U	20	31.4	157	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	18.0	90	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	18.8	94	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.0	105	43-130	
Dibromomethane	ug/L	0.50U	20	22.0	110	50-130	
Ethylbenzene	ug/L	0.50U	20	22.5	112	43-130	
Iodomethane	ug/L	0.50U	40	45.8	114	20-169	
Methylene Chloride	ug/L	2.5U	20	19.0	95	51-135	
Styrene	ug/L	0.50U	20	21.5	108	40-130	
Tetrachloroethene	ug/L	0.50U	20	22.7	113	26-130	
Toluene	ug/L	0.50U	20	22.6	113	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.3	101	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.8	94	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.6	68	20-139	
Trichloroethene	ug/L	0.50U	20	23.8	119	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	26.8	134	46-146	
Vinyl acetate	ug/L	1.0U	20	13.7	69	20-165	
Vinyl chloride	ug/L	0.50U	20	21.8	109	57-142	
Xylene (Total)	ug/L	0.50U	60	67.4	112	42-130	
1,2-Dichloroethane-d4 (S)	%				99	86-125	
4-Bromofluorobenzene (S)	%				113	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 914663

Parameter	Units	35138877002 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
Pace Project No.: 35138877

SAMPLE DUPLICATE: 914663

Parameter	Units	35138877002 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		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)	%	93	92	2		
4-Bromofluorobenzene (S)	%	107	106	1		
Toluene-d8 (S)	%	98	99	1		

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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
Pace Project No.: 35138877

QC Batch: OEXT/17473 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 913265 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/29/14 01:43	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/29/14 01:43	

LABORATORY CONTROL SAMPLE: 913266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	106	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.29	115	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913267 913268

Parameter	Units	35138877002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	.44	.44	0.49	0.55	113	125	60-140	10	40	
1,2-Dibromoethane (EDB)	ug/L	0.0068 U	.44	.44	0.53	0.56	121	129	60-140	7	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WET/25169 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 912950 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/28/14 02:49	

LABORATORY CONTROL SAMPLE: 912951

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	292	97	90-110	

SAMPLE DUPLICATE: 912952

Parameter	Units	35139378001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1140	1140	.2	20	

SAMPLE DUPLICATE: 912953

Parameter	Units	35139380001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2540	2570	1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WETA/36070 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005

METHOD BLANK: 909365 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/22/14 09:16	

LABORATORY CONTROL SAMPLE: 909366

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: 909367 909368

Parameter	Units	35138949001 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	5.2	5.2	104	103	90-110	.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 910052 910053

Parameter	Units	35138877004 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	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WETA/36071 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 909369 Matrix: Water
Associated Lab Samples: 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/22/14 19:58	

LABORATORY CONTROL SAMPLE: 909370

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909371 909372

Parameter	Units	35138888006 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	99	100	90-110	.5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909373 909374

Parameter	Units	35138968003 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	15.3	5	5	23.6	23.6	166	166	90-110	.05	20	J(M1), L

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WETA/36072 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005

METHOD BLANK: 909375 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/22/14 09:16	
Sulfate	mg/L	2.5U	5.0	05/22/14 09:16	

LABORATORY CONTROL SAMPLE: 909376

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.4	97	90-110	
Sulfate	mg/L	50	47.9	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 910141 910142

Parameter	Units	35138968003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	146	50	50	220	220	147	147	90-110	.07	20	J(M1), L
Sulfate	mg/L	49.5	50	50	104	104	109	109	90-110	.02	20	L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 910144 910145

Parameter	Units	35138877004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	24.4	50	50	78.5	78.3	108	108	90-110	.2	20	
Sulfate	mg/L	53.6	50	50	110	110	113	113	90-110	.01	20	J(M1), L

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WETA/36073 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

METHOD BLANK: 909377 Matrix: Water
Associated Lab Samples: 35138877006, 35138877007, 35138877008, 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/22/14 19:58	
Sulfate	mg/L	2.5U	5.0	05/22/14 19:58	

LABORATORY CONTROL SAMPLE: 909378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.9	100	90-110	
Sulfate	mg/L	50	49.4	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909379 909380

Parameter	Units	35138888006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	41.3	50	50	95.3	95.6	108	109	90-110	.3	20	
Sulfate	mg/L	2.5U	50	50	47.7	47.8	93	93	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 909381 909382

Parameter	Units	35138949001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.0	50	50	56.7	56.7	101	101	90-110	.01	20	
Sulfate	mg/L	27.7	50	50	82.2	81.9	109	108	90-110	.4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WETA/36203 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008

METHOD BLANK: 913215 Matrix: Water
Associated Lab Samples: 35138877001, 35138877002, 35138877003, 35138877004, 35138877005, 35138877006, 35138877007, 35138877008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/28/14 13:15	

LABORATORY CONTROL SAMPLE: 913216

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

MATRIX SPIKE SAMPLE: 913218

Parameter	Units	35138596003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.60	1	1.6	101	90-110	

SAMPLE DUPLICATE: 913217

Parameter	Units	35138596003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.60	0.60	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35138877

QC Batch: WETA/36204 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35138877009, 35138877010, 35138877011

METHOD BLANK: 913219 Matrix: Water
Associated Lab Samples: 35138877009, 35138877010, 35138877011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/28/14 13:41	

LABORATORY CONTROL SAMPLE: 913220

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

MATRIX SPIKE SAMPLE: 913222

Parameter	Units	35138877009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.34	1	1.3	94	90-110	

SAMPLE DUPLICATE: 913221

Parameter	Units	35138877009 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.34	0.34	.3	20	

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QUALIFIERS

Project: Tomoka Semi-annual
Pace Project No.: 35138877

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

BATCH QUALIFIERS

Batch: WETA/36203

[1]	Samples were not distilled.

Batch: WETA/36204

[1]	Samples were not distilled.

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.
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
Pace Project No.: 35138877

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35138877002	**B40-1**		FLD/		
35138877003	**B40-1 DUP**		FLD/		
35138877004	**B40-2**		FLD/		
35138877005	**B65**		FLD/		
35138877006	**B41-1**		FLD/		
35138877007	**B41-2**		FLD/		
35138877008	**B1-B**		FLD/		
35138877009	**B42-1**		FLD/		
35138877010	**B42-2**		FLD/		
35138877011	**M05-B**		FLD/		
35138877001	**EQ Blank 5/21/14**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877002	**B40-1**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877003	**B40-1 DUP**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877004	**B40-2**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877005	**B65**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877006	**B41-1**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877007	**B41-2**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877008	**B1-B**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877009	**B42-1**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877010	**B42-2**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877011	**M05-B**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35138877001	**EQ Blank 5/21/14**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877002	**B40-1**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877003	**B40-1 DUP**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877004	**B40-2**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877005	**B65**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877006	**B41-1**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877007	**B41-2**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877008	**B1-B**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877009	**B42-1**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877010	**B42-2**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877011	**M05-B**	EPA 3010	MPRP/18624	EPA 6010	ICP/11515
35138877001	**EQ Blank 5/21/14**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877002	**B40-1**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877003	**B40-1 DUP**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877004	**B40-2**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877005	**B65**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877006	**B41-1**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877007	**B41-2**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877008	**B1-B**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877009	**B42-1**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877010	**B42-2**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877011	**M05-B**	EPA 3010	MPRP/18625	EPA 6020	ICPM/7528
35138877001	**EQ Blank 5/21/14**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877002	**B40-1**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877003	**B40-1 DUP**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877004	**B40-2**	EPA 7470	MERP/4664	EPA 7470	MERC/4658

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35138877005	**B65**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877006	**B41-1**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877007	**B41-2**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877008	**B1-B**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877009	**B42-1**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877010	**B42-2**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877011	**M05-B**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35138877001	**EQ Blank 5/21/14**	EPA 8260	MSV/11792		
35138877002	**B40-1**	EPA 8260	MSV/11799		
35138877003	**B40-1 DUP**	EPA 8260	MSV/11799		
35138877004	**B40-2**	EPA 8260	MSV/11799		
35138877005	**B65**	EPA 8260	MSV/11799		
35138877006	**B41-1**	EPA 8260	MSV/11799		
35138877007	**B41-2**	EPA 8260	MSV/11799		
35138877008	**B1-B**	EPA 8260	MSV/11799		
35138877009	**B42-1**	EPA 8260	MSV/11799		
35138877010	**B42-2**	EPA 8260	MSV/11799		
35138877011	**M05-B**	EPA 8260	MSV/11799		
35138877012	**Trip Blank 5/21/14**	EPA 8260	MSV/11799		
35138877001	**EQ Blank 5/21/14**	SM 2540C	WET/25169		
35138877002	**B40-1**	SM 2540C	WET/25169		
35138877003	**B40-1 DUP**	SM 2540C	WET/25169		
35138877004	**B40-2**	SM 2540C	WET/25169		
35138877005	**B65**	SM 2540C	WET/25169		
35138877006	**B41-1**	SM 2540C	WET/25169		
35138877007	**B41-2**	SM 2540C	WET/25169		
35138877008	**B1-B**	SM 2540C	WET/25169		
35138877009	**B42-1**	SM 2540C	WET/25169		
35138877010	**B42-2**	SM 2540C	WET/25169		
35138877011	**M05-B**	SM 2540C	WET/25169		
35138877001	**EQ Blank 5/21/14**	EPA 300.0	WETA/36070		
35138877002	**B40-1**	EPA 300.0	WETA/36070		
35138877003	**B40-1 DUP**	EPA 300.0	WETA/36070		
35138877004	**B40-2**	EPA 300.0	WETA/36070		
35138877005	**B65**	EPA 300.0	WETA/36070		
35138877006	**B41-1**	EPA 300.0	WETA/36071		
35138877007	**B41-2**	EPA 300.0	WETA/36071		
35138877008	**B1-B**	EPA 300.0	WETA/36071		
35138877009	**B42-1**	EPA 300.0	WETA/36071		
35138877010	**B42-2**	EPA 300.0	WETA/36071		
35138877011	**M05-B**	EPA 300.0	WETA/36071		
35138877001	**EQ Blank 5/21/14**	EPA 300.0	WETA/36072		
35138877002	**B40-1**	EPA 300.0	WETA/36072		
35138877003	**B40-1 DUP**	EPA 300.0	WETA/36072		
35138877004	**B40-2**	EPA 300.0	WETA/36072		
35138877005	**B65**	EPA 300.0	WETA/36072		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual
Pace Project No.: 35138877

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35138877006	**B41-1**	EPA 300.0	WETA/36073		
35138877007	**B41-2**	EPA 300.0	WETA/36073		
35138877008	**B1-B**	EPA 300.0	WETA/36073		
35138877009	**B42-1**	EPA 300.0	WETA/36073		
35138877010	**B42-2**	EPA 300.0	WETA/36073		
35138877011	**M05-B**	EPA 300.0	WETA/36073		
35138877001	**EQ Blank 5/21/14**	EPA 350.1	WETA/36203		
35138877002	**B40-1**	EPA 350.1	WETA/36203		
35138877003	**B40-1 DUP**	EPA 350.1	WETA/36203		
35138877004	**B40-2**	EPA 350.1	WETA/36203		
35138877005	**B65**	EPA 350.1	WETA/36203		
35138877006	**B41-1**	EPA 350.1	WETA/36203		
35138877007	**B41-2**	EPA 350.1	WETA/36203		
35138877008	**B1-B**	EPA 350.1	WETA/36203		
35138877009	**B42-1**	EPA 350.1	WETA/36204		
35138877010	**B42-2**	EPA 350.1	WETA/36204		
35138877011	**M05-B**	EPA 350.1	WETA/36204		

WO#: 35138877

35138877

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1774446

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:

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	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	TDS, Sulfate	Nitrogen Ammonia (NH3)	Total Phosphorus	Total COD	Gross VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-21-14	0823		8	3	1	1	3					X	X	X	X	X	X		
2	B40-1						0925		1																
3	DUPLICATE						0925																		
4	B40-2						1000																		
5	B65						1022																		
6	B41-1						1154																		
7	B41-2						1222																		
8	B1-B						1334																		
9	B42-1						1427																		
10	B42-2						1452																		
11	MOS B						1541																		
12	TRIP BLANKS						—		2				2									X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	MSL / PACE	5-21-14	1635		5/21/14	1635	OK	Y	N	Y
							TLG			

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: MSL

DATE Signed (MM/DD/YY): 5-21-14

ORIGINAL

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

WELL NO: D | SAMPLE ID: EQ | DATE: 5-21-14

PURGING DATA

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

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

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

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

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Mark Gilbert / PACE	SAMPLER(S) SIGNATURE(S): [signature]	SAMPLING INITIATED AT: 0815	SAMPLING ENDED AT: 0823
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	6010, 6020/Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE			8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RF PP	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: B 40-1 / DUPLICATE | DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.40 | 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) = (29.60 feet – 5.40 feet) X 0.16 gallons/foot = 3.872 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12 | PURGING INITIATED AT: 0827 | PURGING ENDED AT: 0905 | TOTAL VOLUME PURGED (gallons): 5.70

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)
0853	3.90	3.90	0.15	10.32	5.43	21.35	630	0.54	0.53	Yellow	Sulfur
0859	0.90	4.80		10.32	5.44	21.39	636	0.39	0.48		
0905	0.90	5.70		10.32	5.44	21.41	636	0.38	0.30		

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 0905 | SAMPLING ENDED AT: 0925

PUMP OR TUBING DEPTH IN WELL (feet): 12 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.44	TDS, NITRATE, Cl	PP	100
	1		250	HNO3		<2	6010, 6020/Hg METHOD		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.44	8011 EDB		100
	3	CG	40	HCL		<2	8026 VOC	NT-PP	100

REMARKS: ORP 71.2 ORP 64.8 ORP 61.5

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 SCM

WELL NO: 2 | SAMPLE ID: B 40-2 | DATE: 5-21-14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (17.50 feet – 3.30 feet) X 0.16 gallons/foot = 2.272 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: 0917 | PURGING ENDED AT: 0950 | TOTAL VOLUME PURGED (gallons): 3.60

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)
0942	1.40	2.40	0.15	4.95	6.06	21.34	658	0.39	9.78	Yellow	Sulfur
0946	0.60	3.00	1	4.95	6.06	21.36	660	0.41	5.89		
0950	0.60	3.60	1	4.95	6.06	21.34	661	0.34	4.39	1	1

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./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: 0950 | SAMPLING ENDED AT: 1000

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		6.06	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg, Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.06	8011 DBP		100
	3	CG	40	HCL		<2	8026 VOC	RF PP	100

REMARKS: ORP 7.4 ORP 0.9 ORP -5.2

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 SEMI

WELL NO: 3 | SAMPLE ID: B6 5 | DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.55 | PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.60 feet – 3.55 feet) X ~~1.55~~ 0.16 gallons/foot = 2.248 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5 | PURGING INITIATED AT: 1020 | PURGING ENDED AT: 1033 | 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)
1029	2.25	2.25	0.25	3.83	6.13	20.83	513	0.40	1.44	yellow	sulfur
1031	0.50	2.75	1	3.83	6.13	20.83	513	0.35	0.75		
1033	0.50	3.25	1	3.83	6.13	20.85	514	0.29	1.11		

