2014 Second Semiannual Water Quality Monitoring Report

Tomoka Farms Road Landfill, Volusia County

Facility SW WACS No. 27540

January 2015

Submitted To:

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

Prepared by:

HDR Engineering, Inc.
200 West Forsyth Street, Suite 800
Jacksonville, Florida 32202
(904) 598-8900
(904) 598-8988 fax

Table of Contents

1.0 Introduction 1
2.0 Field Sampling and Laboratory Analysis 1
2.1 Groundwater and Surface Water Sampling 2
2.2 Laboratory Analysis 2
3.0 Groundwater and Surface Water Elevations 2
4.0 Laboratory Results 3
4.1 Groundwater Results 3
4.1.1 Ammonia-N 3
4.1.2 Benzene 3
4.1.3 Iron 4
4.1.4 pH 4
4.1.5 Chloride 4
4.1.6 Sodium 4
4.1.7 TDS 5
4.2 Surface Water Quality Results 5
4.3 QA/QC 5
5.0 Conclusions and Recommendations 5
6.0 Professional Certification 7

Figures

Figure 1 Tomoka Farms Road Landfill Site Map
Figure 2 Zone 1 & 2 Groundwater Potentiometric Map
Figure 3 Zone 4 Groundwater Potentiometric Map
Figure 4 Zone 6 Groundwater Potentiometric Map
Figure 5 Florida Aquifer Groundwater Potentiometric Map

List of Tables

Table 1 Groundwater Elevation Data
Table 2 Surface Water Elevation Data
Table 3 Check List of Laboratory Analytical Parameters
Table 4 Summary of Detected Groundwater Parameters, Zone 1-2
Table 5 Summary of Detected Groundwater Parameters, Zone 4-6
Table 6 Summary of Detected Groundwater Parameters, Floridan Aquifer
Table 7 Summary of Detected Surface Water Parameters

Attachments

Attachment 1 Laboratory Reports and Field Data Sheets
Attachment 2 ADaPT EDD Files (CD)

1.0 Introduction

HDR Engineering is submitting the 2014 second 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 Farms 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 November 12 to 21, 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 analyzed for the parameters listed in No. 7 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 November 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 November 12 to 21, 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 Tables 4 to 6 (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 3lists 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 November 6, 2014 water level measurements, are shown in Tables 1 and 2, respectively. This semiannual water quality compliance monitoring event concurred with the semiannual benzene evaluation monitoring event. The groundwater elevations for those wells used for benzene semiannual 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 two wells in the Floridan aquifer (B85-F, and B87-F). The groundwater potentiometric maps for aquifer Zones 1-2, 4, 6, and the 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 parameters that reported levels above the PDWS, SDWS, and GCTL standards during this sampling event include ammonia, arsenic, benzene, chloride, iron, nitrate, sodium, sulfate, total dissolved solids (TDS), and pH. A summary of the groundwater parameters detected above their respective detection limits are included in Tables 4 (Zone 1-2), 5 (Zones 4 and 6), and 6 (Floridan aquifer). The full laboratory analytical results and field sampling logs provided by Pace are included in Attachment 1. The parameter exceedances are detailed below:

4.1.1 Ammonia-N

Ammonia-N concentrations were detected in compliance wells B-61R (14.2 mg/L) and B62-2R (10.8 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 (5.7 mg/L), compliance wells B-1B (9.8 mg/L), B41-1 (27.6 mg/L), B43-1 (3.4 mg/L), B62-1R (79.9 mg/L), and MO5-B (4.0 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 (2.2 µg/L) in Zone 4, and in compliance wells B37-1 (11.3 µg/L) and

B45-1 (10.3 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 assessment 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 conducted since 2010 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 historical 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 24 of the 26 wells in Zone 1-2 and in 23 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 (367 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 Sodium

Sodium was detected at or above the PDWS of 160 mg/L in Zone 4 compliance wells B37-1 (267 mg/L), B45-1 (225 mg/L), and B62-1R (182 mg/L). These wells have historically exceeded the sodium standard at the TFRLF. Sodium did not exceed the PDWS in Zone 1-2, Zone 6, or 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.

4.1.7 TDS

TDS concentrations exceeding the SDWS, of 500 mg/L, were detected in a total of 8 wells in Zone 1-2 and 14 wells in Zone 4/6. 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 November 18, 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. The pH was detected below the Class III fresh water lower limit (6.0 S.U.) in SW-1. Dissolved oxygen at five surface water points (SW-2, SW-3, SW-4, SW-5, and SW-11) was detected below the Class III fresh water limit (>5 mg/L). Fecal coliform in SW-11 was detected at the monthly average limit of the Class III Standard (200 counts/100 ml). Iron was detected in 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. Ammonia-N was detected in the Method blank at the detection limit, but below any established standards. Chemical Oxygen Demand (COD) was also detected in one Equipment blank associated with surface water samples, slightly above the detection limit but below the reporting limit.

5.0 Conclusions and Recommendations

The findings from the 2014 second 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. Parameters that exceeded groundwater standards include ammonia, benzene, chloride, iron, sodium, TDS, and pH. Surface water parameters detected above their respective Class III criteria during the 2014 second semiannual sampling event include dissolved oxygen and iron. Exceedances found in the groundwater and surface water samples are consistent with historical data. Most of these parameters showed a decreasing trend

from historic data. 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 second 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 July 2014). 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, P.G.
HDR Engineering, Inc.
FL License No. 2203

2/26/2015

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DEP Form #: 62-701.900(31), F.A.C
Form Title: Water Quality Monitoring Certification
Effective Date: January 6, 2010
Incorporated in Rule 62-701.510(9), F.A.C.

WATER QUALITY MONITORING CERTIFICATION

PART I GENERAL INFORMATION

(1) Facility Name Tomoka Farms Road Landfill

Address 1990 Tomoka Farms Road

City Port Orange Zip 32124 County U.S.

Telephone Number (386)947-2952

(2) WACS Facility ID 64-00027540

(3) DEP Permit Number 0078767-030-SO-01

(4) Authorized Representative's Name Leonard Marion Title Solid Waste Director

Address 1990 Tomoka Farms Road

City Port Orange Zip 32124 County U.S.

Telephone Number (386)947-2952

Email address (if available) lmarion@volusia.org

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 of false information including the possibility of fine and imprisonment.

1-26-15
(Date)

(Owner or Authorized Representative's Signature)

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Pace Analytical

Analytical Lab NELAC / HRS Certification # E83079

Lab Name Pace Analytical

Address 8 East Tower Circle Ormond Beach FL 32174

Phone Number (386)672-5668

Email address (if available)

Figures

N

SCALE IN FEET

-600 0 600 1200

LEGEND

B37-2	ZONE 1-2 MONITORING WELL
B37-1	ZONE 4 MONITORING WELL
SW-1	SURFACE WATER SAMPLING LOCATION
	FACILITY BOUNDARY
	WASTE UNIT BOUNDARY