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: MATT GILBERT / PACE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 1033 | SAMPLING ENDED AT: ~~1034~~ 1022

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		6.13	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.13	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP -2.0 ORP -7.6 ORP -11.4

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

WELL NO: 4 | SAMPLE ID: B41-1 | DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.65 | 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) = (38.20 feet – 8.65 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): 10 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10 | PURGING INITIATED AT: 1114 | PURGING ENDED AT: 1148 | TOTAL VOLUME PURGED (gallons): 8.50

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)
1133	4.75	4.75	0.25	8.96	6.31	22.27	1717	0.30	4.21	Yellow	Sulfur
1138	1.25	6.00		8.96	6.30	22.39	1987	0.23	2.96		
1143	1.25	7.25		8.96	6.29	22.41	2026	0.22	2.27		
1148	1.25	8.50		8.96	6.28	22.49	2073	0.21	3.36		

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: 1148 | SAMPLING ENDED AT: 1154

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	Ice		6.28	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Gold, Gold/Hg, Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	TCG		6.28	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP -54.9 ORP -60.3 ORP -68.5 ORP -69.8

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 Semi | DATE: 5-21-14

WELL NO: 5 | SAMPLE ID: B41-2

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.85 | 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) = (17.00 feet – 4.85 feet) X 0.16 gallons/foot = 2.072 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: 1203 | PURGING ENDED AT: 1216 | 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 (S/cm)	DISSOLVED OXYGEN (circle units) (mg/l) or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1212	2.25	2.25	0.25	5.11	6.70	21.00	508	0.20	1.12	Yellow	Sulfur
1214	0.50	2.75	1	5.11	6.70	20.96	507	0.18	0.76		
1216	0.50	3.25		5.11	6.70	21.00	508	0.19	0.64		

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: 1216 | SAMPLING ENDED AT: 1222

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		6.70	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	Boro, Boro/Hg metals	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.70	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP-60.3 ORP-61.2 ORP-62.6

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: 6 | SAMPLE ID: B1-B | DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.00 | 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) = (35.90 feet – 8.00 feet) X 0.16 gallons/foot = 4.464 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: 1252 | PURGING ENDED AT: 1328 | 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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1320	4.50	4.50	0.25	8.45	6.38	23.25	777	0.53	4.32	yellow	sulfur
1324	1.00	5.50	↓	8.45	6.39	23.24	778	0.41	4.03		
1328	1.00	6.50		8.45	6.39	23.25	779	0.35	3.20		

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: 1328 | SAMPLING ENDED AT: 1334

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

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.39	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS		
	1		250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		6.39	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP -50.7 ORP -52.3 ORP -53.3

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 SOM 1

WELL NO: 7 | SAMPLE ID: B42-1 | DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 2.71 | 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) = (31.65 feet – 2.71 feet) X 0.16 gallons/foot = 3.8304 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11 | PURGING INITIATED AT: 1357 | PURGING ENDED AT: 1421 | TOTAL VOLUME PURGED (gallons): 6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1413	4.00	4.00	0.25	9.61	5.72	22.08	835	0.82	3.89	Yellow	Sulfur
1417	1.00	5.00		9.61	5.73	22.10	837	0.64	2.58		
1421	1.00	6.00		9.61	5.73	22.13	839	0.51	2.03		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./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: 1421 | SAMPLING ENDED AT: 1427

PUMP OR TUBING DEPTH IN WELL (feet): 11 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		5.73	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		5.73	8011 EDB		100
	3	CG	40	HCL		<2	8020 VOC	RFPP	100

REMARKS: ORP 40.6 ORP 37.5 ORP 32.9

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE
SITE LOCATION: TOMOKA SERVICE
WELL NO: 8
SAMPLE ID: B42-2
DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet): 4.05
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) = (14.90 feet – 4.05 feet) x 0.16 gallons/foot = 1.736 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: 1435
PURGING ENDED AT: 1446
TOTAL VOLUME PURGED (gallons): 2.75

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)
1442	1.75	1.75	0.25	4.91	6.22	21.51	280	0.36	6.10	Yellow	Sulfur
1444	0.50	2.25	1	4.91	6.22	21.55	281	0.34	6.26		
1446	0.50	2.75	1	4.91	6.22	21.58	281	0.31	7.77		

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: 1446
SAMPLING ENDED AT: 1452
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		6.22	TDS, NITRATE CL	PP	100
	1	↓	250	HNO3		<2	6010, 6020/Hg METALS	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		6.22	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 6.9 ORP 6.9 ORP 6.7

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: 9 | SAMPLE ID: M05 B | DATE: 5-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 9.85 | 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) = (35.85 feet – 9.85 feet) X 0.16 gallons/foot = 4.16 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12 | PURGING INITIATED AT: 1510 | PURGING ENDED AT: 1535 | TOTAL VOLUME PURGED (gallons): 6.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1527	4.25	4.25	0.25	10.45	6.29	23.41	1074	0.35	2.01	YELLOW	SULFUR
1531	1.00	5.25	1	10.45	6.28	23.51	1098	0.30	1.16		
1535	1.00	6.25	1	10.45	6.27	23.55	1110	0.21	0.76		

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: 1535 | SAMPLING ENDED AT: 1541

PUMP OR TUBING DEPTH IN WELL (feet): 12 | TUBING MATERIAL CODE: PE, S | FIELD-FILTERED: Y (N) | Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.27	TDS, MORAIC, Cl	PP	400
	1	↓	250	HNO3		<2	COD, 6020/HG, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.27	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP-1.8 ORP-10.3 ORP-15.3

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

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

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

Pace Analytical	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 # 35138877

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: 5-21-14 DI 1635

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

Thermometer Used T168 Type of Ice: (Wet) Blue None

Cooler Temperature °C 0.5 / 0.1 (Visual) -0.1 / -0.1 (Correction Factor) 0.4 / 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	☐
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 02, 2014

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

RE: Project: Tomoka Semi-annual
Pace Project No.: 35139132

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 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 Semi-annual
Pace Project No.: 35139132

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

SAMPLE SUMMARY

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35139132001	**EQ Blank 5/22/14**	Water	05/22/14 08:45	05/22/14 17:40
35139132002	**B61R**	Water	05/22/14 09:20	05/22/14 17:40
35139132003	**B61R Dup**	Water	05/22/14 09:20	05/22/14 17:40
35139132004	**B62-1R**	Water	05/22/14 10:02	05/22/14 17:40
35139132005	**B62-2R**	Water	05/22/14 10:25	05/22/14 17:40
35139132006	**B66**	Water	05/22/14 11:01	05/22/14 17:40
35139132007	**B70-1**	Water	05/22/14 11:54	05/22/14 17:40
35139132008	**B70-2**	Water	05/22/14 12:20	05/22/14 17:40
35139132009	**B43-1**	Water	05/22/14 13:19	05/22/14 17:40
35139132010	**B43-2**	Water	05/22/14 13:41	05/22/14 17:40
35139132011	**B71**	Water	05/22/14 14:18	05/22/14 17:40
35139132012	**B72**	Water	05/22/14 14:57	05/22/14 17:40
35139132013	**B73-1**	Water	05/22/14 15:55	05/22/14 17:40
35139132014	**B73-2**	Water	05/22/14 16:19	05/22/14 17:40
35139132015	**B74**	Water	05/22/14 17:06	05/22/14 17:40
35139132016	**Trip Blank 05/22/14**	Water	05/22/14 00:00	05/22/14 17:40

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8 East Tower Circle
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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35139132001	**EQ Blank 5/22/14**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132002	**B61R**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132003	**B61R Dup**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CRT	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132004	**B62-1R**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	AIS, JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132005	**B62-2R**	EPA 8011	LJM	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	AIS	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132006	**B66**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132007	**B70-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132008	**B70-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132009	**B43-1**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132010	**B43-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132011	**B71**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132012	**B72**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132013	**B73-1**	EPA 8011	LJM	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
Pace Project No.: 35139132

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132014	**B73-2**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132015	**B74**	EPA 8011	LJM	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	JNZ	1	PASI-O
		EPA 300.0	JNZ	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
35139132016	**Trip Blank 05/22/14**	EPA 8260	SK	50	PASI-O

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139132001	**EQ Blank 5/22/14**					
EPA 6010	Iron	53.1	ug/L	40.0	05/28/14 20:10	
35139132002	**B61R**					
	Field pH	6.40	Std. Units		05/22/14 09:20	
	Field Temperature	22.82	deg C		05/22/14 09:20	
	Appearance	Color: yellow, Sheen: none			05/22/14 09:20	
	Field Specific Conductance	1048	umhos/cm		05/22/14 09:20	
	Oxygen, Dissolved	0.56	mg/L		05/22/14 09:20	
	REDOX	-56.5	mV		05/22/14 09:20	
	Turbidity	0.41	NTU		05/22/14 09:20	
	Water Level(NGVD)	27.32	feet		05/22/14 09:20	
EPA 6010	Barium	152	ug/L	10.0	05/28/14 20:14	
EPA 6010	Iron	19700	ug/L	40.0	05/28/14 20:14	
EPA 6010	Sodium	26.5	mg/L	1.0	05/28/14 20:14	
EPA 8260	Chlorobenzene	0.74 I	ug/L	1.0	05/29/14 01:45	
SM 2540C	Total Dissolved Solids	663	mg/L	5.0	05/29/14 12:09	
EPA 300.0	Chloride	21.7	mg/L	5.0	05/27/14 13:26	
EPA 350.1	Nitrogen, Ammonia	10.8	mg/L	0.050	05/29/14 12:31	
35139132003	**B61R Dup**					
	Field pH	6.40	Std. Units		05/22/14 09:20	
	Field Temperature	22.82	deg C		05/22/14 09:20	
	Appearance	Color: yellow, Sheen: none			05/22/14 09:20	
	Field Specific Conductance	1048	umhos/cm		05/22/14 09:20	
	Oxygen, Dissolved	0.56	mg/L		05/22/14 09:20	
	REDOX	-56.50	mV		05/22/14 09:20	
	Turbidity	0.41	NTU		05/22/14 09:20	
	Water Level(NGVD)	27.32	feet		05/22/14 09:20	
EPA 6010	Barium	162	ug/L	10.0	05/28/14 20:17	
EPA 6010	Iron	20700	ug/L	40.0	05/28/14 20:17	
EPA 6010	Sodium	28.1	mg/L	1.0	05/28/14 20:17	
EPA 8260	Chlorobenzene	0.78 I	ug/L	1.0	05/29/14 02:35	
SM 2540C	Total Dissolved Solids	592	mg/L	5.0	05/29/14 12:09	
EPA 300.0	Chloride	21.7	mg/L	5.0	05/27/14 13:47	
EPA 350.1	Nitrogen, Ammonia	11.0	mg/L	0.050	05/29/14 12:32	
35139132004	**B62-1R**					
	Field pH	6.74	Std. Units		05/22/14 10:02	
	Field Temperature	23.67	deg C		05/22/14 10:02	
	Appearance	Color: yellow, Sheen: none			05/22/14 10:02	
	Field Specific Conductance	1930	umhos/cm		05/22/14 10:02	

Pace Analytical Services, Inc.
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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139132004	**B62-1R**					
	Oxygen, Dissolved	0.32	mg/L		05/22/14 10:02	
	REDOX	-103.1	mV		05/22/14 10:02	
	Turbidity	2.51	NTU		05/22/14 10:02	
	Water Level(NGVD)	27.43	feet		05/22/14 10:02	
EPA 6010	Barium	317	ug/L	10.0	05/28/14 20:21	
EPA 6010	Iron	15000	ug/L	40.0	05/28/14 20:21	
EPA 6010	Nickel	5.1	ug/L	5.0	05/28/14 20:21	
EPA 6010	Sodium	189	mg/L	1.0	05/28/14 20:21	
EPA 8260	Chlorobenzene	2.0	ug/L	1.0	05/29/14 03:00	
SM 2540C	Total Dissolved Solids	1110	mg/L	10.0	05/29/14 12:09	
EPA 300.0	Chloride	132	mg/L	25.0	05/23/14 13:19	
EPA 300.0	Sulfate	12.1	mg/L	5.0	05/27/14 14:09	
EPA 350.1	Nitrogen, Ammonia	67.3	mg/L	0.25	05/29/14 13:16	
35139132005	**B62-2R**					
	Field pH	6.62	Std. Units		05/22/14 10:25	
	Field Temperature	23.23	deg C		05/22/14 10:25	
	Appearance	Color: yellow, Sheen: none			05/22/14 10:25	
	Field Specific Conductance	961	umhos/cm		05/22/14 10:25	
	Oxygen, Dissolved	0.36	mg/L		05/22/14 10:25	
	REDOX	-68.5	mV		05/22/14 10:25	
	Turbidity	9.14	NTU		05/22/14 10:25	
	Water Level(NGVD)	27.26	feet		05/22/14 10:25	
EPA 6010	Barium	90.0	ug/L	10.0	05/28/14 20:25	
EPA 6010	Iron	6990	ug/L	40.0	05/28/14 20:25	
EPA 6010	Sodium	22.4	mg/L	1.0	05/28/14 20:25	
EPA 8260	Chlorobenzene	0.68 I	ug/L	1.0	05/29/14 03:25	
SM 2540C	Total Dissolved Solids	649	mg/L	5.0	05/29/14 12:10	
EPA 300.0	Chloride	17.6	mg/L	5.0	05/27/14 14:30	
EPA 350.1	Nitrogen, Ammonia	5.8	mg/L	0.050	05/29/14 12:36	
35139132006	**B66**					
	Field pH	6.79	Std. Units		05/22/14 11:01	
	Field Temperature	24.74	deg C		05/22/14 11:01	
	Appearance	Color: none, Sheen: none			05/22/14 11:01	
	Field Specific Conductance	486	umhos/cm		05/22/14 11:01	
	Oxygen, Dissolved	0.36	mg/L		05/22/14 11:01	
	REDOX	35.4	mV		05/22/14 11:01	
	Turbidity	0.93	NTU		05/22/14 11:01	
	Water Level(NGVD)	27.07	feet		05/22/14 11:01	
EPA 6010	Barium	39.0	ug/L	10.0	05/28/14 20:29	
EPA 6010	Iron	187	ug/L	40.0	05/28/14 20:29	
EPA 6010	Sodium	20.9	mg/L	1.0	05/28/14 20:29	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139132006	**B66**					
EPA 6010	Vanadium	5.9 I	ug/L	10.0	05/28/14 20:29	
EPA 8260	Acetone	15.1 I	ug/L	20.0	05/29/14 03:51	
SM 2540C	Total Dissolved Solids	310	mg/L	5.0	05/29/14 12:11	
EPA 300.0	Chloride	18.6	mg/L	5.0	05/23/14 14:02	
EPA 300.0	Sulfate	8.1	mg/L	5.0	05/23/14 14:02	
EPA 350.1	Nitrogen, Ammonia	0.11	mg/L	0.050	05/29/14 12:37	
35139132007	**B70-1**					
	Field pH	5.57	Std. Units		05/22/14 11:54	
	Field Temperature	24.95	deg C		05/22/14 11:54	
	Appearance	Color: none, Sheen: none			05/22/14 11:54	
	Field Specific Conductance	297	umhos/cm		05/22/14 11:54	
	Oxygen, Dissolved	0.21	mg/L		05/22/14 11:54	
	REDOX	58.0	mV		05/22/14 11:54	
	Turbidity	0.11	NTU		05/22/14 11:54	
	Water Level(NGVD)	24.03	feet		05/22/14 11:54	
EPA 6010	Barium	42.1	ug/L	10.0	05/28/14 20:44	
EPA 6010	Iron	6830	ug/L	40.0	05/28/14 20:44	
EPA 6010	Sodium	28.3	mg/L	1.0	05/28/14 20:44	
EPA 6010	Zinc	46.0	ug/L	20.0	05/28/14 20:44	
SM 2540C	Total Dissolved Solids	217	mg/L	5.0	05/29/14 12:11	
EPA 300.0	Chloride	35.1	mg/L	5.0	05/30/14 01:16	
EPA 300.0	Sulfate	50.6	mg/L	5.0	05/30/14 01:16	J(M1)
EPA 350.1	Nitrogen, Ammonia	0.028 I	mg/L	0.050	05/29/14 12:38	
35139132008	**B70-2**					
	Field pH	6.24	Std. Units		05/22/14 12:20	
	Field Temperature	24.92	deg C		05/22/14 12:20	
	Appearance	Color: yellow, Sheen: none			05/22/14 12:20	
	Field Specific Conductance	484	umhos/cm		05/22/14 12:20	
	Oxygen, Dissolved	0.61	mg/L		05/22/14 12:20	
	REDOX	26.6	mV		05/22/14 12:20	
	Turbidity	7.84	NTU		05/22/14 12:20	
	Water Level(NGVD)	24.61	feet		05/22/14 12:20	
EPA 6010	Barium	51.3	ug/L	10.0	05/28/14 20:48	
EPA 6010	Iron	3440	ug/L	40.0	05/28/14 20:48	
EPA 6010	Sodium	13.2	mg/L	1.0	05/28/14 20:48	
EPA 6010	Zinc	10.7 I	ug/L	20.0	05/28/14 20:48	
SM 2540C	Total Dissolved Solids	343	mg/L	5.0	05/29/14 12:11	
EPA 300.0	Nitrate as N	0.12	mg/L	0.050	05/23/14 15:06	
EPA 300.0	Chloride	22.6	mg/L	5.0	05/23/14 15:06	
EPA 300.0	Sulfate	48.7	mg/L	5.0	05/23/14 15:06	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139132009	**B43-1**					
	Field pH	6.02	Std. Units		05/22/14 13:19	
	Field Temperature	24.04	deg C		05/22/14 13:19	
	Appearance	Color: yellow, Sheen: none			05/22/14 13:19	
	Field Specific Conductance	746	umhos/cm		05/22/14 13:19	
	Oxygen, Dissolved	0.20	mg/L		05/22/14 13:19	
	REDOX	-9.7	mV		05/22/14 13:19	
	Turbidity	2.57	NTU		05/22/14 13:19	
	Water Level(NGVD)	16.67	feet		05/22/14 13:19	
EPA 6010	Barium	154	ug/L	10.0	05/28/14 20:51	
EPA 6010	Iron	25700	ug/L	40.0	05/28/14 20:51	
EPA 6010	Sodium	83.6	mg/L	1.0	05/28/14 20:51	
EPA 8260	Benzene	0.10 I	ug/L	1.0	05/29/14 05:06	
EPA 8260	Chlorobenzene	1.3	ug/L	1.0	05/29/14 05:06	
SM 2540C	Total Dissolved Solids	447	mg/L	5.0	05/29/14 12:11	
EPA 300.0	Chloride	89.5	mg/L	5.0	05/23/14 15:27	
EPA 300.0	Sulfate	28.2	mg/L	5.0	05/23/14 15:27	
EPA 350.1	Nitrogen, Ammonia	1.5	mg/L	0.050	05/29/14 12:40	
35139132010	**B43-2**					
	Field pH	6.14	Std. Units		05/22/14 13:41	
	Field Temperature	23.69	deg C		05/22/14 13:41	
	Appearance	Color: yellow, Sheen: none			05/22/14 13:41	
	Field Specific Conductance	566	umhos/cm		05/22/14 13:41	
	Oxygen, Dissolved	0.40	mg/L		05/22/14 13:41	
	REDOX	68.5	mV		05/22/14 13:41	
	Turbidity	12.70	NTU		05/22/14 13:41	
	Water Level(NGVD)	23.36	feet		05/22/14 13:41	
EPA 6010	Barium	18.3	ug/L	10.0	05/28/14 20:55	
EPA 6010	Chromium	2.9 I	ug/L	5.0	05/28/14 20:55	
EPA 6010	Iron	706	ug/L	40.0	05/28/14 20:55	
EPA 6010	Sodium	40.4	mg/L	1.0	05/28/14 20:55	
EPA 6010	Vanadium	5.4 I	ug/L	10.0	05/28/14 20:55	
SM 2540C	Total Dissolved Solids	444	mg/L	5.0	05/29/14 12:11	
EPA 300.0	Nitrate as N	0.44	mg/L	0.050	05/23/14 15:49	
EPA 300.0	Chloride	75.4	mg/L	5.0	05/23/14 15:49	
EPA 300.0	Sulfate	30.4	mg/L	5.0	05/23/14 15:49	
35139132011	**B71**					
	Field pH	5.80	Std. Units		05/22/14 14:18	
	Field Temperature	25.68	deg C		05/22/14 14:18	
	Appearance	Color: yellow, Sheen: none			05/22/14 14:18	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139132011	**B71**					
	Field Specific Conductance	206	umhos/cm		05/22/14 14:18	
	Oxygen, Dissolved	0.36	mg/L		05/22/14 14:18	
	REDOX	148.0	mV		05/22/14 14:18	
	Turbidity	7.14	NTU		05/22/14 14:18	
	Water Level(NGVD)	24.05	feet		05/22/14 14:18	
EPA 6010	Barium	13.2	ug/L	10.0	05/31/14 18:15	
EPA 6010	Iron	280	ug/L	40.0	05/31/14 18:15	
EPA 6010	Sodium	4.5	mg/L	1.0	05/31/14 18:15	
EPA 6010	Vanadium	8.0 I	ug/L	10.0	05/31/14 18:15	
EPA 6010	Zinc	17.5 I	ug/L	20.0	05/31/14 18:15	
SM 2540C	Total Dissolved Solids	185	mg/L	5.0	05/29/14 12:11	
EPA 300.0	Chloride	4.8 I	mg/L	5.0	05/23/14 16:53	
EPA 300.0	Sulfate	15.8	mg/L	5.0	05/23/14 16:53	
EPA 350.1	Nitrogen, Ammonia	0.028 I	mg/L	0.050	05/29/14 12:42	
35139132012	**B72**					
	Field pH	6.63	Std. Units		05/22/14 14:57	
	Field Temperature	26.41	deg C		05/22/14 14:57	
	Appearance	Color: yellow, Sheen: none			05/22/14 14:57	
	Field Specific Conductance	517	umhos/cm		05/22/14 14:57	
	Oxygen, Dissolved	2.27	mg/L		05/22/14 14:57	
	REDOX	133.8	mV		05/22/14 14:57	
	Turbidity	4.44	NTU		05/22/14 14:57	
	Water Level(NGVD)	23.53	feet		05/22/14 14:57	
EPA 6010	Barium	31.1	ug/L	10.0	05/31/14 18:18	
EPA 6010	Iron	339	ug/L	40.0	05/31/14 18:18	
EPA 6010	Sodium	4.1	mg/L	1.0	05/31/14 18:18	
EPA 6010	Zinc	75.7	ug/L	20.0	05/31/14 18:18	
SM 2540C	Total Dissolved Solids	349	mg/L	5.0	05/29/14 12:12	
EPA 300.0	Chloride	3.8 I	mg/L	5.0	05/24/14 05:01	
EPA 300.0	Sulfate	21.3	mg/L	5.0	05/24/14 05:01	
35139132013	**B73-1**					
	Field pH	6.64	Std. Units		05/22/14 15:55	
	Field Temperature	25.38	deg C		05/22/14 15:55	
	Appearance	Color: none, Sheen: none			05/22/14 15:55	
	Field Specific Conductance	730	umhos/cm		05/22/14 15:55	
	Oxygen, Dissolved	0.20	mg/L		05/22/14 15:55	
	REDOX	-99.4	mV		05/22/14 15:55	
	Turbidity	0.39	NTU		05/22/14 15:55	
	Water Level(NGVD)	22.70	feet		05/22/14 15:55	
EPA 6010	Barium	52.4	ug/L	10.0	05/31/14 18:22	
EPA 6010	Iron	13600	ug/L	40.0	05/31/14 18:22	

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SUMMARY OF DETECTION

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35139132013	**B73-1**					
EPA 6010	Sodium	41.1	mg/L	1.0	05/31/14 18:22	
SM 2540C	Total Dissolved Solids	382	mg/L	5.0	05/29/14 12:58	
EPA 300.0	Chloride	33.8	mg/L	5.0	05/23/14 18:19	
EPA 300.0	Sulfate	7.1	mg/L	5.0	05/23/14 18:19	
EPA 350.1	Nitrogen, Ammonia	0.063	mg/L	0.050	05/29/14 12:43	
35139132014	**B73-2**					
	Field pH	6.34	Std. Units		05/22/14 16:19	
	Field Temperature	26.06	deg C		05/22/14 16:19	
	Appearance	Color: yellow, Sheen: none			05/22/14 16:19	
	Field Specific Conductance	257	umhos/cm		05/22/14 16:19	
	Oxygen, Dissolved	0.24	mg/L		05/22/14 16:19	
	REDOX	-24.7	mV		05/22/14 16:19	
	Turbidity	5.44	NTU		05/22/14 16:19	
	Water Level(NGVD)	23.35	feet		05/22/14 16:19	
EPA 6010	Arsenic	8.0 I	ug/L	10.0	05/31/14 18:48	
EPA 6010	Barium	28.1	ug/L	10.0	05/31/14 18:48	
EPA 6010	Cobalt	5.5 I	ug/L	10.0	05/31/14 18:48	
EPA 6010	Iron	5180	ug/L	40.0	05/31/14 18:48	
EPA 6010	Nickel	3.4 I	ug/L	5.0	05/31/14 18:48	
EPA 6010	Sodium	4.3	mg/L	1.0	05/31/14 18:48	
EPA 6010	Zinc	31.7	ug/L	20.0	05/31/14 18:48	
SM 2540C	Total Dissolved Solids	179	mg/L	5.0	05/29/14 12:59	
EPA 300.0	Chloride	7.3	mg/L	5.0	05/23/14 18:40	
EPA 300.0	Sulfate	6.0	mg/L	5.0	05/23/14 18:40	
EPA 350.1	Nitrogen, Ammonia	0.038 I	mg/L	0.050	05/29/14 12:46	
35139132015	**B74**					
	Field pH	6.80	Std. Units		05/22/14 17:06	
	Field Temperature	24.21	deg C		05/22/14 17:06	
	Appearance	Color: yellow, Sheen: none			05/22/14 17:06	
	Field Specific Conductance	681	umhos/cm		05/22/14 17:06	
	Oxygen, Dissolved	0.18	mg/L		05/22/14 17:06	
	REDOX	-92.7	mV		05/22/14 17:06	
	Turbidity	6.11	NTU		05/22/14 17:06	
	Water Level(NGVD)	29.48	feet		05/22/14 17:06	
EPA 6010	Barium	49.2	ug/L	10.0	05/31/14 18:52	
EPA 6010	Iron	4740	ug/L	40.0	05/31/14 18:52	
EPA 6010	Sodium	43.4	mg/L	1.0	05/31/14 18:52	
SM 2540C	Total Dissolved Solids	440	mg/L	5.0	05/29/14 12:59	
EPA 300.0	Chloride	25.2	mg/L	5.0	05/23/14 19:01	
EPA 300.0	Sulfate	12.0	mg/L	5.0	05/23/14 19:01	
EPA 350.1	Nitrogen, Ammonia	0.077	mg/L	0.050	05/29/14 12:47	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: EQ Blank 5/22/14 **Lab ID: 35139132001** Collected: 05/22/14 08:45 Received: 05/22/14 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	05/28/14 13:00	05/29/14 05:45	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/28/14 13:00	05/29/14 05:45	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:10	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:10	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:10	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:10	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:10	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:10	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:10	7440-50-8	
Iron	**53.1**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:10	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:10	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:10	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:10	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:10	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:10	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:10	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:10	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:30	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:30	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 04:10	05/28/14 11:08	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/28/14 23:38	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/28/14 23:38	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/28/14 23:38	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/28/14 23:38	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 23:38	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/28/14 23:38	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/28/14 23:38	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/28/14 23:38	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: EQ Blank 5/22/14 **Lab ID: 35139132001** Collected: 05/22/14 08:45 Received: 05/22/14 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		05/28/14 23:38	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/28/14 23:38	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 23:38	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/28/14 23:38	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/28/14 23:38	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/28/14 23:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/28/14 23:38	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/28/14 23:38	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/28/14 23:38	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/28/14 23:38	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/28/14 23:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		05/28/14 23:38	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		05/28/14 23:38	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/28/14 23:38	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		05/29/14 12:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 12:15	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		05/23/14 12:15	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/23/14 12:15	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/29/14 12:30	7664-41-7	