HDR

PROJECT TITLE TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
SITE MAP

PROJECT NUMBER
235490

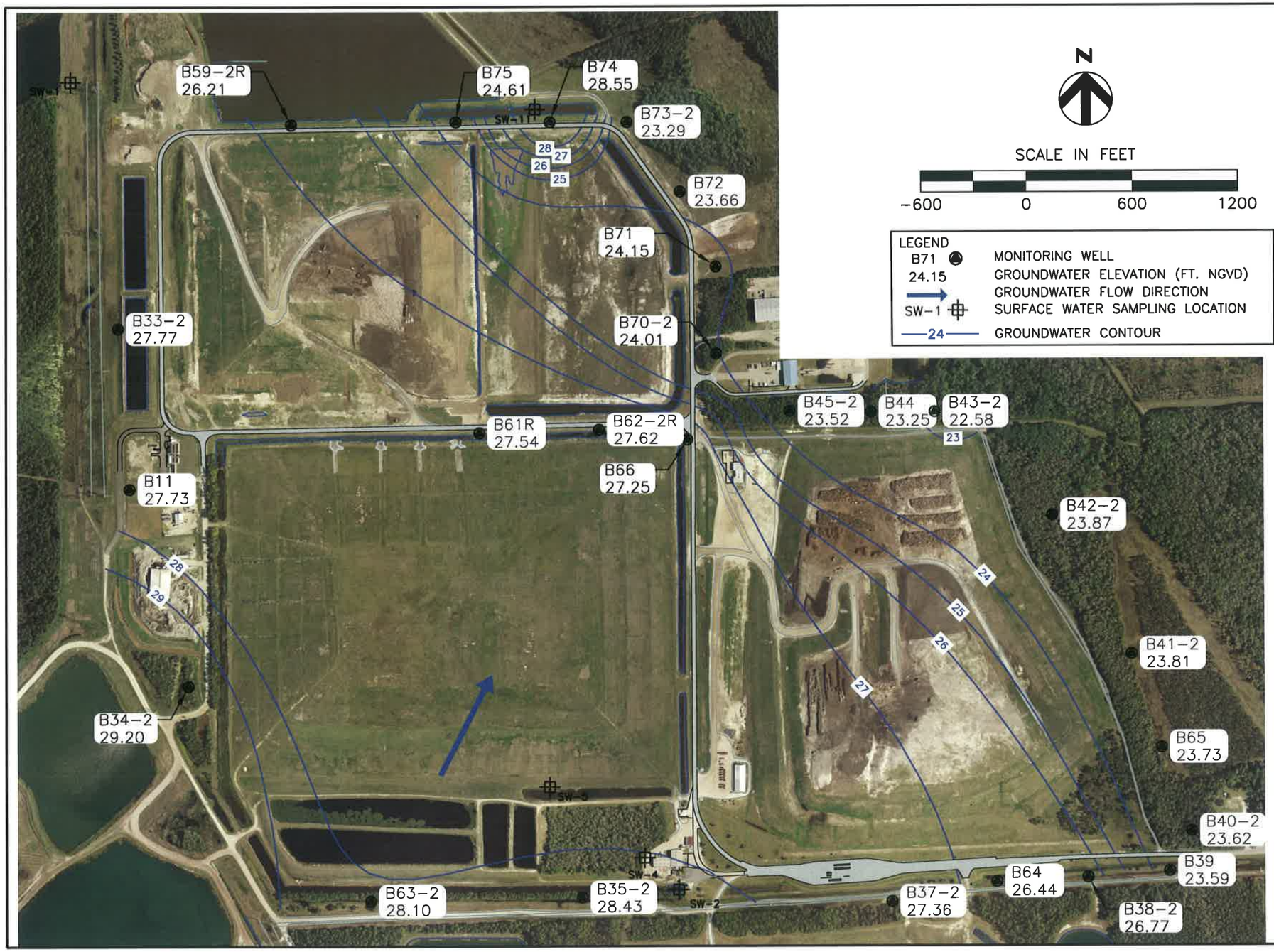
PROJECT MANAGER
J. CATCHES

DATE
01/2015

REFERENCE SHEET

REFERENCE DOCUMENT

EXHIBIT NUMBER
FIGURE 1



N

SCALE IN FEET

−600 0 600 1200

LEGEND

- B71 / 24.15 — MONITORING WELL; GROUNDWATER ELEVATION (FT. NGVD)
- GROUNDWATER FLOW DIRECTION
- SW-1 — SURFACE WATER SAMPLING LOCATION
- 24 — GROUNDWATER CONTOUR

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 NOVEMBER 6, 2014.

HDR

PROJECT TITLE: TOMOKA FARMS ROAD LANDFILL

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

PROJECT NUMBER: 235490

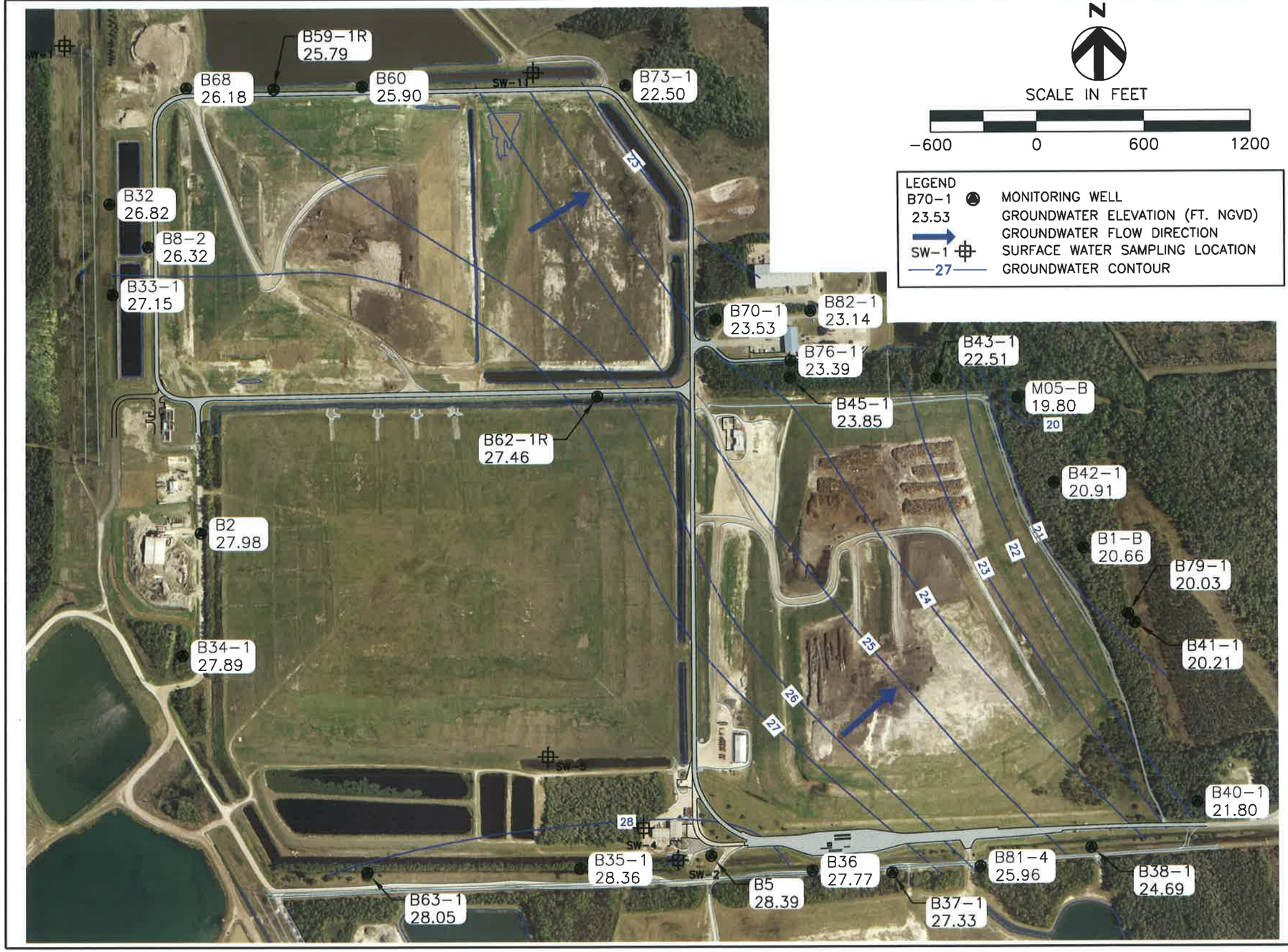
PROJECT MANAGER: J. CATCHES

DATE: 01/2015

REFERENCE SHEET:

REFERENCE DOCUMENT:

EXHIBIT NUMBER: FIGURE 2



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 NOVEMBER 6, 2014.

PROJECT TITLE TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
ZONE 4 GROUNDWATER POTENTIOMETRIC MAP
2ND 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER 235490
PROJECT MANAGER J. CATCHES
DATE 01/2015

REFERENCE SHEET
REFERENCE DOCUMENT
EXHIBIT NUMBER FIGURE 3

N

SCALE IN FEET

−600 0 600 1200

LEGEND

B76-6 19.63	MONITORING WELL 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	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 NOVEMBER 6, 2014.

PROJECT TITLE TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
ZONE 6 GROUNDWATER POTENTIOMETRIC MAP
2ND 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER 235490

PROJECT MANAGER J. CATCHES

DATE 01/2015

REFERENCE SHEET

REFERENCE DOCUMENT

EXHIBIT NUMBER FIGURE 4

N

SCALE IN FEET

−700 0 700 1400

LEGEND

FA-2C ●	MONITORING WELL
15.60	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
F-MB	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 NOVEMBER 6, 2014.

HDR

PROJECT TITLE TOMOKA FARMS ROAD LANDFILL

SHEET TITLE
FLORIDAN AQUIFER GROUNDWATER POTENTIOMETRIC MAP
2ND 2014 SEMIANNUAL SAMPLING EVENT

PROJECT NUMBER 235490

PROJECT MANAGER J. CATCHES

DATE 01/2015

REFERENCE SHEET

REFERENCE DOCUMENT

EXHIBIT NUMBER FIGURE 5

Tables

Table 1
Groundwater Elevation Data
2nd Semiannual 2014 Compliance Monitoring Event
Tomoka Farms Landfill
Monitoring Date: November 6, 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	5.22	27.73
B33-2	1-2	32.97	5.20	27.77
B34-2	1-2	31.20	2.00	29.20
B35-2	1-2	29.34	0.91	28.43
B37-2	1-2	28.76	1.40	27.36
B38-2	1-2	28.12	1.35	26.77
B-39	1-2	29.09	5.50	23.59
B40-2	1-2	27.67	4.05	23.62
B41-2	1-2	29.27	5.46	23.81
B42-2	1-2	28.47	4.60	23.87
B43-2	1-2	28.23	5.65	22.58
B44	1-2	30.03	6.78	23.25
B45-2	1-2	30.35	6.82	23.53
B59-2R	1-2	33.12	6.91	26.21
B61R	1-2	39.42	11.88	27.54
B62-2R	1-2	39.36	11.74	27.62
B63-2	1-2	30.38	2.28	28.10
B64	1-2	28.22	1.78	26.44
B65	1-2	27.97	4.24	23.73
B66	1-2	31.26	3.51	27.75
B70-2	1-2	31.51	7.50	24.01
B71	1-2	30.75	6.60	24.15
B72	1-2	28.93	5.27	23.66
B73-2	1-2	28.95	5.74	23.21
B74	1-2	33.78	5.23	28.55
B75	1-2	31.62	7.01	24.61
Zone 4				
B-1B	4	28.78	8.12	20.66
B-2	4	34.53	6.55	27.98
B-5	4	32.59	4.20	28.39
B8-2	4	33.37	7.05	26.32
B-32	4	30.92	4.10	26.82
B33-1	4	34.69	7.54	27.15
B34-1	4	31.19	3.30	27.89
B35-1	4	29.26	0.90	28.36
B-36	4	29.33	1.56	27.77
B37-1	4	28.63	1.30	27.33
B38-1	4	28.24	3.55	24.69
B40-1	4	27.77	5.97	21.80
B41-1	4	29.16	8.95	20.21