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

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B61R **Lab ID: 35139132002** Collected: 05/22/14 09:20 Received: 05/22/14 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		05/22/14 09:20		
Field Temperature	**22.82**	deg C			1		05/22/14 09:20		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 09:20		
Field Specific Conductance	**1048**	umhos/cm			1		05/22/14 09:20		
Oxygen, Dissolved	**0.56**	mg/L			1		05/22/14 09:20	7782-44-7	
REDOX	**-56.5**	mV			1		05/22/14 09:20		
Turbidity	**0.41**	NTU			1		05/22/14 09:20		
Water Level(NGVD)	**27.32**	feet			1		05/22/14 09:20		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/28/14 13:00	05/29/14 06:00	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 06:00	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:14	7440-38-2	
Barium	**152**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:14	7440-50-8	
Iron	**19700**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:14	7440-22-4	
Sodium	**26.5**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:14	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:32	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:32	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 04:10	05/28/14 11:10	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 01:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 01:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 01:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 01:45	75-27-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B61R **Lab ID: 35139132002** Collected: 05/22/14 09:20 Received: 05/22/14 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		05/29/14 01:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 01:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 01:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	56-23-5	
Chlorobenzene	**0.74 I**	ug/L	1.0	0.50	1		05/29/14 01:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 01:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 01:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 01:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 01:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 01:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 01:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 01:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 01:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 01:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 01:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 01:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 01:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 01:45	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/29/14 01:45	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 01:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B61R **Lab ID: 35139132002** Collected: 05/22/14 09:20 Received: 05/22/14 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	**663**	mg/L	5.0	5.0	1		05/29/14 12:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/23/14 12:36	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**21.7**	mg/L	5.0	2.5	1		05/27/14 13:26	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 13:26	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**10.8**	mg/L	0.050	0.020	1		05/29/14 12:31	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B61R Dup **Lab ID: 35139132003** Collected: 05/22/14 09:20 Received: 05/22/14 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		05/22/14 09:20		
Field Temperature	**22.82**	deg C			1		05/22/14 09:20		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 09:20		
Field Specific Conductance	**1048**	umhos/cm			1		05/22/14 09:20		
Oxygen, Dissolved	**0.56**	mg/L			1		05/22/14 09:20	7782-44-7	
REDOX	**-56.50**	mV			1		05/22/14 09:20		
Turbidity	**0.41**	NTU			1		05/22/14 09:20		
Water Level(NGVD)	**27.32**	feet			1		05/22/14 09:20		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	05/28/14 13:00	05/29/14 06:30	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/28/14 13:00	05/29/14 06:30	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:17	7440-38-2	
Barium	**162**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:17	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:17	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:17	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:17	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:17	7440-50-8	
Iron	**20700**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:17	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:17	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:17	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:17	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:17	7440-22-4	
Sodium	**28.1**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:17	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:17	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:35	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 04:10	05/28/14 11:12	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 02:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 02:35	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 02:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 02:35	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B61R Dup **Lab ID: 35139132003** Collected: 05/22/14 09:20 Received: 05/22/14 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		05/29/14 02:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 02:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 02:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	56-23-5	
Chlorobenzene	**0.78 I**	ug/L	1.0	0.50	1		05/29/14 02:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 02:35	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 02:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 02:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 02:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 02:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 02:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 02:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 02:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 02:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 02:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 02:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 02:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-114		1		05/29/14 02:35	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/29/14 02:35	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 02:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B61R Dup **Lab ID: 35139132003** Collected: 05/22/14 09:20 Received: 05/22/14 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	**592**	mg/L	5.0	5.0	1		05/29/14 12:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/23/14 12:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**21.7**	mg/L	5.0	2.5	1		05/27/14 13:47	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 13:47	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**11.0**	mg/L	0.050	0.020	1		05/29/14 12:32	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B62-1R **Lab ID: 35139132004** Collected: 05/22/14 10:02 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.74**	Std. Units			1		05/22/14 10:02		
Field Temperature	**23.67**	deg C			1		05/22/14 10:02		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 10:02		
Field Specific Conductance	**1930**	umhos/cm			1		05/22/14 10:02		
Oxygen, Dissolved	**0.32**	mg/L			1		05/22/14 10:02	7782-44-7	
REDOX	**-103.1**	mV			1		05/22/14 10:02		
Turbidity	**2.51**	NTU			1		05/22/14 10:02		
Water Level(NGVD)	**27.43**	feet			1		05/22/14 10:02		
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	05/28/14 13:00	05/29/14 06:45	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/28/14 13:00	05/29/14 06:45	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:21	7440-38-2	
Barium	**317**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:21	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:21	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:21	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:21	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:21	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:21	7440-50-8	
Iron	**15000**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:21	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:21	7439-92-1	
Nickel	**5.1**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:21	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:21	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:21	7440-22-4	
Sodium	**189**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:21	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:21	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:21	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:45	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:45	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 07:10	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 03:00	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:00	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 03:00	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 03:00	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B62-1R **Lab ID: 35139132004** Collected: 05/22/14 10:02 Received: 05/22/14 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		05/29/14 03:00	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:00	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:00	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	56-23-5	
Chlorobenzene	**2.0**	ug/L	1.0	0.50	1		05/29/14 03:00	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 03:00	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 03:00	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:00	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 03:00	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 03:00	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:00	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 03:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:00	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 03:00	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 03:00	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 03:00	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 03:00	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	86-125		1		05/29/14 03:00	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 03:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B62-1R **Lab ID: 35139132004** Collected: 05/22/14 10:02 Received: 05/22/14 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	**1110**	mg/L	10.0	10.0	1		05/29/14 12:09		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.22U**	mg/L	0.25	0.22	5		05/23/14 13:19	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**132**	mg/L	25.0	12.5	5		05/23/14 13:19	16887-00-6	
Sulfate	**12.1**	mg/L	5.0	2.5	1		05/27/14 14:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**67.3**	mg/L	0.25	0.10	5		05/29/14 13:16	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B62-2R **Lab ID: 35139132005** Collected: 05/22/14 10:25 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.62**	Std. Units			1		05/22/14 10:25		
Field Temperature	**23.23**	deg C			1		05/22/14 10:25		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 10:25		
Field Specific Conductance	**961**	umhos/cm			1		05/22/14 10:25		
Oxygen, Dissolved	**0.36**	mg/L			1		05/22/14 10:25	7782-44-7	
REDOX	**-68.5**	mV			1		05/22/14 10:25		
Turbidity	**9.14**	NTU			1		05/22/14 10:25		
Water Level(NGVD)	**27.26**	feet			1		05/22/14 10:25		
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	05/28/14 13:00	05/29/14 07:00	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/28/14 13:00	05/29/14 07:00	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:25	7440-38-2	
Barium	**90.0**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:25	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:25	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:25	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:25	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:25	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:25	7440-50-8	
Iron	**6990**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:25	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:25	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:25	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:25	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:25	7440-22-4	
Sodium	**22.4**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:25	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:25	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:25	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:47	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:47	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 07:16	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 03:25	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:25	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 03:25	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 03:25	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B62-2R **Lab ID: 35139132005** Collected: 05/22/14 10:25 Received: 05/22/14 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		05/29/14 03:25	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:25	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:25	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	56-23-5	
Chlorobenzene	**0.68 I**	ug/L	1.0	0.50	1		05/29/14 03:25	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 03:25	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 03:25	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:25	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 03:25	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 03:25	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:25	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 03:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:25	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 03:25	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 03:25	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 03:25	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 03:25	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/29/14 03:25	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 03:25	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B62-2R **Lab ID: 35139132005** Collected: 05/22/14 10:25 Received: 05/22/14 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	**649**	mg/L	5.0	5.0	1		05/29/14 12:10		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.086U**	mg/L	0.10	0.086	2		05/23/14 13:40	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**17.6**	mg/L	5.0	2.5	1		05/27/14 14:30	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		05/27/14 14:30	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**5.8**	mg/L	0.050	0.020	1		05/29/14 12:36	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B66 **Lab ID: 35139132006** Collected: 05/22/14 11:01 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.79**	Std. Units			1		05/22/14 11:01		
Field Temperature	**24.74**	deg C			1		05/22/14 11:01		
Appearance	**Color: none, Sheen: none**				1		05/22/14 11:01		
Field Specific Conductance	**486**	umhos/cm			1		05/22/14 11:01		
Oxygen, Dissolved	**0.36**	mg/L			1		05/22/14 11:01	7782-44-7	
REDOX	**35.4**	mV			1		05/22/14 11:01		
Turbidity	**0.93**	NTU			1		05/22/14 11:01		
Water Level(NGVD)	**27.07**	feet			1		05/22/14 11:01		
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	05/28/14 13:00	05/29/14 07:15	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	05/28/14 13:00	05/29/14 07:15	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:29	7440-38-2	
Barium	**39.0**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:29	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:29	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:29	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:29	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:29	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:29	7440-50-8	
Iron	**187**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:29	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:29	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:29	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:29	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:29	7440-22-4	
Sodium	**20.9**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:29	7440-23-5	
Vanadium	**5.9 I**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:29	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:29	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:50	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 07:20	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**15.1 I**	ug/L	20.0	10.0	1		05/29/14 03:51	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:51	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 03:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 03:51	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B66 **Lab ID: 35139132006** Collected: 05/22/14 11:01 Received: 05/22/14 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		05/29/14 03:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:51	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 03:51	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 03:51	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:51	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 03:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 03:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:51	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 03:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 03:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 03:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 03:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 03:51	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 03:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 03:51	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		05/29/14 03:51	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/29/14 03:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B66 **Lab ID: 35139132006** Collected: 05/22/14 11:01 Received: 05/22/14 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	**310**	mg/L	5.0	5.0	1		05/29/14 12:11		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 14:02	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**18.6**	mg/L	5.0	2.5	1		05/23/14 14:02	16887-00-6	
Sulfate	**8.1**	mg/L	5.0	2.5	1		05/23/14 14:02	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.11**	mg/L	0.050	0.020	1		05/29/14 12:37	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B70-1 **Lab ID: 35139132007** Collected: 05/22/14 11:54 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.57**	Std. Units			1		05/22/14 11:54		
Field Temperature	**24.95**	deg C			1		05/22/14 11:54		
Appearance	**Color: none, Sheen: none**				1		05/22/14 11:54		
Field Specific Conductance	**297**	umhos/cm			1		05/22/14 11:54		
Oxygen, Dissolved	**0.21**	mg/L			1		05/22/14 11:54	7782-44-7	
REDOX	**58.0**	mV			1		05/22/14 11:54		
Turbidity	**0.11**	NTU			1		05/22/14 11:54		
Water Level(NGVD)	**24.03**	feet			1		05/22/14 11:54		
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	05/28/14 13:00	05/29/14 07:30	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/28/14 13:00	05/29/14 07:30	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:44	7440-38-2	
Barium	**42.1**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:44	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:44	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:44	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:44	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:44	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:44	7440-50-8	
Iron	**6830**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:44	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:44	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:44	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:44	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:44	7440-22-4	
Sodium	**28.3**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:44	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:44	7440-62-2	
Zinc	**46.0**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:44	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:52	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:52	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 07:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 04:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 04:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 04:16	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B70-1 **Lab ID: 35139132007** Collected: 05/22/14 11:54 Received: 05/22/14 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		05/29/14 04:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 04:16	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 04:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 04:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 04:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 04:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 04:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 04:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 04:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		05/29/14 04:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/29/14 04:16	17060-07-0	
Toluene-d8 (S)	98	%	87-113		1		05/29/14 04:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B70-1 **Lab ID: 35139132007** Collected: 05/22/14 11:54 Received: 05/22/14 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	**217**	mg/L	5.0	5.0	1		05/29/14 12:11		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 03:57	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**35.1**	mg/L	5.0	2.5	1		05/30/14 01:16	16887-00-6	
Sulfate	**50.6**	mg/L	5.0	2.5	1		05/30/14 01:16	14808-79-8	J(M1)
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.028 I**	mg/L	0.050	0.020	1		05/29/14 12:38	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B70-2 **Lab ID: 35139132008** Collected: 05/22/14 12:20 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.24**	Std. Units			1		05/22/14 12:20		
Field Temperature	**24.92**	deg C			1		05/22/14 12:20		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 12:20		
Field Specific Conductance	**484**	umhos/cm			1		05/22/14 12:20		
Oxygen, Dissolved	**0.61**	mg/L			1		05/22/14 12:20	7782-44-7	
REDOX	**26.6**	mV			1		05/22/14 12:20		
Turbidity	**7.84**	NTU			1		05/22/14 12:20		
Water Level(NGVD)	**24.61**	feet			1		05/22/14 12:20		
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	05/28/14 13:00	05/29/14 07:45	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	05/28/14 13:00	05/29/14 07:45	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:48	7440-38-2	
Barium	**51.3**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:48	7440-50-8	
Iron	**3440**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:48	7440-22-4	
Sodium	**13.2**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:48	7440-62-2	
Zinc	**10.7 I**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:48	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:55	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 07:25	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 04:41	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:41	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 04:41	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 04:41	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B70-2 **Lab ID: 35139132008** Collected: 05/22/14 12:20 Received: 05/22/14 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		05/29/14 04:41	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:41	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:41	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 04:41	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 04:41	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:41	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 04:41	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 04:41	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:41	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 04:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 04:41	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 04:41	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 04:41	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 04:41	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 04:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 04:41	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/29/14 04:41	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/29/14 04:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B70-2 **Lab ID: 35139132008** Collected: 05/22/14 12:20 Received: 05/22/14 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	**343**	mg/L	5.0	5.0	1		05/29/14 12:11		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.12**	mg/L	0.050	0.043	1		05/23/14 15:06	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**22.6**	mg/L	5.0	2.5	1		05/23/14 15:06	16887-00-6	
Sulfate	**48.7**	mg/L	5.0	2.5	1		05/23/14 15:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/29/14 12:39	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B43-1 **Lab ID: 35139132009** Collected: 05/22/14 13:19 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.02**	Std. Units			1		05/22/14 13:19		
Field Temperature	**24.04**	deg C			1		05/22/14 13:19		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 13:19		
Field Specific Conductance	**746**	umhos/cm			1		05/22/14 13:19		
Oxygen, Dissolved	**0.20**	mg/L			1		05/22/14 13:19	7782-44-7	
REDOX	**-9.7**	mV			1		05/22/14 13:19		
Turbidity	**2.57**	NTU			1		05/22/14 13:19		
Water Level(NGVD)	**16.67**	feet			1		05/22/14 13:19		
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	05/28/14 13:00	05/29/14 08:00	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	05/28/14 13:00	05/29/14 08:00	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:51	7440-38-2	
Barium	**154**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:51	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:51	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:51	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:51	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:51	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:51	7440-50-8	
Iron	**25700**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:51	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:51	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:51	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:51	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:51	7440-22-4	
Sodium	**83.6**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:51	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:51	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:51	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:57	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 10:57	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 07:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 05:06	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:06	107-13-1	
Benzene	**0.10 I**	ug/L	1.0	0.10	1		05/29/14 05:06	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 05:06	75-27-4	