Well Number	Aquifer Zone	Top of Casing (feet, NGVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft, NGVD)
B42-1	4	28.30	7.49	20.81
B43-1	4	28.09	5.58	22.51
B45-1	4	30.28	6.43	23.85
B59-1R	4	32.44	6.65	25.79
B60	4	32.95	7.05	25.90
B62-1R	4	38.97	11.51	27.46
B63-1	4	30.03	1.98	28.05
B68	4	32.98	6.80	26.18
B70-1	4	31.03	7.50	23.53
B73-1	4	29.20	6.70	22.50
MO5-B	4	29.80	10.00	19.80
B76-1	4	27.39	4.00	23.39
B79-1	4	27.53	7.50	20.03
B81-4	4	29.76	3.80	25.96
B82-1	4	30.78	7.64	23.14
Zone 6				
B8	6	33.53	13.55	19.98
B76-6	6	27.33	7.7	19.63
B77	6	31.13	11.22	19.91
B79-6	6	27.51	7.3	20.21
B85-6	6	27.02	7.45	19.57
B86	6	29.46	7.78	21.68
B87-6	6	29.37	10.18	19.19
Floridian Aquifer				
B85-F	FL	27.47	10.05	17.42
B87-F	FL	29.43	12.3	17.13
FA-1B	FL	32.22	13.15	19.07
FA-2C	FL	28.10	12.5	15.60
FM-B	FL	33.88	15.28	18.60

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
2nd Semiannual 2014 Compliance Monitoring Event
Monitoring Date: November 6, 2014

Location	Staff Gage Reference Elevation (NGVD)	Staff Gage Reading (feet)	Surface Water Elevation (NGVD)
SW-1	24	4.05	26.7
SW-2	24	5.15	29.4
SW-3	21	1.60	23.1
SW-4	26	3.15	29.3
SW-5	24	3.95	27.2
SW-11	17	NA	NA
SW-12	22	4.15	26.30

Note: NA - Not Available.

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
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 Second Semiannual Monitoring
Sampling Date: November 12 to 21, 2014

Parameter	Standard	Detected Results																								Units
		B-11	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	
Field Parameters																												
Field pH	6.5-8.5**	**5.11**	**6.47**	6.79	**4.9**	**5.9**	**5.65**	**4.62**	**5.86**	**6.33**	**5.9**	**5.99**	**4.89**	**5.21**	**6.29**	**6.3**	**6.46**	**6.35**	**6.24**	**5.83**	6.58	**5.7**	**5.75**	**6.37**	**6.26**	**6.4**	**6.12**	S.U.
Specific Conductance	NS	205	990	1091	405	480	539	218	669	577	282	408	192	489	695	847	1054	858	829	639	465	341	313	556	346	687	1191	µmhos/cm
Field Temperature	NS	26.3	23.21	23.33	23.5	23.41	21.9	23.89	20.72	19.84	21.02	23.37	23.3	23.9	26.11	27.5	25.09	23.9	24.67	20.56	22.79	25.21	25.39	26.7	27.3	24.15	25.7	Deg. C.
Oxygen, Dissolved	NS	0.28	0.38	0.47	0.51	0.21	0.37	0.46	0.83	0.37	0.29	0.83	0.61	2.04	0.26	0.41	0.2	0.37	1.1	0.38	0.23	0.89	0.84	0.69	0.52	0.2	0.39	mg/L
Redox	NS	-151	-84.8	-208.6	-139.8	-112.4	-120.4	-94.1	-144.8	-154.9	-69.4	136.8	-72.3	-72.8	-142	-120.5	-182.5	-175.4	-142.7	-149.1	-78.7	-80.3	8.5	-3.5	-81.4	-159.2	-103.3	mV
Turbidity	NS	2.03	3.52	2.5	2.19	6.36	1.97	3.27	10.47	0.72	4.39	8.35	3.21	17.9	12.3	3.95	4.38	11.7	4.16	0.59	3	11.8	1.24	5.72	2.13	0.63	22	NTU
General Chemistry																												
Chloride	250**	19.8	42.3	54	102	42.8	59.2	37.5	27.5	27.5	4.8 I	14.6	37.1	105	21	17.9	18.7	74.9	39.4	47.5	24.1	24.9	4.8 I	3.4 I	3.5 I	26.3	66.6	mg/L
Iron	300**	**2,660**	**3,660**	**11,800**	**9,340**	**13,900**	**9,090**	**14,700**	**5,970**	**1,090**	**3,270**	**3,180**	**11,600**	**6,310**	**5,920**	**14,500**	**11,700**	**18,600**	**28,000**	**1,970**	**1,190**	**4,010**	**645**	**461**	**12,600**	**3,660**	**40,700**	mg/L
Nitrogen, Ammonia	2.8***	0.76	0.32	0.59	1	0.31	0.99	1.3	1.7	0.7	0.52	<0.02	0.036 I	0.057	0.42	**14.2**	**10.8**	0.28	2.3	1.4	0.14	<0.02	0.037 I	<0.02	0.084	0.13	2.6	mg/L
Nitrogen, Nitrate	10*	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.032 I	<0.025	<0.025	2.7	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.06	<0.025	<0.025	<0.025	<0.025	<0.025	mg/L
Sodium	160*	9.7	111	29.2	63.6	34	40.3	22.3	24.1	18.9	5.6	21.7	18.3	32	34.3	20.4	26.8	53.9	51.3	31.1	21.7	13.5	3.7	3.4	4.5	44.8	53.1	mg/L
Total Dissolved Solids	500**	**523**	474	**840**	316	331	422	190	**506**	412	210	268	155	424	474	**660**	481	**549**	**548**	**500**	302	224	221	386	281	465	**763**	mg/L
Trace Metals																												
Arsenic	10*	<5	<5	<5	<5	<5	<5	**26.2**	<5	<5	5.9	<5	<5	<5	<5	<5	<5	<5	5.1 I	<5	<5	<5	<5	<5	**20.6**	<5	<5	µg/L
Barium	2000*	56.3	83.4	67.1	69.3	30.8	30.3	31.5	46.4	34	18.8	13.5	26.6	77	80.1	112	95	68.5	90	50.2	28.9	37.2	20.2	37.9	32.9	46.3	108	µg/L
Beryllium	4*	<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 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	µg/L
Chromium	100*	3.6 I	4.4 I	<2.5	7.1	<2.5	<2.5	10.4	<2.5	<2.5	<2.5	<2.5	3.5 I	4.5 I	<2.5	14.7	2.5 I	<2.5	<2.5	2.8 I	<2.5	3.1 I	<2.5	2.8 I	2.9 I	<2.5	3.1 I	µg/L
Cobalt	140***	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	20.6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	8.2 I	<5	<5	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	<2.5	10.1	<2.5	<2.5	3.6 I	<2.5	<2.5	<2.5	2.8 I	<2.5	<2.5	<2.5	3.3 I	µg/L
Nickel	100*	<2.5	4.6 I	14.7	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	23.9	<2.5	8.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	4.7 I	<2.5	<2.5	µg/L
Vanadium	49***	15	6.7 I	<5	10.9	<5	<5	33.7	<5	<5	<5	9.4 I	8.7 I	5.1 I	<5	<5	5.8 I	<5	<5	<5	<5	11	7.5 I	<5	<5	<5	5.8 I	µg/L
Zinc	5000**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11.6 I	41.6	<10	<10	<10	<10	<10	<10	<10	12.4 I	22.6	91.5	33.8	<10	<10	µg/L
VOCs																												
Benzene	1*	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.38 I	<0.1	<0.1	<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	0.76 I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.71 I	1.1	<0.5	4.4	<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;
< -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 Second Semiannual Monitoring
Sampling Date: November 12 to 21, 2014

Parameters	Standard	Detected Results																							Units
		B1-B	B-2	B8-2	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	MO5-B	B8	
Field Parameters																											
Field pH	6.5-8.5**	**6.15**	**5.51**	**5.36**	**6.45**	**6.04**	**6.34**	**5.35**	**6.15**	**6.15**	**5.13**	**5.23**	**6.13**	**5.55**	**5.76**	**5.83**	**6.28**	**6.38**	**6.42**	6.56	**6.35**	**5.65**	**5.24**	**6.37**	**6.02**	6.25	S.U.
Field Specific Conductance	NS	7.5	1013	1327	625	607	1167	324	1692	2376	314	638	1416	781	751	1522	745	604	501	2138	467	821	267	729	1045	649	µmhos/cm
Field Temperature	NS	22.01	25.21	25.5	23.58	23.8	23.34	23.18	23.9	23.44	22.45	18.97	21.7	21.96	23.39	22.78	24.12	25.86	23.1	24.24	24.2	25.87	24.47	24.39	23.53	24.68	Deg. C.
Oxygen, Dissolved	NS	0.32	0.27	0.7	0.19	0.23	0.43	0.5	0.32	0.25	0.28	0.85	0.94	0.29	1.65	1.55	0.48	0.14	0.34	0.33	0.26	1.14	0.26	0.21	0.63	0.22	mg/L
REDOX	NS	141.2	-155.2	-154.4	-148.1	-147.3	-181.3	-106.5	-122.7	-176.6	-90.1	-121.7	-101.1	-122.1	-144.9	-162.2	-97	-168	-84	-207.3	-155.2	-179.1	116.3	-126.8	-147.6	-165.9	mV
Turbidity	NS	0.82	10.98	0.54	6.75	7.43	0.39	10.27	6.19	1.55	1.62	0.49	7.46	0.49	3.5	7.7	1.4	2.44	3.36	7.25	13.9	0.41	0.36	0.89	0.09	3.94	NTU
General Chemistry																											
Chloride	250**	25.6	46	**367**	66.8	83.5	51.6	66.5	224	189	61.5	58.3	85.7	69.4	93.7	22.6	26	66.9	69.2	135	30.8	33	26.7	32	101	68.3	mg/L
Iron	300**	**12,200**	**30,100**	**37,700**	**6,180**	**10,500**	**33,400**	**11,000**	**6,610**	**37,400**	**21,200**	**20,300**	**14,700**	**13,400**	**23,000**	**46,100**	**16,600**	**4,420**	**3,660**	**19,800**	**2,310**	**23,600**	**5,710**	**13,800**	**9,040**	**1,720**	µg/L
Nitrogen, Ammonia	2.8***	**9.8**	**5.7**	0.13	0.069	0.26	0.17	0.15	0.23	0.49	0.058	0.21	**27.6**	0.47	**3.4**	0.15	0.44	0.81	1.3	**79.9**	0.13	1.2	0.046 I	0.11	**4**	0.28	mg/L
Nitrogen, Nitrate	10*	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.091	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	mg/L
Sodium	160*	36.9	28.9	58.9	28.9	62.4	43.4	27.2	120	**267**	28.5	52.7	89.6	92.3	87.9	**225**	32.5	56	53.5	**182**	52.4	26.2	26.8	41	115	37.6	mg/L
Total Dissolved Solids	500**	**505**	497	**1,170**	**704**	**771**	**802**	100	**1,300**	**1,420**	214	**516**	**1,190**	**639**	450	**1,060**	491	385	346	**1,180**	374	**649**	188	438	**692**	433	mg/L
Trace Metals																											
Barium	2000*	144	129	224	39.9	52.1	159	96.6	121	251	98.1	184	319	111	168	158	96	61.4	79.6	401	43.6	131	38.8	51.4	174	35.8	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	6.2	<2.5	<2.5	3.1 I	<2.5	<2.5	6.2	<2.5	<2.5	<2.5	4.2 I	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.3 I	<2.5	<2.5	<2.5	<2.5	5.1	<2.5	µg/L
Copper	1000**	<2.5	3.6 I	2.8 I	<2.5	<2.5	<2.5	<2.5	<2.5	3 I	<2.5	<2.5	<2.5	<2.5	<2.5	2.6 I	<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	5.1	<2.5	<2.5	<2.5	<2.5	<2.5	4.2 I	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	µg/L
Silver	100**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3 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	<2.5	<2.5	<2.5	<2.5	µg/L
Vanadium	49***	<5	17.9	8 I	<5	<5	<5	<5	<5	<5	<5	<5	5.8 I	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	µg/L
VOCs																											
1,1-Dichloroethane	70***	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<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	<0.5	0.89 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	µg/L
Benzene	1*	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**2.2**	**11.3**	<0.1	<0.1	<0.1	<0.1	0.18 I	**10.3**	<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	<0.5	2.8	11.1	<0.5	<0.5	1.3	<0.5	2.4	5.9	<0.5	<0.5	<0.5	2.3	<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	0.53 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	µg/L
Xylene (Total)	20**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.3	3.3	<0.5	<0.5	<0.5	<0.5	<0.5	2.4	<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;
< -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 Second Semiannual Monitoring
Sampling Date: November 12 to 21, 2014

Parameter	Standard				Units
		FA-1B	FA-2C	F-MB	
Field Parameters					
Field pH	6.5-8.5**	6.69	7.03	6.56	S.U.
Field Specific Conductance	NS	515	682	563	µmhos/cm
Field Temperature	NS	22.64	22.37	23.94	Deg. C.
Oxygen, Dissolved	NS	0.21	0.15	0.22	mg/L
REDOX	NS	-209.1	-231.5	-163.4	mV
Turbidity	NS	0.07	0.13	7.93	NTU
General Chemistry					
Chloride	250**	13	70.1	22.3	mg/L
Iron	300**	**324**	**965**	125	µg/L
Nitrogen, Ammonia	2.8***	0.33	0.45	0.31	mg/L
Sodium	160*	9.5	45	16.6	mg/L
Total Dissolved Solids	500**	339	471	360	mg/L
Tace Metals					
Barium	2000*	21.1	23.1	18	µg/L
Chromium	100*	4.6 I	<2.5	<2.5	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;

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

Table 7
Summary of Detected Surface Water Parameters
Tomoka Farm Road Landfill, Volusia County
2014 Second Semiannual Monitoring
Monitoring Date: November 18, 2014

Parameter	Class III Standard*	Detected Results							Units
		SW-1	SW-2	SW-3	SW-4	SW-5	SW-11	SW-12	
Field Parameters									
Field pH	6.0-8.5	**5.45**	6.84	6.48	6.39	6.76	6.63	7.16	S.U.
Field Specific Conductance	NS	104	394	284	404	446	364	417	µmhos/cm
Field Temperature	NS	17.8	16.26	15.6	15.28	15.94	17.48	18.5	Deg. C.
Oxygen, Dissolved	NS	8.1	**3.96**	**1.4**	**3.1**	**4.05**	**4.25**	6.53	mg/L
Turbidity	<29 above bgd	7.24	0.98	1.68	1.57	4.06	3.79	10.47	NTU
General Chemistry									
Chemical Oxygen Demand	NS	27.2	57	55.2	54	51.6	38.7	46.3	mg/L
Chlorophyll a	NS	4.4	6.3	5	5.2	11.3	6.1	10.5	mg/L
Fecal Coliforms	200	82	40	11	69	22	200	112	Counts/ml/L
Iron	1000	34.9 I	142	262	208	1160	163	190	µg/L
Phosphorus, Total (as P)	NS	0.21	<0.05	<0.05	<0.05	0.088	<0.05	<0.05	mg/L
Sodium	NS	14.3	35.9	16.7	36.3	28.6	24.6	27.7	mg/L
Tot Hardness as CaCO3 (SM 2340B)	NS	15.5	133	115	133	193	148	148	mg/L
Total Dissolved Solids	NS	126	279	216	318	308	278	321	mg/L
Total Nitrogen	NS	0.28 I	1	0.55	0.84	1.8	0.73	0.9	mg/L
Total Organic Carbon	NS	5.3	14.3	18.9	18.2	18	12	11.3	mg/L
Total Suspended Solids	NS	<5	<5	<5	4.3	<5	5.5	5.5	mg/L
Trace Metals									
Antimony	<4300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.79 I	µg/L
Barium	NS	6.2	28.8	20.5	24.9	40.7	30.9	34.3	µg/L
Mercury	12	0.00137	0.00111	0.00213	0.00137	0.00172	0.00172	0.00212	µg/L
Selenium	5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.65	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;

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

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

12/5/14

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 – Fall 2014 (14S2)

Dear Ms. Stirk:

Submitted herein are the semi-annual chemical analyses data for monitor wells sampled at Tomoka Road Landfill from November 12th through November 21st of 2014. The Pace Analytical Services, Inc. work order numbers for this sampling event are 35163559, 35163574, 35163742, 35163895, 35164208, 35164296, 35164522, 35164825, and 35165033.

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 (14S2)

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
Fall 2014 (14S2)

Table of Contents

Comparison Report for Guidance Exceedences			1-70
List of Groundwater Levels			1-3
	PACE No.	Sampling Dates	No. of Pages
Report, COC, Field data	35163559	11/12/2014	1-53
sheets,	35163574	11/12/2014	1-65
	35163742	11/13/2014	1-83
	35163895	11/14/2014	1-81
	35164208	11/17/2014	1-75
	35164296	11/18/2014	1-68
	35164522	11/19/2014	1-54
	35164825	11/20/2014	1-79
	35165033	11/21/2014	1-72
Field Instrument Calibration			1-12

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 may not contain all violations of FDEP rulesand standards. This report should be reviewed by a qualified staff member.