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

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B43-1 **Lab ID: 35139132009** Collected: 05/22/14 13:19 Received: 05/22/14 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		05/29/14 05:06	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:06	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:06	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	56-23-5	
Chlorobenzene	**1.3**	ug/L	1.0	0.50	1		05/29/14 05:06	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 05:06	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 05:06	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:06	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 05:06	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 05:06	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:06	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 05:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:06	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 05:06	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 05:06	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 05:06	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/29/14 05:06	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/29/14 05:06	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 05:06	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B43-1 **Lab ID: 35139132009** Collected: 05/22/14 13:19 Received: 05/22/14 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	**447**	mg/L	5.0	5.0	1		05/29/14 12:11		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 15:27	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**89.5**	mg/L	5.0	2.5	1		05/23/14 15:27	16887-00-6	
Sulfate	**28.2**	mg/L	5.0	2.5	1		05/23/14 15:27	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.5**	mg/L	0.050	0.020	1		05/29/14 12:40	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B43-2 **Lab ID: 35139132010** Collected: 05/22/14 13:41 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.14**	Std. Units			1		05/22/14 13:41		
Field Temperature	**23.69**	deg C			1		05/22/14 13:41		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 13:41		
Field Specific Conductance	**566**	umhos/cm			1		05/22/14 13:41		
Oxygen, Dissolved	**0.40**	mg/L			1		05/22/14 13:41	7782-44-7	
REDOX	**68.5**	mV			1		05/22/14 13:41		
Turbidity	**12.70**	NTU			1		05/22/14 13:41		
Water Level(NGVD)	**23.36**	feet			1		05/22/14 13:41		
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	05/28/14 13:00	05/29/14 08:46	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 08:46	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:55	7440-38-2	
Barium	**18.3**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:55	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:55	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:55	7440-43-9	
Chromium	**2.9 I**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:55	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:55	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:55	7440-50-8	
Iron	**706**	ug/L	40.0	20.0	1	05/27/14 14:40	05/28/14 20:55	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:55	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:55	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/27/14 14:40	05/28/14 20:55	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/27/14 14:40	05/28/14 20:55	7440-22-4	
Sodium	**40.4**	mg/L	1.0	0.50	1	05/27/14 14:40	05/28/14 20:55	7440-23-5	
Vanadium	**5.4 I**	ug/L	10.0	5.0	1	05/27/14 14:40	05/28/14 20:55	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/27/14 14:40	05/28/14 20:55	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 11:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/27/14 14:40	05/28/14 11:00	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 07:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 05:31	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:31	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 05:31	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 05:31	75-27-4	

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B43-2 **Lab ID: 35139132010** Collected: 05/22/14 13:41 Received: 05/22/14 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		05/29/14 05:31	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:31	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:31	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 05:31	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 05:31	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:31	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 05:31	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 05:31	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:31	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 05:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:31	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 05:31	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 05:31	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 05:31	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 05:31	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/29/14 05:31	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/29/14 05:31	2037-26-5	

Pace Analytical Services, Inc.
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Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B43-2 **Lab ID: 35139132010** Collected: 05/22/14 13:41 Received: 05/22/14 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	**444**	mg/L	5.0	5.0	1		05/29/14 12:11		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.44**	mg/L	0.050	0.043	1		05/23/14 15:49	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**75.4**	mg/L	5.0	2.5	1		05/23/14 15:49	16887-00-6	
Sulfate	**30.4**	mg/L	5.0	2.5	1		05/23/14 15:49	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/29/14 12:41	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B71 **Lab ID: 35139132011** Collected: 05/22/14 14:18 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.80**	Std. Units			1		05/22/14 14:18		
Field Temperature	**25.68**	deg C			1		05/22/14 14:18		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 14:18		
Field Specific Conductance	**206**	umhos/cm			1		05/22/14 14:18		
Oxygen, Dissolved	**0.36**	mg/L			1		05/22/14 14:18	7782-44-7	
REDOX	**148.0**	mV			1		05/22/14 14:18		
Turbidity	**7.14**	NTU			1		05/22/14 14:18		
Water Level(NGVD)	**24.05**	feet			1		05/22/14 14:18		
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	05/28/14 13:00	05/29/14 09:46	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	05/28/14 13:00	05/29/14 09:46	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 18:15	7440-38-2	
Barium	**13.2**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:15	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:15	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:15	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:15	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:15	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:15	7440-50-8	
Iron	**280**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 18:15	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:15	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:15	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 18:15	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:15	7440-22-4	
Sodium	**4.5**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:15	7440-23-5	
Vanadium	**8.0 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:15	7440-62-2	
Zinc	**17.5 I**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 18:15	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 04:33	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:33	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 07:35	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 05:56	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:56	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 05:56	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 05:56	75-27-4	

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

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B71 **Lab ID: 35139132011** Collected: 05/22/14 14:18 Received: 05/22/14 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		05/29/14 05:56	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:56	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:56	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 05:56	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 05:56	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:56	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 05:56	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 05:56	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:56	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 05:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 05:56	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 05:56	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 05:56	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 05:56	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 05:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/29/14 05:56	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/29/14 05:56	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 05:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B71 **Lab ID: 35139132011** Collected: 05/22/14 14:18 Received: 05/22/14 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	**185**	mg/L	5.0	5.0	1		05/29/14 12:11		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 16:53	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**4.8 I**	mg/L	5.0	2.5	1		05/23/14 16:53	16887-00-6	
Sulfate	**15.8**	mg/L	5.0	2.5	1		05/23/14 16:53	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.028 I**	mg/L	0.050	0.020	1		05/29/14 12:42	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B72 **Lab ID: 35139132012** Collected: 05/22/14 14:57 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.63**	Std. Units			1		05/22/14 14:57		
Field Temperature	**26.41**	deg C			1		05/22/14 14:57		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 14:57		
Field Specific Conductance	**517**	umhos/cm			1		05/22/14 14:57		
Oxygen, Dissolved	**2.27**	mg/L			1		05/22/14 14:57	7782-44-7	
REDOX	**133.8**	mV			1		05/22/14 14:57		
Turbidity	**4.44**	NTU			1		05/22/14 14:57		
Water Level(NGVD)	**23.53**	feet			1		05/22/14 14:57		
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	05/28/14 13:00	05/29/14 10:01	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	05/28/14 13:00	05/29/14 10:01	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:18	7440-38-2	
Barium	**31.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:18	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:18	7440-50-8	
Iron	**339**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 18:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:18	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 18:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:18	7440-22-4	
Sodium	**4.1**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:18	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:18	7440-62-2	
Zinc	**75.7**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 18:18	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 04:42	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:42	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 07:38	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 06:21	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:21	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 06:21	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 06:21	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B72 **Lab ID: 35139132012** Collected: 05/22/14 14:57 Received: 05/22/14 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		05/29/14 06:21	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:21	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:21	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 06:21	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 06:21	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:21	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 06:21	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 06:21	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:21	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 06:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:21	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 06:21	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 06:21	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 06:21	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 06:21	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/29/14 06:21	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		05/29/14 06:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B72 **Lab ID: 35139132012** Collected: 05/22/14 14:57 Received: 05/22/14 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	**349**	mg/L	5.0	5.0	1		05/29/14 12:12		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/24/14 05:01	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**3.8 I**	mg/L	5.0	2.5	1		05/24/14 05:01	16887-00-6	
Sulfate	**21.3**	mg/L	5.0	2.5	1		05/24/14 05:01	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		05/29/14 12:43	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B73-1 **Lab ID: 35139132013** Collected: 05/22/14 15:55 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.64**	Std. Units			1		05/22/14 15:55		
Field Temperature	**25.38**	deg C			1		05/22/14 15:55		
Appearance	**Color: none, Sheen: none**				1		05/22/14 15:55		
Field Specific Conductance	**730**	umhos/cm			1		05/22/14 15:55		
Oxygen, Dissolved	**0.20**	mg/L			1		05/22/14 15:55	7782-44-7	
REDOX	**-99.4**	mV			1		05/22/14 15:55		
Turbidity	**0.39**	NTU			1		05/22/14 15:55		
Water Level(NGVD)	**22.70**	feet			1		05/22/14 15:55		
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	05/28/14 13:00	05/29/14 10:17	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 10:17	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:22	7440-38-2	
Barium	**52.4**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:22	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:22	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:22	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:22	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:22	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:22	7440-50-8	
Iron	**13600**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 18:22	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:22	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:22	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 18:22	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:22	7440-22-4	
Sodium	**41.1**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:22	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:22	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 18:22	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 04:53	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:53	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 07:40	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 06:46	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:46	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 06:46	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 06:46	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
Pace Project No.: 35139132

Sample: B73-1 **Lab ID: 35139132013** Collected: 05/22/14 15:55 Received: 05/22/14 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		05/29/14 06:46	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:46	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:46	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 06:46	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 06:46	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:46	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 06:46	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 06:46	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:46	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 06:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 06:46	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 06:46	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 06:46	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 06:46	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 06:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 06:46	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		05/29/14 06:46	17060-07-0	
Toluene-d8 (S)	97	%	87-113		1		05/29/14 06:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B73-1 **Lab ID: 35139132013** Collected: 05/22/14 15:55 Received: 05/22/14 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	**382**	mg/L	5.0	5.0	1		05/29/14 12:58		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 18:19	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.8**	mg/L	5.0	2.5	1		05/23/14 18:19	16887-00-6	
Sulfate	**7.1**	mg/L	5.0	2.5	1		05/23/14 18:19	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.063**	mg/L	0.050	0.020	1		05/29/14 12:43	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B73-2 **Lab ID: 35139132014** Collected: 05/22/14 16:19 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.34**	Std. Units			1		05/22/14 16:19		
Field Temperature	**26.06**	deg C			1		05/22/14 16:19		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 16:19		
Field Specific Conductance	**257**	umhos/cm			1		05/22/14 16:19		
Oxygen, Dissolved	**0.24**	mg/L			1		05/22/14 16:19	7782-44-7	
REDOX	**-24.7**	mV			1		05/22/14 16:19		
Turbidity	**5.44**	NTU			1		05/22/14 16:19		
Water Level(NGVD)	**23.35**	feet			1		05/22/14 16:19		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	05/28/14 13:00	05/29/14 10:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	05/28/14 13:00	05/29/14 10:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**8.0 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:48	7440-38-2	
Barium	**28.1**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:48	7440-47-3	
Cobalt	**5.5 I**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:48	7440-50-8	
Iron	**5180**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 18:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:48	7439-92-1	
Nickel	**3.4 I**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 18:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:48	7440-22-4	
Sodium	**4.3**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:48	7440-62-2	
Zinc	**31.7**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 18:48	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 04:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:55	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 07:42	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 07:12	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:12	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 07:12	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 07:12	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B73-2 **Lab ID: 35139132014** Collected: 05/22/14 16:19 Received: 05/22/14 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		05/29/14 07:12	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:12	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:12	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 07:12	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 07:12	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:12	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 07:12	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 07:12	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:12	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 07:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:12	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 07:12	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 07:12	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 07:12	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-114		1		05/29/14 07:12	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		05/29/14 07:12	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 07:12	2037-26-5	

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

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B73-2 **Lab ID: 35139132014** Collected: 05/22/14 16:19 Received: 05/22/14 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	**179**	mg/L	5.0	5.0	1		05/29/14 12:59		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 18:40	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**7.3**	mg/L	5.0	2.5	1		05/23/14 18:40	16887-00-6	
Sulfate	**6.0**	mg/L	5.0	2.5	1		05/23/14 18:40	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.038 I**	mg/L	0.050	0.020	1		05/29/14 12:46	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B74 **Lab ID: 35139132015** Collected: 05/22/14 17:06 Received: 05/22/14 17:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.80**	Std. Units			1		05/22/14 17:06		
Field Temperature	**24.21**	deg C			1		05/22/14 17:06		
Appearance	**Color: yellow, Sheen: none**				1		05/22/14 17:06		
Field Specific Conductance	**681**	umhos/cm			1		05/22/14 17:06		
Oxygen, Dissolved	**0.18**	mg/L			1		05/22/14 17:06	7782-44-7	
REDOX	**-92.7**	mV			1		05/22/14 17:06		
Turbidity	**6.11**	NTU			1		05/22/14 17:06		
Water Level(NGVD)	**29.48**	feet			1		05/22/14 17:06		
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	05/28/14 13:00	05/29/14 10:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	05/28/14 13:00	05/29/14 10:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:52	7440-38-2	
Barium	**49.2**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:52	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:52	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:52	7440-50-8	
Iron	**4740**	ug/L	40.0	20.0	1	05/30/14 09:55	05/31/14 18:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:52	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	05/30/14 09:55	05/31/14 18:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	05/30/14 09:55	05/31/14 18:52	7440-22-4	
Sodium	**43.4**	mg/L	1.0	0.50	1	05/30/14 09:55	05/31/14 18:52	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	05/30/14 09:55	05/31/14 18:52	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	05/30/14 09:55	05/31/14 18:52	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 04:58	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	05/31/14 12:55	06/01/14 04:58	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 07:44	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		05/29/14 07:37	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:37	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 07:37	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 07:37	75-27-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B74 **Lab ID: 35139132015** Collected: 05/22/14 17:06 Received: 05/22/14 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		05/29/14 07:37	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:37	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:37	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 07:37	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 07:37	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:37	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 07:37	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 07:37	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:37	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 07:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 07:37	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 07:37	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 07:37	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 07:37	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 07:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-114		1		05/29/14 07:37	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		05/29/14 07:37	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 07:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: B74 **Lab ID: 35139132015** Collected: 05/22/14 17:06 Received: 05/22/14 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	**440**	mg/L	5.0	5.0	1		05/29/14 12:59		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	**0.043U**	mg/L	0.050	0.043	1		05/23/14 19:01	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**25.2**	mg/L	5.0	2.5	1		05/23/14 19:01	16887-00-6	
Sulfate	**12.0**	mg/L	5.0	2.5	1		05/23/14 19:01	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.077**	mg/L	0.050	0.020	1		05/29/14 12:47	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: Trip Blank 05/22/14 **Lab ID: 35139132016** Collected: 05/22/14 00:00 Received: 05/22/14 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		05/29/14 00:03	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		05/29/14 00:03	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		05/29/14 00:03	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		05/29/14 00:03	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 00:03	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		05/29/14 00:03	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		05/29/14 00:03	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		05/29/14 00:03	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		05/29/14 00:03	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		05/29/14 00:03	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 00:03	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		05/29/14 00:03	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		05/29/14 00:03	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		05/29/14 00:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		05/29/14 00:03	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		05/29/14 00:03	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		05/29/14 00:03	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		05/29/14 00:03	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		05/29/14 00:03	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

Sample: Trip Blank 05/22/14 **Lab ID: 35139132016** Collected: 05/22/14 00:00 Received: 05/22/14 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		05/29/14 00:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		05/29/14 00:03	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		05/29/14 00:03	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		05/29/14 00:03	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: MERP/4664 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139132001, 35139132002, 35139132003

METHOD BLANK: 912905 Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	05/28/14 10:08	

LABORATORY CONTROL SAMPLE: 912906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912907 912908

Parameter	Units	35138736003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.10	2	2	1.4	1.5	72	77	80-120	7	20	J(M1)

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
Pace Project No.: 35139132

QC Batch: MERP/4667 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 913364 Matrix: Water
Associated Lab Samples: 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

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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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
Pace Project No.: 35139132