Sample ID:	**B-11**	Sample Date:	11/14/2014 14:07	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15679	Matrix	W	Project Number:	27540

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

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

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	2660		20	40	300		ug/L	8.9	
Residues- Filterable (TDS)	TOT	523		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: **B1-B** Sample Date: 11/20/2014 10:46 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15636 Matrix W Project Number: 27540

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

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

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	12200		20	40	300		ug/L	41	
Residues- Filterable (TDS)	TOT	505		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:	**B-2**	Sample Date:	11/20/2014 13:58	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15402	Matrix	W	Project Number:	27540

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

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

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	30100		20	40	300		ug/L	100	
Sulfate	TOT	401		12.5	25	250		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: **B32** Sample Date: 11/20/2014 16:07 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15791 Matrix W Project Number: 27540

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

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

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	6180		20	40	300		ug/L	21	
Residues- Filterable (TDS)	TOT	704		5	5	500		mg/L	1.4	

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: 11/20/2014 14:31 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15792 Matrix W Project Number: 27540

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

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

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	10500		20	40	300		ug/L	35	
Residues- Filterable (TDS)	TOT	771		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: **B33-2** Sample Date: 11/20/2014 15:04 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15793 Matrix W Project Number: 27540

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

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

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	3660		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: **B34-1** Sample Date: 11/17/2014 14:18 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15794 Matrix W Project Number: 27540

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

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

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	33400		20	40	300		ug/L	111	
Residues- Filterable (TDS)	TOT	802		10	10	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: **B34-2** Sample Date: 11/17/2014 14:44 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15795 Matrix W Project Number: 27540

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

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

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	11800		20	40	300		ug/L	39	
Residues- Filterable (TDS)	TOT	840		10	10	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: **B35-1** Sample Date: 11/17/2014 11:11 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15796 Matrix W Project Number: 27540

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

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

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	11000		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: **B35-1 Dup** Sample Date: 11/17/2014 11:11 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15796 Matrix W Project Number: 27540

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

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

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	11000		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: **B35-2** Sample Date: 11/17/2014 11:30 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15797 Matrix W Project Number: 27540

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

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

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	9340		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: **B36** Sample Date: 11/21/2014 11:01 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15798 Matrix W Project Number: 27540

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

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

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Benzene	TOT	2.2		0.1	1	1		ug/L	2.2	
Iron	TOT	6610		20	40	300		ug/L	22	
Residues- Filterable (TDS)	TOT	1300		10	10	500		mg/L	2.6	

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: 11/21/2014 12:20 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15799 Matrix W Project Number: 27540

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

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

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	11.3		0.1	1	1		ug/L	11	
Iron	TOT	37400		20	40	300		ug/L	125	
Residues- Filterable (TDS)	TOT	1420		10	10	500		mg/L	2.8	
Sodium	TOT	267		0.5	1	160		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: **B37-2** Sample Date: 11/21/2014 11:55 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15800 Matrix W Project Number: 27540

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

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

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	13900		20	40	300		ug/L	46	

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: 11/21/2014 13:58 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15801 Matrix W Project Number: 27540

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

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

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	21200	J	20	40	300		ug/L	71	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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: 11/21/2014 14:23 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15802 Matrix W Project Number: 27540

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

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

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	9090		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:	**B39**	Sample Date:	11/21/2014 15:07	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15803	Matrix	W	Project Number:	27540

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

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

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Arsenic	TOT	26.2		5	10	10		ug/L	2.6	
Iron	TOT	14700		20	40	300		ug/L	49	

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: 11/19/2014 11:18 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15804 Matrix W Project Number: 27540

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

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

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	20300		20	40	300		ug/L	68	
Residues- Filterable (TDS)	TOT	516		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: **B40-2** Sample Date: 11/19/2014 11:48 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15805 Matrix W Project Number: 27540

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

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

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	5970		20	40	300		ug/L	20	
Residues- Filterable (TDS)	TOT	506		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: **B40-2 Dup** Sample Date: 11/19/2014 11:48 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15805 Matrix W Project Number: 27540

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

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

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	6220		20	40	300		ug/L	21	

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: 11/19/2014 14:26 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15806 Matrix W Project Number: 27540

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

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

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	14700		20	40	300		ug/L	49	
Residues- Filterable (TDS)	TOT	1190		10	10	500		mg/L	2.4	
Sulfate	TOT	255		12.5	25	250		mg/L	1	

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: 11/20/2014 9:34 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15807 Matrix W Project Number: 27540

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

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

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	1090		20	40	300		ug/L	3.6	

FDEP Automated Data Evaluation

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

Sample ID:	**B41-2 Dup**	Sample Date:	11/20/2014 9:34	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15807	Matrix	W	Project Number:	27540

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

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

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	1110		20	40	300		ug/L	3.7	

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: 11/20/2014 11:37 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15808 Matrix W Project Number: 27540

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

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

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	13400		20	40	300		ug/L	45	
Residues- Filterable (TDS)	TOT	639		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: 11/20/2014 12:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15809 Matrix W Project Number: 27540

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

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

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	3270		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: **B43-1** Sample Date: 11/14/2014 9:08 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15810 Matrix W Project Number: 27540

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

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

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	23000		20	40	300		ug/L	77	

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: 11/14/2014 9:32 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15811 Matrix W Project Number: 27540

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

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

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	3180		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: **B44** Sample Date: 11/14/2014 8:23 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15812 Matrix W Project Number: 27540

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

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

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	11600		20	40	300		ug/L	39	

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:	11/14/2014 8:23	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15812	Matrix	W	Project Number:	27540

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

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

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	11400		20	40	300		ug/L	38	

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: 11/12/2014 9:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15813 Matrix W Project Number: 27540

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

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

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	10.3		0.1	1	1		ug/L	10	
Iron	TOT	46100		20	40	300		ug/L	154	
Residues- Filterable (TDS)	TOT	1060		10	10	500		mg/L	2.1	
Sodium	TOT	225		0.5	1	160		mg/L	1.4	

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: 11/12/2014 9:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15813 Matrix W Project Number: 27540

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

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

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Benzene	TOT	10.2		0.1	1	1		ug/L	10	
Iron	TOT	46300		20	40	300		ug/L	154	
Residues- Filterable (TDS)	TOT	968		10	10	500		mg/L	1.9	
Sodium	TOT	226		0.5	1	160		mg/L	1.4	

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: 11/12/2014 10:16 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15814 Matrix W Project Number: 27540

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

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

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	6310		20	40	300		ug/L	21	

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: 11/21/2014 9:50 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15403 Matrix W Project Number: 27540

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

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

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	16600		20	40	300		ug/L	55	

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: 11/21/2014 9:50 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15403 Matrix W Project Number: 27540

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

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

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	15900		20	40	300		ug/L	53	
Residues- Filterable (TDS)	TOT	509		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: **B59-1R** Sample Date: 11/13/2014 13:15 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15817 Matrix W Project Number: 27540

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

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

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	4420		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: **B59-2R** Sample Date: 11/13/2014 13:33 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15818 Matrix W Project Number: 27540

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

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

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	5920		20	40	300		ug/L	20	

FDEP Automated Data Evaluation

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

Sample ID:	**B60**	Sample Date:	11/20/2014 13:22	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15819	Matrix	W	Project Number:	27540

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

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

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	3660		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: **B61R** Sample Date: 11/14/2014 13:28 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15820 Matrix W Project Number: 27540

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

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

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	14500		20	40	300		ug/L	48	
Residues- Filterable (TDS)	TOT	660		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: **B62-1R** Sample Date: 11/14/2014 11:40 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15821 Matrix W Project Number: 27540

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

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

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	19800		20	40	300		ug/L	66	
Residues- Filterable (TDS)	TOT	1180		10	10	500		mg/L	2.4	
Sodium	TOT	182		0.5	1	160		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: **B62-2R** Sample Date: 11/14/2014 12:08 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15822 Matrix W Project Number: 27540

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

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

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	11700		20	40	300		ug/L	39	

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:	11/17/2014 12:10	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15823	Matrix	W	Project Number:	27540

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

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

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	2310		20	40	300		ug/L	7.7	

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: 11/17/2014 12:34 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15824 Matrix W Project Number: 27540

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

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

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	18600		20	40	300		ug/L	62	
Residues- Filterable (TDS)	TOT	549		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: **B64** Sample Date: 11/12/2014 12:09 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15825 Matrix W Project Number: 27540

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

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

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	28000		20	40	300		ug/L	93	
Residues- Filterable (TDS)	TOT	548		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: **B64 Dup** Sample Date: 11/12/2014 12:09 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15825 Matrix W Project Number: 27540

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

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

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	28600	J	20	40	300		ug/L	95	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
Residues- Filterable (TDS)	TOT	560		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: **B65** Sample Date: 11/19/2014 13:12 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15826 Matrix W Project Number: 27540

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

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

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	1970		20	40	300		ug/L	6.6	

FDEP Automated Data Evaluation

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

Sample ID: **B66** Sample Date: 11/14/2014 10:54 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15827 Matrix W Project Number: 27540

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

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

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	1190		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:	**B68**	Sample Date:	11/13/2014 14:30	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15829	Matrix	W	Project Number:	27540

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

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

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	23600		20	40	300		ug/L	79	
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: **B70-1** Sample Date: 11/12/2014 15:52 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19800 Matrix W Project Number: 27540

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

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

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	5710		20	40	300		ug/L	19	

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: 11/12/2014 16:17 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19801 Matrix W Project Number: 27540

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

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

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	4010		20	40	300		ug/L	13	

FDEP Automated Data Evaluation

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

Sample ID:	**B71**	Sample Date:	11/13/2014 8:36	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	19802	Matrix	W	Project Number:	27540

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

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

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	645		20	40	300		ug/L	2.2	

FDEP Automated Data Evaluation

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

Sample ID: **B71 DUP** Sample Date: 11/13/2014 8:36 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19802 Matrix W Project Number: 27540

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

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

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	644		20	40	300		ug/L	2.1	

FDEP Automated Data Evaluation

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

Sample ID: **B72** Sample Date: 11/13/2014 9:27 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19803 Matrix W Project Number: 27540

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

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

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	461		20	40	300		ug/L	1.5	

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: 11/13/2014 10:02 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19804 Matrix W Project Number: 27540

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

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

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	13800		20	40	300		ug/L	46	

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: 11/13/2014 11:04 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19805 Matrix W Project Number: 27540

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

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

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Arsenic	TOT	20.6		5	10	10		ug/L	2.1	
Iron	TOT	12600		20	40	300		ug/L	42	

FDEP Automated Data Evaluation

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

Sample ID: **B74** Sample Date: 11/12/2014 15:03 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19806 Matrix W Project Number: 27540

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

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

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	3660		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: **B75** Sample Date: 11/13/2014 11:46 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 19807 Matrix W Project Number: 27540

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

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

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	40700		20	40	300		ug/L	136	
Residues- Filterable (TDS)	TOT	763		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:	11/13/2014 15:03	Project Name:	TOMOKA FARMS ROAD LANDFILL
Monitoring Site:	15642	Matrix	W	Project Number:	27540

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

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

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	1720		20	40	300		ug/L	5.7	

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: 11/13/2014 15:25 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15790 Matrix W Project Number: 27540

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

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

Investigate - this MAY represent a potential violation.

							62-777			
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Target PQL	Units	Exceeds By	Comment:
Chloride	TOT	367		12.5	25	250		mg/L	1.5	
Iron	TOT	37700		20	40	300		ug/L	126	
Residues- Filterable (TDS)	TOT	1170		10	10	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: 11/17/2014 13:50 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15639 Matrix W Project Number: 27540

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

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

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	324		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: **FA-2C** Sample Date: 11/12/2014 14:12 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15836 Matrix W Project Number: 27540

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

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

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	965		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: **MO5-B** Sample Date: 11/14/2014 10:15 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15635 Matrix W Project Number: 27540

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

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

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	9040		20	40	300		ug/L	30	
Residues- Filterable (TDS)	TOT	692		5	5	500		mg/L	1.4	

FDEP Automated Data Evaluation

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

Sample ID: **SW-5** Sample Date: 11/18/2014 11:05 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15638 Matrix W Project Number: 27540

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

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

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	1160		20	40	300		ug/L	3.9	

FDEP Automated Data Evaluation

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

Sample ID: **Trip Blank 2 11/12/14** Sample Date: 11/12/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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 11/13/14** Sample Date: 11/13/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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 11/14/14** Sample Date: 11/14/2014 8:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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

							62-777		
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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 11/17/14** Sample Date: 11/17/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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

							62-777		
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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 11/18/14** Sample Date: 11/18/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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

							62-777		
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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 11/19/14** Sample Date: 11/19/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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

							62-777		
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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 11/20/14** Sample Date: 11/20/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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

							62-777		
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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 11/21/14** Sample Date: 11/21/2014 0:00 Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: Matrix W Project Number: 27540

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

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

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

							62-777		
Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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: 11/6/2014
Sampled by: MG, DI

Well ID	Survey (TOC Elevation)	November 2014 Total well depth(TOC)	November 2014 Depth to water	November 2014 Water Level	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	28.78	**35.89**	**8.12**	**20.66**	**20.78**	**17.51**	**14.42**	**17.29**	**14.40**	**17.72**	**14.45**	**15.96**
B-2	34.53	**27.30**	**6.55**	**27.98**	**26.33**	**24.01**	**23.23**	**24.43**	**22.91**	**24.56**	**23.39**	**23.17**
B-5	32.59	**25.60**	**4.20**	**28.39**	**28.84**	**27.86**	**27.36**	**28.05**	**25.71**	**27.75**	**25.93**	**25.78**
B8	33.53	**47.82**	**13.55**	**19.98**	**19.68**	**17.72**	**16.12**	**18.50**	**15.35**	**18.90**	**16.00**	**17.57**
B8-2	33.37	**33.18**	**7.05**	**26.32**	**27.07**	**26.20**	**25.70**	**26.40**	**25.86**	**27.08**	**25.28**	**25.43**
B11	32.95	**16.79**	**5.22**	**27.73**	**28.45**	**24.83**	**24.23**	**25.41**	**18.54**	**26.01**	**23.76**	**23.73**
B-32	30.92	**31.28**	**4.10**	**26.82**	**27.42**	**25.96**	**25.16**	**26.34**	**24.53**	**26.96**	**25.04**	**24.99**
B33-1	34.69	**39.49**	**7.54**	**27.15**	**27.29**	**24.22**	**23.35**	**24.41**	**22.61**	**26.02**	**23.09**	**23.49**
B33-2	32.97	**17.52**	**5.20**	**27.77**	**28.07**	**25.90**	**25.36**	**26.11**	**24.49**	**28.06**	**24.83**	**25.16**
B34-1	31.19	**34.08**	**3.30**	**27.89**	**27.39**	**25.78**	**25.56**	**26.95**	**24.47**	**27.53**	**24.87**	**25.18**
B34-2	31.20	**17.00**	**2.00**	**29.20**	**28.60**	**26.51**	**26.71**	**29.02**	**25.10**	**29.42**	**25.48**	**25.43**
B35-1	29.26	**33.94**	**0.90**	**28.36**	**28.46**	**27.69**	**26.79**	**27.84**	**25.94**	**25.94**	**25.07**	**25.49**
B35-2	29.34	**17.47**	**0.91**	**28.43**	**28.49**	**28.06**	**27.28**	**28.08**	**24.81**	**24.81**	**24.92**	**25.54**
B36	29.33	**34.32**	**1.56**	**27.77**	**28.13**	**27.67**	**27.31**	**27.68**	**25.28**	**25.28**	**25.42**	**24.16**
B37-1	28.63	**37.75**	**1.30**	**27.33**	**27.68**	**26.99**	**26.53**	**26.96**	**25.02**	**25.02**	**25.31**	**25.40**
B37-2	28.76	**16.80**	**1.40**	**27.36**	**28.01**	**27.47**	**27.29**	**27.37**	**25.32**	**25.32**	**25.43**	**25.67**
B38-1	28.24	**39.49**	**3.55**	**24.69**	**25.04**	**24.17**	**22.68**	**23.94**	**20.20**	**20.20**	**21.01**	**22.81**
B38-2	28.12	**17.34**	**1.35**	**26.77**	**26.87**	**26.58**	**26.44**	**26.38**	**21.54**	**21.54**	**22.85**	**23.18**
B39	29.09	**17.76**	**5.50**	**23.59**	**25.09**	**23.85**	**17.86**	**22.65**	**11.47**	**23.43**	**18.72**	**19.48**
B40-1	27.77	**29.35**	**5.97**	**21.80**	**22.37**	**20.89**	**17.84**	**19.67**	**15.90**	**20.66**	**16.61**	**17.75**
B40-2	27.67	**17.15**	**4.05**	**23.62**	**24.37**	**23.53**	**20.75**	**20.83**	**16.60**	**22.88**	**17.41**	**18.35**
B41-1	29.16	**38.17**	**8.95**	**20.21**	**20.51**	**18.74**	**15.56**	**18.50**	**14.89**	**18.89**	**15.60**	**17.12**
B41-2	29.27	**14.90**	**5.46**	**23.81**	**24.42**	**23.46**	**16.15**	**21.00**	**17.02**	**22.94**	**17.00**	**17.14**
B42-1	28.30	**31.64**	**7.49**	**20.81**	**20.59**	**19.00**	**16.06**	**18.83**	**15.14**	**19.23**	**15.80**	**17.30**
B42-2	28.47	**14.90**	**4.60**	**23.87**	**24.42**	**23.16**	**21.01**	**21.67**	**16.07**	**22.93**	**16.76**	**17.94**
B43-1	28.09	**28.70**	**5.58**	**22.51**	**23.09**	**15.37**	**14.05**	**21.98**	**18.68**	**21.97**	**19.39**	**20.29**
B43-2	28.23	**14.75**	**5.65**	**22.58**	**23.38**	**21.91**	**20.86**	**22.25**	**18.81**	**22.20**	**19.43**	**20.37**
B44	30.03	**14.65**	**6.78**	**23.25**	**23.83**	**22.92**	**23.17**	**23.22**	**20.69**	**23.06**	**21.15**	**21.99**
B45-1	30.28	**37.08**	**6.43**	**23.85**	**24.23**	**23.39**	**23.29**	**23.69**	**21.09**	**23.43**	**21.82**	**22.28**
B45-2	30.35	**17.61**	**6.82**	**23.53**	**24.30**	**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**	**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**	**N/A**
B59-1R	32.44	**35.02**	**6.65**	**25.79**	**25.89**	**20.97**	**20.51**	**21.28**	**19.33**	**19.93**	**19.48**	**18.71**
B59-2R	33.12	**17.69**	**6.91**	**26.21**	**26.42**	**20.79**	**20.66**	**21.04**	**19.26**	**19.72**	**19.39**	**18.46**
B60	32.95	**35.75**	**7.05**	**25.90**	**26.10**	**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: 11/6/2014
Sampled by: MG, DI