QC Batch: MPRP/18684 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010

METHOD BLANK: 912494 Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	05/28/14 18:44	
Barium	ug/L	5.0U	10.0	05/28/14 18:44	
Beryllium	ug/L	0.50U	1.0	05/28/14 18:44	
Cadmium	ug/L	0.50U	1.0	05/28/14 18:44	
Chromium	ug/L	2.5U	5.0	05/28/14 18:44	
Cobalt	ug/L	5.0U	10.0	05/28/14 18:44	
Copper	ug/L	2.5U	5.0	05/28/14 18:44	
Iron	ug/L	20.0U	40.0	05/28/14 18:44	
Lead	ug/L	5.0U	10.0	05/28/14 18:44	
Nickel	ug/L	2.5U	5.0	05/28/14 18:44	
Selenium	ug/L	7.5U	15.0	05/28/14 18:44	
Silver	ug/L	2.5U	5.0	05/28/14 18:44	
Sodium	mg/L	0.50U	1.0	05/28/14 18:44	
Vanadium	ug/L	5.0U	10.0	05/28/14 18:44	
Zinc	ug/L	10.0U	20.0	05/28/14 18:44	

LABORATORY CONTROL SAMPLE: 912495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	252	101	80-120	
Barium	ug/L	250	256	102	80-120	
Beryllium	ug/L	25	25.0	100	80-120	
Cadmium	ug/L	25	26.1	104	80-120	
Chromium	ug/L	250	258	103	80-120	
Cobalt	ug/L	250	265	106	80-120	
Copper	ug/L	250	242	97	80-120	
Iron	ug/L	2500	2600	104	80-120	
Lead	ug/L	250	267	107	80-120	
Nickel	ug/L	250	269	108	80-120	
Selenium	ug/L	250	268	107	80-120	
Silver	ug/L	25	25.9	104	80-120	
Sodium	mg/L	12.5	12.9	103	80-120	
Vanadium	ug/L	250	249	99	80-120	
Zinc	ug/L	1250	1290	103	80-120	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912496 912497

Parameter	Units	35138971001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	ug/L	5.7 I	250	250	251	251	98	98	75-125	.3	20	
Barium	ug/L	19.4	250	250	286	284	106	106	75-125	.4	20	
Beryllium	ug/L	0.50U	25	25	24.8	24.6	99	98	75-125	.9	20	
Cadmium	ug/L	0.50U	25	25	25.5	25.4	102	101	75-125	.5	20	
Chromium	ug/L	16.7	250	250	278	275	105	103	75-125	1	20	
Cobalt	ug/L	5.0U	250	250	260	259	104	103	75-125	.5	20	
Copper	ug/L	82.1	250	250	323	321	97	96	75-125	.8	20	
Iron	ug/L	4170	2500	2500	7420	7360	130	128	75-125	.8	20	J(M1)
Lead	ug/L	11.5	250	250	265	264	101	101	75-125	.4	20	
Nickel	ug/L	19.5	250	250	285	283	106	105	75-125	.6	20	
Selenium	ug/L	7.5U	250	250	260	258	103	103	75-125	.4	20	
Silver	ug/L	2.5U	25	25	25.8	25.7	103	103	75-125	.6	20	
Sodium	mg/L	2210 ug/L	12.5	12.5	15.2	15.1	104	103	75-125	1	20	
Vanadium	ug/L	17.8	250	250	272	270	102	101	75-125	.8	20	
Zinc	ug/L	91.5	1250	1250	1360	1350	101	101	75-125	.6	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: MPRP/18759 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 915546 Matrix: Water
Associated Lab Samples: 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

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
Pace Project No.: 35139132

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
Pace Project No.: 35139132

QC Batch: MPRP/18685 | Analysis Method: EPA 6020
QC Batch Method: EPA 3010 | Analysis Description: 6020 MET
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010

METHOD BLANK: 912498 | Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	05/28/14 09:40	
Thallium	ug/L	0.50U	1.0	05/28/14 09:40	

LABORATORY CONTROL SAMPLE: 912499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	46.9	94	80-120	
Thallium	ug/L	50	47.8	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 912500 912501

Parameter	Units	92201634002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.51 I	50	50	46.1	46.3	91	92	75-125	.3	20	
Thallium	ug/L	ND	50	50	48.6	49.0	97	98	75-125	.9	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: MPRP/18780 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 916701 Matrix: Water
Associated Lab Samples: 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

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
Pace Project No.: 35139132

QC Batch: MSV/11808 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015, 35139132016

METHOD BLANK: 913767 Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015, 35139132016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	05/28/14 22:47	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	05/28/14 22:47	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	05/28/14 22:47	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	05/28/14 22:47	
1,1-Dichloroethane	ug/L	0.50U	1.0	05/28/14 22:47	
1,1-Dichloroethene	ug/L	0.50U	1.0	05/28/14 22:47	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	05/28/14 22:47	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	05/28/14 22:47	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	05/28/14 22:47	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	05/28/14 22:47	
1,2-Dichloroethane	ug/L	0.50U	1.0	05/28/14 22:47	
1,2-Dichloropropane	ug/L	0.50U	1.0	05/28/14 22:47	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	05/28/14 22:47	
2-Butanone (MEK)	ug/L	5.0U	10.0	05/28/14 22:47	
2-Hexanone	ug/L	5.0U	10.0	05/28/14 22:47	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	05/28/14 22:47	
Acetone	ug/L	10.0U	20.0	05/28/14 22:47	
Acrylonitrile	ug/L	5.0U	10.0	05/28/14 22:47	
Benzene	ug/L	0.10U	1.0	05/28/14 22:47	
Bromochloromethane	ug/L	0.50U	1.0	05/28/14 22:47	
Bromodichloromethane	ug/L	0.27U	0.60	05/28/14 22:47	
Bromoform	ug/L	0.50U	1.0	05/28/14 22:47	
Bromomethane	ug/L	0.50U	1.0	05/28/14 22:47	
Carbon disulfide	ug/L	5.0U	10.0	05/28/14 22:47	
Carbon tetrachloride	ug/L	0.50U	1.0	05/28/14 22:47	
Chlorobenzene	ug/L	0.50U	1.0	05/28/14 22:47	
Chloroethane	ug/L	0.50U	1.0	05/28/14 22:47	
Chloroform	ug/L	0.50U	1.0	05/28/14 22:47	
Chloromethane	ug/L	0.62U	1.0	05/28/14 22:47	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	05/28/14 22:47	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	05/28/14 22:47	
Dibromochloromethane	ug/L	0.26U	0.50	05/28/14 22:47	
Dibromomethane	ug/L	0.50U	1.0	05/28/14 22:47	
Ethylbenzene	ug/L	0.50U	1.0	05/28/14 22:47	
Iodomethane	ug/L	0.50U	1.0	05/28/14 22:47	
Methylene Chloride	ug/L	2.5U	5.0	05/28/14 22:47	
Styrene	ug/L	0.50U	1.0	05/28/14 22:47	
Tetrachloroethene	ug/L	0.50U	1.0	05/28/14 22:47	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

METHOD BLANK: 913767 Matrix: Water

Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015, 35139132016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	0.50U	1.0	05/28/14 22:47	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	05/28/14 22:47	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	05/28/14 22:47	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	05/28/14 22:47	
Trichloroethene	ug/L	0.50U	1.0	05/28/14 22:47	
Trichlorofluoromethane	ug/L	0.50U	1.0	05/28/14 22:47	
Vinyl acetate	ug/L	1.0U	2.0	05/28/14 22:47	
Vinyl chloride	ug/L	0.50U	1.0	05/28/14 22:47	
Xylene (Total)	ug/L	0.50U	1.0	05/28/14 22:47	
1,2-Dichloroethane-d4 (S)	%	100	86-125	05/28/14 22:47	
4-Bromofluorobenzene (S)	%	94	70-114	05/28/14 22:47	
Toluene-d8 (S)	%	99	87-113	05/28/14 22:47	

LABORATORY CONTROL SAMPLE: 913768

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	21.2	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.1	111	70-130	
1,1,2-Trichloroethane	ug/L	20	22.7	114	70-130	
1,1-Dichloroethane	ug/L	20	21.9	109	70-130	
1,1-Dichloroethene	ug/L	20	21.2	106	70-130	
1,2,3-Trichloropropane	ug/L	20	25.8	129	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.1	100	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	22.6	113	70-130	
1,2-Dichlorobenzene	ug/L	20	21.4	107	70-130	
1,2-Dichloroethane	ug/L	20	21.2	106	70-130	
1,2-Dichloropropane	ug/L	20	21.5	108	70-130	
1,4-Dichlorobenzene	ug/L	20	20.8	104	70-130	
2-Butanone (MEK)	ug/L	40	50.5	126	55-167	
2-Hexanone	ug/L	40	47.8	120	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	46.3	116	70-130	
Acetone	ug/L	40	48.7	122	40-150	
Acrylonitrile	ug/L	200	241	120	70-130	
Benzene	ug/L	20	21.7	108	70-130	
Bromochloromethane	ug/L	20	22.4	112	70-130	
Bromodichloromethane	ug/L	20	21.0	105	70-130	
Bromoform	ug/L	20	19.2	96	68-130	
Bromomethane	ug/L	20	17.1	86	38-179	
Carbon disulfide	ug/L	20	21.5	107	51-155	
Carbon tetrachloride	ug/L	20	21.1	105	70-130	
Chlorobenzene	ug/L	20	21.7	109	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

LABORATORY CONTROL SAMPLE: 913768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	20	19.9	99	59-149	
Chloroform	ug/L	20	21.4	107	70-130	
Chloromethane	ug/L	20	17.7	88	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.4	107	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.6	103	70-130	
Dibromochloromethane	ug/L	20	21.3	106	70-130	
Dibromomethane	ug/L	20	22.4	112	70-130	
Ethylbenzene	ug/L	20	21.8	109	70-130	
Iodomethane	ug/L	40	34.3	86	43-160	
Methylene Chloride	ug/L	20	21.3	107	70-130	
Styrene	ug/L	20	22.2	111	70-130	
Tetrachloroethene	ug/L	20	23.4	117	66-133	
Toluene	ug/L	20	22.0	110	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.6	108	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.2	106	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.0	90	65-130	
Trichloroethene	ug/L	20	21.5	108	70-130	
Trichlorofluoromethane	ug/L	20	21.4	107	70-131	
Vinyl acetate	ug/L	20	21.3	107	69-135	
Vinyl chloride	ug/L	20	19.2	96	69-140	
Xylene (Total)	ug/L	60	66.4	111	70-130	
1,2-Dichloroethane-d4 (S)	%			91	86-125	
4-Bromofluorobenzene (S)	%			102	70-114	
Toluene-d8 (S)	%			98	87-113	

MATRIX SPIKE SAMPLE: 914968

Parameter	Units	35139132003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	18.5	92	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	19.0	95	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.8	94	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.3	96	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.4	97	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	17.4	87	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	21.8	109	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	16.0	80	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	18.4	92	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.0	90	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.4	92	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	18.7	94	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	17.7	87	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	36.8	92	48-138	
2-Hexanone	ug/L	5.0U	40	35.3	88	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	35.6	89	28-143	
Acetone	ug/L	10.0U	40	42.6	106	20-140	

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

QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

MATRIX SPIKE SAMPLE: 914968

Parameter	Units	35139132003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acrylonitrile	ug/L	5.0U	200	196	98	46-130	
Benzene	ug/L	0.10U	20	18.9	95	53-132	
Bromochloromethane	ug/L	0.50U	20	20.5	102	54-132	
Bromodichloromethane	ug/L	0.27U	20	18.0	90	46-130	
Bromoform	ug/L	0.50U	20	15.5	77	32-130	
Bromomethane	ug/L	0.50U	20	14.3	72	20-152	
Carbon disulfide	ug/L	5.0U	20	16.8	84	28-184	
Carbon tetrachloride	ug/L	0.50U	20	17.5	87	37-137	
Chlorobenzene	ug/L	0.78 I	20	19.3	93	46-130	
Chloroethane	ug/L	0.50U	20	21.1	106	48-159	
Chloroform	ug/L	0.50U	20	18.8	94	51-130	
Chloromethane	ug/L	0.62U	20	20.4	102	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	18.4	92	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	16.0	80	45-130	
Dibromochloromethane	ug/L	0.26U	20	17.3	87	43-130	
Dibromomethane	ug/L	0.50U	20	17.8	89	50-130	
Ethylbenzene	ug/L	0.50U	20	18.0	90	43-130	
Iodomethane	ug/L	0.50U	40	32.5	81	20-169	
Methylene Chloride	ug/L	2.5U	20	18.3	92	51-135	
Styrene	ug/L	0.50U	20	18.0	90	40-130	
Tetrachloroethene	ug/L	0.50U	20	15.1	75	26-130	
Toluene	ug/L	0.50U	20	18.8	94	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	18.0	90	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	16.8	84	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	16.1	81	20-139	
Trichloroethene	ug/L	0.50U	20	18.2	91	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	21.8	109	46-146	
Vinyl acetate	ug/L	1.0U	20	14.1	71	20-165	
Vinyl chloride	ug/L	0.50U	20	21.2	106	57-142	
Xylene (Total)	ug/L	0.50U	60	54.8	91	42-130	
1,2-Dichloroethane-d4 (S)	%				104	86-125	
4-Bromofluorobenzene (S)	%				94	70-114	
Toluene-d8 (S)	%				96	87-113	

SAMPLE DUPLICATE: 914967

Parameter	Units	35139132002 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	

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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
Pace Project No.: 35139132

SAMPLE DUPLICATE: 914967

Parameter	Units	35139132002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.50U	0.50U		40	
1,2-Dichlorobenzene	ug/L	0.50U	0.50U		40	
1,2-Dichloroethane	ug/L	0.50U	0.50U		40	
1,2-Dichloropropane	ug/L	0.50U	0.50U		40	
1,4-Dichlorobenzene	ug/L	0.50U	0.50U		40	
2-Butanone (MEK)	ug/L	5.0U	5.0U		40	
2-Hexanone	ug/L	5.0U	5.0U		40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	5.0U		40	
Acetone	ug/L	10.0U	10.0U		40	
Acrylonitrile	ug/L	5.0U	5.0U		40	
Benzene	ug/L	0.10U	0.10U		40	
Bromochloromethane	ug/L	0.50U	0.50U		40	
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	0.74 I	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)	%	105	106	.4		
4-Bromofluorobenzene (S)	%	89	89	.6		
Toluene-d8 (S)	%	99	100	1		

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REPORT OF LABORATORY ANALYSIS

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

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: OEXT/17473 | Analysis Method: EPA 8011
QC Batch Method: EPA 8011 | Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009

METHOD BLANK: 913265 | Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/29/14 01:43	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/29/14 01:43	

LABORATORY CONTROL SAMPLE: 913266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	106	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.29	115	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913267 913268