Well ID	Survey (TOC Elevation)	November 2014 Total well depth(TOC)	November 2014 Depth to water	November 2014 Water Level	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	39.42	**28.67**	**11.88**	**27.54**	**26.92**	**26.14**	**25.85**	**26.25**	**25.01**	**25.92**	**25.29**	**24.95**
B62-1R	38.97	**38.08**	**11.51**	**27.46**	**26.67**	**25.83**	**26.06**	**26.15**	**25.64**	**25.48**	**25.00**	**24.58**
B62-2R	39.36	**22.07**	**11.74**	**27.62**	**26.91**	**25.81**	**25.81**	**25.90**	**24.52**	**25.37**	**24.88**	**24.52**
B63-1	30.03	**30.44**	**1.98**	**28.05**	**28.58**	**27.66**	**27.15**	**27.86**	**25.50**	**25.50**	**25.59**	**25.87**
B63-2	30.38	**14.40**	**2.28**	**28.10**	**28.43**	**27.82**	**27.42**	**27.97**	**25.45**	**25.45**	**25.47**	**25.74**
B64	28.22	**17.63**	**1.78**	**26.44**	**26.77**	**26.54**	**26.39**	**26.40**	**24.78**	**24.78**	**24.09**	**24.54**
B65	27.97	**17.62**	**4.24**	**23.73**	**24.42**	**23.64**	**15.67**	**20.71**	**16.54**	**22.94**	**16.93**	**17.60**
B66	31.96	**17.09**	**3.51**	**28.45**	**27.76**	**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**	**N/A**
B68	32.98	**35.80**	**6.80**	**26.18**	**26.68**	**22.83**	**22.26**	**23.14**	**21.58**	**22.81**	**21.95**	**21.48**
FA-1B	32.22	**97.96**	**13.15**	**19.07**	**18.82**	**17.31**	**15.11**	**18.12**	**14.18**	**14.18**	**15.10**	**17.13**
FA-2C	28.10	**96.10**	**12.50**	**15.60**	**15.45**	**13.00**	**10.41**	**13.24**	**9.45**	**13.31**	**10.06**	**12.26**
MO5-B	29.80	**35.85**	**10.00**	**19.80**	**19.95**	**17.54**	**14.78**	**17.59**	**13.90**	**18.95**	**14.58**	**16.05**
B70-1	31.03	**39.15**	**7.50**	**23.53**	**24.03**	**23.13**	**22.76**	**23.02**	**18.68**	**21.03**	**19.25**	**19.51**
B70-2	31.51	**21.91**	**7.50**	**24.01**	**24.61**	**23.71**	**23.31**	**23.49**	**18.98**	**21.34**	**19.64**	**19.68**
B71	30.75	**21.33**	**6.60**	**24.15**	**24.05**	**23.55**	**22.88**	**23.94**	**18.81**	**21.32**	**19.5**	**19.25**
B72	28.93	**27.50**	**5.27**	**23.66**	**23.53**	**23.13**	**23.03**	**23.44**	**18.71**	**21.31**	**19.38**	**18.85**
B73-1	29.20	**37.20**	**6.70**	**22.50**	**22.7**	**22**	**21.03**	**22.3**	**18.02**	**20.93**	**18.4**	**18.39**
B73-2	28.95	**20.38**	**5.74**	**23.21**	**23.35**	**22.75**	**22.71**	**23.3**	**18.64**	**21.38**	**19.08**	**18.9**
B74	33.78	**33.18**	**5.23**	**28.55**	**29.48**	**28.78**	**30.16**	**23.73**	**18.38**	**19.33**	**18.55**	**18.36**
B75	31.62	**20.60**	**7.01**	**24.61**	**23.12**	**23.87**	**21.45**	**23.43**	**19.19**	**20.02**	**19.1**	**18.87**
F-MB	33.88	**99.30**	**15.28**	**18.60**	**18.53**	**17.08**	**14.79**	**17.71**	**13.76**	**17.58**	**14.61**	**16.44**

SW ID	November 2014 Staff Gauge	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	**4.05**	**2.7**	**1.7**	**0.9**	**1.89**	**0.82**	**4.78**	**4.76**	**4.78**
SW-2	**5.15**	**5.40**	**4.05**	**2.78**	**4.23**	**2**	**2.9**	**1.96**	**1.9**
SW-3	**1.60**	**2.10**	**1.70**	**0.00**	**1.28**	**Dry**	**1.94**	**N/A**	**N/A**
SW-4	**3.15**	**3.30**	**2.00**	**0.75**	**2.25**	**Dry**	**1.18**	**N/A**	**N/A**
SW-5	**3.95**	**3.20**	**0.20**	**2.15**	**0.68**	**0.625**	**N/A**	**2.9**	**N/A**
SW-11	**NA**	**5.56**	**NA**	**2.30**	**5.7**	**1.5**	**2.5**	**1.1**	**1.19**
SW-12	**4.15**	**4.30**	**4.20**	**3.98**	**4.30**	**2.43**	**N/A**	**2.7**	**2.1**
North Leachate Pond	**NA**	**NA**	**NA**	**NA**	**5.8**				
South Leachate Pond	**NA**	**NA**	**NA**	**NA**	**dry**				

MONITOR WELL WATER LEVEL
TOMOKA FARMS ROAD LANDFILL

Current month collection date: 11/6/2014

Sampled by: MG, DI

Benzene Remediation Wells

Well ID	Survey (TOC Elevation)	November 2014 Total well depth(TOC)	November 2014 Depth to water	May 2014 Depth to water	November 2013 Depth to water	May 2013 Depth to water
B76-1		**34.30**	**4.00**	**3.85**	**4.35**	**5.12**
B77-1		**44.50**	**11.22**	**11.30**	**12.8**	**14.9**
B79-1		**43.42**	**7.50**	**7.20**	**8.95**	**12.09**
B81-4		**37.02**	**3.80**	**3.50**	**3.95**	**4.5**
B82-1		**38.64**	**7.64**	**6.85**	**8**	**8.34**
B86		**52.23**	**7.78**	**7.45**	**9**	**11.27**
B76-6		**49.90**	**7.70**	**7.80**	**9.35**	**11.39**
B79-6		**53.70**	**7.30**	**7.00**	**8.8**	**11.93**
B85-6		**50.00**	**7.45**	**7.1**		
B85-F		**96.00**	**10.05**	**10.2**		
B87-6		**50.00**	**10.18**	**10.2**		
B87-F		**96.00**	**12.30**	**12.7**		

Created by: Jeff Baylor, Project Manager

Report

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

November 24, 2014

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

RE: Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

CERTIFICATIONS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE SUMMARY

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35163559001	**EQ Blank 11/12/14**	Water	11/12/14 07:40	11/12/14 17:15
35163559002	**B45-1**	Water	11/12/14 09:00	11/12/14 17:15
35163559003	**B45-1 DUP**	Water	11/12/14 09:00	11/12/14 17:15
35163559004	**B45-2**	Water	11/12/14 10:16	11/12/14 17:15
35163559005	**B77**	Water	11/12/14 10:39	11/12/14 17:15
35163559006	**B81-4**	Water	11/12/14 11:19	11/12/14 17:15
35163559007	**Trip Blank 11/12/14**	Water	11/12/14 00:00	11/12/14 17:15