Parameter	Units	35138877002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0054 U	.44	.44	0.49	0.55	113	125	60-140	10	40	
1,2-Dibromoethane (EDB)	ug/L	0.0068 U	.44	.44	0.53	0.56	121	129	60-140	7	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: OEXT/17474 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 913269 Matrix: Water
Associated Lab Samples: 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	05/29/14 08:15	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	05/29/14 08:15	

LABORATORY CONTROL SAMPLE: 913270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	112	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.28	114	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 913271 913272

Parameter	Units	35139132010 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	0.48	0.45	109	103	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.0064 U	.44	.44	0.52	0.49	118	111	60-140	6	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: WET/25190 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012

METHOD BLANK: 914292 | Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/29/14 12:06	

LABORATORY CONTROL SAMPLE: 914293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	298	99	90-110	

SAMPLE DUPLICATE: 914294

Parameter	Units	35139063003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	362	362	0	20	

SAMPLE DUPLICATE: 914295

Parameter	Units	35139122002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	456	463	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: WET/25191 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35139132013, 35139132014, 35139132015

METHOD BLANK: 914297 | Matrix: Water
Associated Lab Samples: 35139132013, 35139132014, 35139132015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	05/29/14 12:58	

LABORATORY CONTROL SAMPLE: 914298

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

SAMPLE DUPLICATE: 914299

Parameter	Units	35139482003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	42.0	46.0	9	20	

SAMPLE DUPLICATE: 914300

Parameter	Units	35139482005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	48.0	44.0	9	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: WETA/36134 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 910901 Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/23/14 11:32	

LABORATORY CONTROL SAMPLE: 910902

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: 910903 910904

Parameter	Units	35139132006 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	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 910905 910906

Parameter	Units	35139132011 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	5.2	5.2	104	105	90-110	.4	20	

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Ormond Beach, FL 32174
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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: WETA/36135
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139132007

METHOD BLANK: 910907
Matrix: Water
Associated Lab Samples: 35139132007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.043U	0.050	05/23/14 21:53	

LABORATORY CONTROL SAMPLE: 910908

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: 910909 910910

Parameter	Units	35139138001 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	9.9	5	5	15.8	15.8	118	119	90-110	.3	20	J(M1), L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 911369 911370

Parameter	Units	35139176001 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	0.075	5	5	5.0	5.0	99	99	90-110	.6	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: WETA/36136 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 910911 Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/23/14 11:32	
Sulfate	mg/L	2.5U	5.0	05/23/14 11:32	

LABORATORY CONTROL SAMPLE: 910912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.2	98	90-110	
Sulfate	mg/L	50	48.4	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 910913 910914

Parameter	Units	35139132006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	18.6	50	50	71.9	72.0	107	107	90-110	.03	20	
Sulfate	mg/L	8.1	50	50	57.3	57.4	98	99	90-110	.3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 910915 910916

Parameter	Units	35139132011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.8 I	50	50	55.2	55.2	101	101	90-110	.03	20	
Sulfate	mg/L	15.8	50	50	68.3	68.4	105	105	90-110	.1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 35139132

QC Batch: WETA/36280
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35139132007

METHOD BLANK: 915131
Matrix: Water
Associated Lab Samples: 35139132007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	05/30/14 00:00	
Sulfate	mg/L	2.5U	5.0	05/30/14 00:00	

LABORATORY CONTROL SAMPLE: 915132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	46.9	94	90-110	
Sulfate	mg/L	50	46.8	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 915133 915134

Parameter	Units	35138939001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	39.4	50	50	88.7	88.8	99	99	90-110	.1	20	
Sulfate	mg/L	6.3	50	50	54.2	54.4	96	96	90-110	.3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 915135 915136

Parameter	Units	35139132007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	35.1	50	50	80.6	81.0	91	92	90-110	.5	20	
Sulfate	mg/L	50.6	50	50	93.2	93.8	85	86	90-110	.6	20	J(M1)

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
Pace Project No.: 35139132

QC Batch: WETA/36251 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

METHOD BLANK: 914517 Matrix: Water
Associated Lab Samples: 35139132001, 35139132002, 35139132003, 35139132004, 35139132005, 35139132006, 35139132007, 35139132008, 35139132009, 35139132010, 35139132011, 35139132012, 35139132013, 35139132014, 35139132015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	05/29/14 12:24	

LABORATORY CONTROL SAMPLE: 914518

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.96	96	90-110	

MATRIX SPIKE SAMPLE: 914520

Parameter	Units	35138936001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.31	1	1.3	100	90-110	

SAMPLE DUPLICATE: 914519

Parameter	Units	35138936001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.31	0.34	7	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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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALIFIERS

Project: Tomoka Semi-annual
Pace Project No.: 35139132

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

BATCH QUALIFIERS

Batch: WETA/36251

[1]	Samples were not distilled

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 Semi-annual
Pace Project No.: 35139132

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139132002	**B61R**		FLD/		
35139132003	**B61R Dup**		FLD/		
35139132004	**B62-1R**		FLD/		
35139132005	**B62-2R**		FLD/		
35139132006	**B66**		FLD/		
35139132007	**B70-1**		FLD/		
35139132008	**B70-2**		FLD/		
35139132009	**B43-1**		FLD/		
35139132010	**B43-2**		FLD/		
35139132011	**B71**		FLD/		
35139132012	**B72**		FLD/		
35139132013	**B73-1**		FLD/		
35139132014	**B73-2**		FLD/		
35139132015	**B74**		FLD/		
35139132001	**EQ Blank 5/22/14**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132002	**B61R**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132003	**B61R Dup**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132004	**B62-1R**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132005	**B62-2R**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132006	**B66**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132007	**B70-1**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132008	**B70-2**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132009	**B43-1**	EPA 8011	OEXT/17473	EPA 8011	GCSV/11435
35139132010	**B43-2**	EPA 8011	OEXT/17474	EPA 8011	GCSV/11436
35139132011	**B71**	EPA 8011	OEXT/17474	EPA 8011	GCSV/11436
35139132012	**B72**	EPA 8011	OEXT/17474	EPA 8011	GCSV/11436
35139132013	**B73-1**	EPA 8011	OEXT/17474	EPA 8011	GCSV/11436
35139132014	**B73-2**	EPA 8011	OEXT/17474	EPA 8011	GCSV/11436
35139132015	**B74**	EPA 8011	OEXT/17474	EPA 8011	GCSV/11436
35139132001	**EQ Blank 5/22/14**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132002	**B61R**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132003	**B61R Dup**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132004	**B62-1R**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132005	**B62-2R**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132006	**B66**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132007	**B70-1**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132008	**B70-2**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132009	**B43-1**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132010	**B43-2**	EPA 3010	MPRP/18684	EPA 6010	ICP/11546
35139132011	**B71**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139132012	**B72**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139132013	**B73-1**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139132014	**B73-2**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139132015	**B74**	EPA 3010	MPRP/18759	EPA 6010	ICP/11580
35139132001	**EQ Blank 5/22/14**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132002	**B61R**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552

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
Pace Project No.: 35139132

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139132003	**B61R Dup**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132004	**B62-1R**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132005	**B62-2R**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132006	**B66**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132007	**B70-1**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132008	**B70-2**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132009	**B43-1**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132010	**B43-2**	EPA 3010	MPRP/18685	EPA 6020	ICPM/7552
35139132011	**B71**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139132012	**B72**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139132013	**B73-1**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139132014	**B73-2**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139132015	**B74**	EPA 3010	MPRP/18780	EPA 6020	ICPM/7599
35139132001	**EQ Blank 5/22/14**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35139132002	**B61R**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35139132003	**B61R Dup**	EPA 7470	MERP/4664	EPA 7470	MERC/4658
35139132004	**B62-1R**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132005	**B62-2R**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132006	**B66**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132007	**B70-1**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132008	**B70-2**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132009	**B43-1**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132010	**B43-2**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132011	**B71**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132012	**B72**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132013	**B73-1**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132014	**B73-2**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132015	**B74**	EPA 7470	MERP/4667	EPA 7470	MERC/4662
35139132001	**EQ Blank 5/22/14**	EPA 8260	MSV/11808		
35139132002	**B61R**	EPA 8260	MSV/11808		
35139132003	**B61R Dup**	EPA 8260	MSV/11808		
35139132004	**B62-1R**	EPA 8260	MSV/11808		
35139132005	**B62-2R**	EPA 8260	MSV/11808		
35139132006	**B66**	EPA 8260	MSV/11808		
35139132007	**B70-1**	EPA 8260	MSV/11808		
35139132008	**B70-2**	EPA 8260	MSV/11808		
35139132009	**B43-1**	EPA 8260	MSV/11808		
35139132010	**B43-2**	EPA 8260	MSV/11808		
35139132011	**B71**	EPA 8260	MSV/11808		
35139132012	**B72**	EPA 8260	MSV/11808		
35139132013	**B73-1**	EPA 8260	MSV/11808		
35139132014	**B73-2**	EPA 8260	MSV/11808		
35139132015	**B74**	EPA 8260	MSV/11808		
35139132016	**Trip Blank 05/22/14**	EPA 8260	MSV/11808		
35139132001	**EQ Blank 5/22/14**	SM 2540C	WET/25190		
35139132002	**B61R**	SM 2540C	WET/25190		

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
Pace Project No.: 35139132

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139132003	**B61R Dup**	SM 2540C	WET/25190		
35139132004	**B62-1R**	SM 2540C	WET/25190		
35139132005	**B62-2R**	SM 2540C	WET/25190		
35139132006	**B66**	SM 2540C	WET/25190		
35139132007	**B70-1**	SM 2540C	WET/25190		
35139132008	**B70-2**	SM 2540C	WET/25190		
35139132009	**B43-1**	SM 2540C	WET/25190		
35139132010	**B43-2**	SM 2540C	WET/25190		
35139132011	**B71**	SM 2540C	WET/25190		
35139132012	**B72**	SM 2540C	WET/25190		
35139132013	**B73-1**	SM 2540C	WET/25191		
35139132014	**B73-2**	SM 2540C	WET/25191		
35139132015	**B74**	SM 2540C	WET/25191		
35139132001	**EQ Blank 5/22/14**	EPA 300.0	WETA/36134		
35139132002	**B61R**	EPA 300.0	WETA/36134		
35139132003	**B61R Dup**	EPA 300.0	WETA/36134		
35139132004	**B62-1R**	EPA 300.0	WETA/36134		
35139132005	**B62-2R**	EPA 300.0	WETA/36134		
35139132006	**B66**	EPA 300.0	WETA/36134		
35139132007	**B70-1**	EPA 300.0	WETA/36135		
35139132008	**B70-2**	EPA 300.0	WETA/36134		
35139132009	**B43-1**	EPA 300.0	WETA/36134		
35139132010	**B43-2**	EPA 300.0	WETA/36134		
35139132011	**B71**	EPA 300.0	WETA/36134		
35139132012	**B72**	EPA 300.0	WETA/36134		
35139132013	**B73-1**	EPA 300.0	WETA/36134		
35139132014	**B73-2**	EPA 300.0	WETA/36134		
35139132015	**B74**	EPA 300.0	WETA/36134		
35139132001	**EQ Blank 5/22/14**	EPA 300.0	WETA/36136		
35139132002	**B61R**	EPA 300.0	WETA/36136		
35139132003	**B61R Dup**	EPA 300.0	WETA/36136		
35139132004	**B62-1R**	EPA 300.0	WETA/36136		
35139132005	**B62-2R**	EPA 300.0	WETA/36136		
35139132006	**B66**	EPA 300.0	WETA/36136		
35139132007	**B70-1**	EPA 300.0	WETA/36280		
35139132008	**B70-2**	EPA 300.0	WETA/36136		
35139132009	**B43-1**	EPA 300.0	WETA/36136		
35139132010	**B43-2**	EPA 300.0	WETA/36136		
35139132011	**B71**	EPA 300.0	WETA/36136		
35139132012	**B72**	EPA 300.0	WETA/36136		
35139132013	**B73-1**	EPA 300.0	WETA/36136		
35139132014	**B73-2**	EPA 300.0	WETA/36136		
35139132015	**B74**	EPA 300.0	WETA/36136		
35139132001	**EQ Blank 5/22/14**	EPA 350.1	WETA/36251		
35139132002	**B61R**	EPA 350.1	WETA/36251		

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
Pace Project No.: 35139132

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35139132003	**B61R Dup**	EPA 350.1	WETA/36251		
35139132004	**B62-1R**	EPA 350.1	WETA/36251		
35139132005	**B62-2R**	EPA 350.1	WETA/36251		
35139132006	**B66**	EPA 350.1	WETA/36251		
35139132007	**B70-1**	EPA 350.1	WETA/36251		
35139132008	**B70-2**	EPA 350.1	WETA/36251		
35139132009	**B43-1**	EPA 350.1	WETA/36251		
35139132010	**B43-2**	EPA 350.1	WETA/36251		
35139132011	**B71**	EPA 350.1	WETA/36251		
35139132012	**B72**	EPA 350.1	WETA/36251		
35139132013	**B73-1**	EPA 350.1	WETA/36251		
35139132014	**B73-2**	EPA 350.1	WETA/36251		
35139132015	**B74**	EPA 350.1	WETA/36251		

WO# : 35139132

35139132

Pace Analytical
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equest Document

must be completed accurately.

Page: 1 of 2

1774447

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	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	NITROGEN, AMMONIA (NH3)	SOLUBLE METALS	TOTAL METALS	TOC	SUVA	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	GW	G			5-22-14	0845		8	3	1	1	3					X	X	X	X	X	X			
2	B61						0920																			
3	DUPLICATE						0920																			
4	B62-1R						1002																			
5	B62-2R						1025																			
6	B66						1101																			
7	B70-1						1154																			
8	B70-2						1220																			
9	B43-1						1319																			
10	B43-2						1341																			
11	B71						1418																			
12	B72						1457																			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	MS-2/PACE	5-22-14	1740	[illegible]	5/22/14	1740	DRY ICE / TH68 / N / Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 5-22-14

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

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

1774448

Section A Required Client Information:
Company: VOLUSIA COUNTY SOLID WASTE
Address: 1640 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	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED 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) CHLORIDE	SULFATE	TDS	AMMONIA (NH3)	SULFIDE	TOTAL METALS	DOH EDB	624.1 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B73-1	GW	G			5-22-14	1555		8	3	1	1	3					X	X	X	X	X	X	X			
2	B73-2	↓	↓			↓	1619		↓	↓	↓	↓	↓					↓	↓	↓	↓	↓	↓	↓			
3	B74 A	↓	↓			↓	1706		↓	↓	↓	↓	↓											X			
4	TRIP BLANKS	↓	↓			↓	—		2				2														
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	[signature] / PACE	5-22-14	1740	[signature]	5/22/14	1740

SAMPLE CONDITIONS: Temp in °C 07 | Received on Ice (Y/N) Y | Custody Sealed Cooler (Y/N) N | Samples Intact (Y/N) Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK GILBERT
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 5-22-14

*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: 0 | SAMPLE ID: EQ | DATE: 5-22-14

PURGING DATA

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

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (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: 0835 | SAMPLING ENDED AT: 0845

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			TOS, NITRATE, Cl	PP	400
	1		250	HNO3		<2	6010, 6020/Hg METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE			8011 EDB		100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP ORP ORP

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 61 / DUPLICATE | DATE: 5-22-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 12.50 | 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) = (28.67 feet – 12.50 feet) X 0.16 gallons/foot = 2.5872 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): 18 | PURGING INITIATED AT: 0850 | PURGING ENDED AT: 0907 | 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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0901	2.75	2.75	0.25	16.25	6.40	22.73	1045	0.68	0.72	Yellow	Sulfur
0904	0.50	3.25	|	16.38	6.40	22.84	1046	0.59	0.66	|	|
0907	0.50	3.75	|	16.43	6.46	22.82	1048	0.56	0.41	|	|

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: 0907 | SAMPLING ENDED AT: 0920

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		6.40	TDS, Nitrate, Cl	PP	400
	2	↓	250	HNO3		<2	Total, Lead, Metals	↓	↓
	2	↓	250	H2SO4		<2	NH3	↓	↓
	4	CG	40	ICE		6.40	Soil EDB	↓	100
	6	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP 52.8 ORP -54.9 ORP -56.5

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: Doniokka Stevens
WELL NO: 2
SAMPLE ID: B62-12
DATE: 5-22-16

PURGING DATA

WELL DIAMETER (inches): 2
TUBING DIAMETER (inches): 1/4
WELL SCREEN INTERVAL DEPTH: feet to feet
STATIC DEPTH TO WATER (feet): 12.30
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) = (38.10 feet – 12.30 feet) X 0.16 gallons/foot = 4.128 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): 14
FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14
PURGING INITIATED AT: 0931
PURGING ENDED AT: 0956
TOTAL VOLUME PURGED (gallons): 6.25

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0948	4.25	4.25	0.25	12.53	6.75	23.58	1850	0.48	1.97	Yellow	Sulfur
0952	1.00	5.25		12.53	6.74	23.60	1872	0.41	2.22		
0956	1.00	6.25		12.53	6.74	23.67	1930	0.32	2.51		

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" = 0.0005; 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: 0956
SAMPLING ENDED AT: 1002
PUMP OR TUBING DEPTH IN WELL (feet): 14
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		6.74	TDS, Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	Total Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.74	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-98.4 ORP-101.6 ORP-103.1

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: TOMOKA, VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI | DATE: 5-22-14

WELL NO: 3 | SAMPLE ID: B 62-2R

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 12.45 | 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) = (22.10 feet – 12.45 feet) X 0.16 gallons/foot = 1.544 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): 14 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 14 | PURGING INITIATED AT: 1008 | PURGING ENDED AT: 1019 | TOTAL VOLUME PURGED (gallons): 2.75

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)
1015	1.75	1.75	0.25	13.35	6.61	23.21	946	0.40	14.3	Yellow	Sulfur
1017	0.50	2.25	1	13.37	6.62	23.23	952	0.38	10.9	(	1
1019	0.50	2.75	1	13.38	6.62	23.23	961	0.36	9.14		

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./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: 1019 | SAMPLING ENDED AT: 1025

PUMP OR TUBING DEPTH IN WELL (feet): 14 | TUBING MATERIAL CODE: PE.S | FIELD-FILTERED: Y (N) Filtration Equipment Type: | FILTER SIZE: ____ µm

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

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	PE	1000	ICE		6.62	TDS, NH3, Br, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020/Hg, Metals	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.62	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP-60.3 ORP-65.0 ORP-68.5

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 | DATE: 5-22-14

WELL NO: 4 | SAMPLE ID: B 66

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.20 | 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) = (17.10 feet – 4.20 feet) x 0.16 gallons/foot = 2.064 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: 1042 | PURGING ENDED AT: 1055 | 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)
1051	2.25	2.25	0.25	4.97	6.79	24.87	482	0.31	1.96	CLEAR	NONE
1053	0.50	2.75	1	4.97	6.79	24.81	485	0.32	0.93		
1055	0.50	3.25		4.97	6.79	24.74	486	0.36	0.93		

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: 1055 | SAMPLING ENDED AT: 1101

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 (N) 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		6.79	TDS, NITRATE, CL	PP	400
	1		250	HNO3		<2	6010 6020/Hg METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.79	8011 EDB		100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 37.6 ORP 36.3 ORP 35.4

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

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

WELL NO: 5 | SAMPLE ID: B 70-1 | DATE: 5-22-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.00 | 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) = (39.15 feet – 7.00 feet) X 0.16 gallons/foot = 5.144 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 1117 | PURGING ENDED AT: 1148 | 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)
1138	5.25	5.25	0.25	7.69	5.60	24.81	291	0.29	0.28	CLEAR	SULFUR
1143	1.25	6.50	↓	7.69	5.57	24.80	296	0.25	0.17	↓	↓
1148	1.25	7.75	↓	7.69	5.57	24.95	297	0.21	0.11	↓	↓

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: 1148 | SAMPLING ENDED AT: 1154

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		5.57	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020/Hg, METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		5.57	8011 EDB	↓	100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP 57.1 ORP 58.7 ORP 58.0

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 Semi | DATE: 5-22-14

WELL NO: 6 | SAMPLE ID: B 70-2

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.90 | 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) = (21.91 feet – 6.90 feet) X 0.16 gallons/foot = 2.4016 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: 1158 | PURGING ENDED AT: 1214 | TOTAL VOLUME PURGED (gallons): 4.00

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)
1208	2.50	2.50	0.25	8.15	6.33	25.17	493	0.89	29.1	Yellow	none
1210	0.50	3.00		8.18	6.32	24.80	490	1.03	12.98		
1212	0.50	3.50		8.20	6.27	24.90	487	0.85	9.75		
1214	0.50	4.00		8.21	6.24	24.92	484	0.61	7.84		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./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: 1214 | SAMPLING ENDED AT: 1220

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		6.24	TDS/Nitrate, Cl	PP	400
	1	↓	250	HNO3		<2	6010/6020 Metals	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		6.24	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 31.9 ORP 26.8 ORP 27.1 ORP 26.6

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: 7 | SAMPLE ID: B43-1 | DATE: 5-22-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.00 | 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) = (28.70 feet – 5.00 feet) X 0.16 gallons/foot = 3.792 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): 7 | PURGING INITIATED AT: 1249 | PURGING ENDED AT: 1313 | TOTAL VOLUME PURGED (gallons): 6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or (mS/cm)	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1305	1.00	4.00	0.25	6.25	6.03	23.93	755	0.24	4.37	Yellow	Sulfur
1309	1.00	5.00	|	6.25	6.03	24.01	751	0.21	3.12	|	|
1313	1.00	6.00	|	6.25	6.02	24.04	746	0.20	2.57		

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: 1313 | SAMPLING ENDED AT: 1319

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		6.02	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	SOD, 6020/Hg METALS	↓	↓
	1	↓	250	H2SO4		<2	NH3	↓	↓
	2	CG	40	ICE		6.02	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -11.0 ORP -10.7 ORP -9.7

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 | DATE: 5-22-14

WELL NO: 8 | SAMPLE ID: B43-2

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.85 | 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) = (14.75 feet – 4.85 feet) X 0.16 gallons/foot = 1.584 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): 7 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | PURGING INITIATED AT: 1324 | PURGING ENDED AT: 1335 | TOTAL VOLUME PURGED (gallons): 2.75

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)
1331	1.75	1.75	0.25	6.43	6.13	23.78	571	0.47	7.78	Yellow	None
1333	0.50	2.25		6.58	6.13	23.74	569	0.43	10.46		
1335	0.50	2.75		6.69	6.14	23.69	566	0.40	12.70		

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: 1335 | SAMPLING ENDED AT: 1341

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		6.14	TDS, NITRATE, Cl	PP	400
	1		250	HNO3		<2	6010, 6020/Hg METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.14	8011 EDB		100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP 51.9 ORP 59.9 ORP 68.5

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 LAND FILL | DATE: 5-22-14

WELL NO: 9 | SAMPLE ID: B 71

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) = (21.30 feet – 6.70 feet) X 0.16 gallons/foot = 2.336 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: 1358 | PURGING ENDED AT: 1412 | 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)
1408	2.50	2.50	0.25	8.32	5.76	25.73	198	0.53	9.54	Yellow	SULFUR
1410	0.50	3.00	0.25	8.33	5.78	25.75	201	0.43	7.88		
1412	0.50	3.50	0.25	8.33	5.80	25.68	206	0.36	7.14		

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: 1412 | SAMPLING ENDED AT: 1418

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		5.80	305, NITRATE, Cl	PP	400
	1	↑	250	HNO3		<2	6010/6020/14 METALS		
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		5.80	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP 148.9 ORP 148.6 ORP 148.0

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 SEMI

WELL NO: 10 | SAMPLE ID: B72 | DATE: 5-22-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.40 | 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) = (27.50 feet – 5.40 feet) X 0.16 gallons/foot = 3.536 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: 1428 | PURGING ENDED AT: 1451 | TOTAL VOLUME PURGED (gallons): 5.75

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)
1443	3.75	3.75	0.25	7.65	6.63	26.40	515	2.39	7.73	YELLOW	NONE
1447	1.00	4.75	1	7.72	6.63	26.30	516	2.35	5.64	1	1
1451	1.00	5.75	1	7.76	6.63	26.41	~~1.44~~ 517 mS	2.27	4.44		

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: 1451 | SAMPLING ENDED AT: 1457

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		6.63	TDS, NITRATE, Cl	PP	100
	1		250	HNO3		<2	6010/6020 METALS		
	1		250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.63	8015 EDB		100
	3	CG	40	HCL		<2	8026 VOC	RFPP	100

REMARKS: ORP 139.0 ORP 137.0 ORP 133.8

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 SEMI

WELL NO: 17 | SAMPLE ID: B 73-1 | DATE: 5-22-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.50 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (37.20 feet – 6.50 feet) X 0.16 gallons/foot = 1.912 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: 1514 | PURGING ENDED AT: 1549 | TOTAL VOLUME PURGED (gallons): 8.75

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)
1534	5.00	5.00	0.25	7.25	6.65	26.06	666	0.29	1.79	CLEAR	none
1539	1.25	6.25	|	|	6.64	25.32	701	0.26	1.30	|	|
1544	1.25	7.50	|	|	6.63	25.40	712	0.25	0.88	|	|
1549	1.25	8.75	|	|	6.64	25.38	730	0.20	0.39	|	|

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: 1549 | SAMPLING ENDED AT: 1555

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	100	ICE		6.64	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	6010, 6020, 7470 METALS	↓	
	1	↓	250	H2SO4		<2	NH3		↓
	2	CG	40	ICE		6.64	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP -97.4 ORP -98.6 ORP -99.4

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 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 SCMI

WELL NO: 12 | SAMPLE ID: B73-2 | DATE: 5-22-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/2 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.60 | 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) = (20.39 feet – 5.60 feet) X 0.16 gallons/foot = 2.3648 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): | PURGING INITIATED AT: 1559 | PURGING ENDED AT: 1613 | 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 mS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1609	2.50	2.50	0.25	9.80	6.33	26.05	252	0.21	7.70	YELLOW	SULFUR
1611	0.50	3.00	|	10.25	6.33	26.16	253	0.23	7.95	|	|
1613	0.50	3.50		10.65	6.34	26.06	253	0.24	5.44		

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./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: 1613 | SAMPLING ENDED AT: 1619

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		6.34	TDS, NITRATE, Cl	PP	400
	1	|	250	HNO3		<2	6010B/7470 METALS	|	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.34	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS:
ORP 27.8 ORP -25.2 ORP -24.7

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 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: 5-22-14

WELL NO: B3 | SAMPLE ID: B3 A

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.70 | 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) = (33.18 feet – 4.30 feet) x 0.16 gallons/foot = 4.6208 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): 8 | PURGING INITIATED AT: 1631 | PURGING ENDED AT: 1700 | 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)
1650	4.75	4.75	0.25	6.34	6.80	24.27	666	0.24	9.42	YELLOW	SULFUR
1655	1.25	6.00	1	6.34	6.80	24.32	678	0.19	8.61		
1700	1.25	7.25		6.34	6.80	24.21	681	0.18	6.11		

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: 1700 | SAMPLING ENDED AT: 1706

PUMP OR TUBING DEPTH IN WELL (feet): 8 | 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		6.80	TDS, NITRATE, Cl	PP	400
	1	↓	250	HNO3		<2	Cd, Cr, Cu, Pb, Mn, Ni, Zn	↓	↓
	1	↓	250	H2SO4		<2	NH3		
	2	CG	40	ICE		6.80	8011 EDB	↓	100
	3	CG	40	HCL		<2	8260 VOC	RFPP	100

REMARKS: ORP-91.6 ORP-92.3 ORP-92.7

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	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 # 35139132

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 T119 Type of Ice: (Wet) Blue None

Cooler Temperature °C 1.1 (Visual) -0.5 (Correction Factor) 0.6 (Actual)
0.4 -0.5 -0.1
1.2 -0.5 0.7

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

Date and initials of person examining contents: _____

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 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.
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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

Pace Analytical Services, Inc.
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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

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

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
		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	

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: 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	

Pace Analytical Services, Inc.
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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	

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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	

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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	

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

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

Sample: B8-2 **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	

Pace Analytical Services, Inc.
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	

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

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	

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: 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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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 & 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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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
Ormond Beach, FL 32174
(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
Ormond Beach, FL 32174
(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
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
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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.
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.
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(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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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: 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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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: 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

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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		

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
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.
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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
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

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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	

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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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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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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	

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.: 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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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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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
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(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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8 East Tower Circle
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(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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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
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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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Pace Analytical Services, Inc.
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	

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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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8 East Tower Circle
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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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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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(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.
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(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

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(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.
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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
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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	

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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	

Pace Analytical Services, Inc.
8 East Tower Circle
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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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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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8 East Tower Circle
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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
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(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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8 East Tower Circle
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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	

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8 East Tower Circle
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(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		

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WO#: 35139698

35139698

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

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

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

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

Pace Analytical Services, Inc.
8 East Tower Circle
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

Pace Analytical Services, Inc.
8 East Tower Circle
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
		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

Pace Analytical Services, Inc.
8 East Tower Circle
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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	

Pace Analytical Services, Inc.
8 East Tower Circle
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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	

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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 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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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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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
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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	

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/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	

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/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.

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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	

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
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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
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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
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

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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 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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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	

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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
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
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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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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	

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								
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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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

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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	

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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

Pace Analytical Services, Inc.
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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	

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
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.
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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	

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: 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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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
Ormond Beach, FL 32174
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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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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
(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
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(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

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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Pace Analytical Services, Inc.
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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		

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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		

Pace Analytical
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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: _____