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35163559001	**EQ Blank 11/12/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163559002	**B45-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163559003	**B45-1 DUP**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163559004	**B45-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163559005	**B77**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC, KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163559006	**B81-4**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163559007	**Trip Blank 11/12/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163559002	**B45-1**					
	Field pH	5.83	Std. Units		11/12/14 09:00	
	Field Temperature	22.78	deg C		11/12/14 09:00	
	Appearance	Color: Yellow, Sheen: none			11/12/14 09:00	
	Field Specific Conductance	1522	umhos/cm		11/12/14 09:00	
	Oxygen, Dissolved	1.55	mg/L		11/12/14 09:00	
	REDOX	-162.2	mV		11/12/14 09:00	
	Turbidity	7.70	NTU		11/12/14 09:00	
	Depth to Water	6.43	feet		11/12/14 09:00	
	Water Level(NGVD)	23.85	feet		11/12/14 09:00	
EPA 6010	Barium	158	ug/L	10.0	11/18/14 22:47	
EPA 6010	Copper	2.6 I	ug/L	5.0	11/18/14 22:47	
EPA 6010	Iron	46100	ug/L	40.0	11/18/14 22:47	
EPA 6010	Sodium	225	mg/L	1.0	11/18/14 22:47	
EPA 8260	Benzene	10.3	ug/L	1.0	11/19/14 07:56	
EPA 8260	Chlorobenzene	5.9	ug/L	1.0	11/19/14 07:56	
EPA 8260	Xylene (Total)	2.4	ug/L	1.0	11/19/14 07:56	
SM 2540C	Total Dissolved Solids	1060	mg/L	10.0	11/16/14 14:18	
EPA 300.0	Chloride	22.6	mg/L	5.0	11/19/14 08:54	
EPA 300.0	Sulfate	7.3	mg/L	5.0	11/19/14 08:54	
EPA 350.1	Nitrogen, Ammonia	0.15	mg/L	0.050	11/14/14 18:07	
35163559003	**B45-1 DUP**					
	Field pH	5.83	Std. Units		11/12/14 09:00	
	Field Temperature	22.78	deg C		11/12/14 09:00	
	Appearance	Color: Yellow, Sheen: none			11/12/14 09:00	
	Field Specific Conductance	1522	umhos/cm		11/12/14 09:00	
	Oxygen, Dissolved	1.55	mg/L		11/12/14 09:00	
	REDOX	-162.3	mV		11/12/14 09:00	
	Turbidity	7.70	NTU		11/12/14 09:00	
	Depth to Water	6.43	feet		11/12/14 09:00	
	Water Level(NGVD)	23.85	feet		11/12/14 09:00	
EPA 6010	Barium	160	ug/L	10.0	11/18/14 22:51	
EPA 6010	Chromium	2.6 I	ug/L	5.0	11/18/14 22:51	
EPA 6010	Copper	2.6 I	ug/L	5.0	11/18/14 22:51	
EPA 6010	Iron	46300	ug/L	40.0	11/18/14 22:51	
EPA 6010	Silver	3.0 I	ug/L	5.0	11/18/14 22:51	
EPA 6010	Sodium	226	mg/L	1.0	11/18/14 22:51	
EPA 8260	Benzene	10.2	ug/L	1.0	11/19/14 08:45	
EPA 8260	Chlorobenzene	5.9	ug/L	1.0	11/19/14 08:45	
EPA 8260	Xylene (Total)	2.5	ug/L	1.0	11/19/14 08:45	
SM 2540C	Total Dissolved Solids	968	mg/L	10.0	11/16/14 14:19	
EPA 300.0	Chloride	199	mg/L	5.0	11/19/14 09:12	
EPA 350.1	Nitrogen, Ammonia	0.15	mg/L	0.050	11/14/14 18:09	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163559004	**B45-2**					
	Field pH	5.21	Std. Units		11/12/14 10:16	
	Field Temperature	23.90	deg C		11/12/14 10:16	
	Appearance	Color: Yellow, Sheen: none			11/12/14 10:16	
	Field Specific Conductance	489	umhos/cm		11/12/14 10:16	
	Oxygen, Dissolved	2.04	mg/L		11/12/14 10:16	
	REDOX	-72.8	mV		11/12/14 10:16	
	Turbidity	17.9	NTU		11/12/14 10:16	
	Depth to Water	6.82	feet		11/12/14 10:16	
	Water Level(NGVD)	23.53	feet		11/12/14 10:16	
EPA 6010	Barium	77.0	ug/L	10.0	11/18/14 23:08	
EPA 6010	Beryllium	0.50 I	ug/L	1.0	11/18/14 23:08	
EPA 6010	Chromium	4.5 I	ug/L	5.0	11/18/14 23:08	
EPA 6010	Cobalt	20.6	ug/L	10.0	11/18/14 23:08	
EPA 6010	Iron	6310	ug/L	40.0	11/18/14 23:08	
EPA 6010	Nickel	23.9	ug/L	5.0	11/18/14 23:08	
EPA 6010	Sodium	32.0	mg/L	1.0	11/18/14 23:08	
EPA 6010	Vanadium	5.1 I	ug/L	10.0	11/18/14 23:08	
EPA 6010	Zinc	41.6	ug/L	20.0	11/18/14 23:08	
EPA 8260	Benzene	0.38 I	ug/L	1.0	11/19/14 09:09	
SM 2540C	Total Dissolved Solids	424	mg/L	5.0	11/16/14 14:19	
EPA 300.0	Chloride	105	mg/L	25.0	11/22/14 09:14	
EPA 300.0	Sulfate	37.3	mg/L	5.0	11/18/14 13:26	
EPA 350.1	Nitrogen, Ammonia	0.057	mg/L	0.050	11/14/14 18:12	
EPA 353.2	Nitrogen, Nitrate	2.7	mg/L	0.050	11/13/14 10:29	
35163559005	**B77**					
	Field pH	6.03	Std. Units		11/12/14 10:39	
	Field Temperature	22.96	deg C		11/12/14 10:39	
	Appearance	Color: Yellow, Sheen: none			11/12/14 10:39	
	Field Specific Conductance	1881	umhos/cm		11/12/14 10:39	
	Oxygen, Dissolved	1.98	mg/L		11/12/14 10:39	
	REDOX	176.7	mV		11/12/14 10:39	
	Turbidity	9.45	NTU		11/12/14 10:39	
	Depth to Water	11.22	feet		11/12/14 10:39	
EPA 6010	Barium	117	ug/L	10.0	11/18/14 23:12	
EPA 6010	Iron	35700	ug/L	40.0	11/18/14 23:12	
EPA 6010	Sodium	139	mg/L	1.0	11/18/14 23:12	
EPA 8260	Benzene	5.2	ug/L	1.0	11/19/14 09:34	
EPA 8260	Chlorobenzene	1.7	ug/L	1.0	11/19/14 09:34	
EPA 8260	Toluene	0.78 I	ug/L	1.0	11/19/14 09:34	
EPA 8260	Xylene (Total)	3.2	ug/L	1.0	11/19/14 09:34	
SM 2540C	Total Dissolved Solids	1290	mg/L	10.0	11/16/14 14:20	
EPA 300.0	Chloride	286	mg/L	25.0	11/18/14 13:48	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163559005	**B77**					
EPA 350.1	Nitrogen, Ammonia	0.19	mg/L	0.050	11/14/14 18:14	
35163559006	**B81-4**					
	Field pH	6.11	Std. Units		11/12/14 11:19	
	Field Temperature	22.93	deg C		11/12/14 11:19	
	Appearance	Color: Yellow, Sheen: none			11/12/14 11:19	
	Field Specific Conductance	768	umhos/cm		11/12/14 11:19	
	Oxygen, Dissolved	0.86	mg/L		11/12/14 11:19	
	REDOX	168.7	mV		11/12/14 11:19	
	Turbidity	6.83	NTU		11/12/14 11:19	
	Depth to Water	3.80	feet		11/12/14 11:19	
EPA 6010	Barium	65.9	ug/L	10.0	11/18/14 23:16	
EPA 6010	Iron	9990	ug/L	40.0	11/18/14 23:16	
EPA 6010	Sodium	78.6	mg/L	1.0	11/18/14 23:16	
EPA 8260	Benzene	0.93	I ug/L	1.0	11/19/14 09:58	
EPA 8260	Chlorobenzene	0.76	I ug/L	1.0	11/19/14 09:58	
SM 2540C	Total Dissolved Solids	511	mg/L	5.0	11/16/14 14:20	
EPA 300.0	Chloride	94.6	mg/L	10.0	11/20/14 01:35	
EPA 350.1	Nitrogen, Ammonia	0.16	mg/L	0.050	11/15/14 15:13	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: EQ Blank 11/12/14 **Lab ID: 35163559001** Collected: 11/12/14 07:40 Received: 11/12/14 17:15 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	11/13/14 13:30	11/14/14 04:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/13/14 13:30	11/14/14 04:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:43	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:43	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:43	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:43	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:43	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:43	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:43	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 22:43	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:43	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:43	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 22:43	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:43	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:43	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:43	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 22:43	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:31	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/20/14 15:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 06:18	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:18	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 06:18	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 06:18	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:18	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:18	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 06:18	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 06:18	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: EQ Blank 11/12/14 **Lab ID: 35163559001** Collected: 11/12/14 07:40 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:18	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 06:18	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 06:18	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:18	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 06:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:18	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 06:18	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 06:18	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 06:18	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/19/14 06:18	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/19/14 06:18	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 06:18	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/16/14 14:18		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/18/14 12:22	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/18/14 12:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/14/14 18:05	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-1 **Lab ID: 35163559002** Collected: 11/12/14 09:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.83**	Std. Units			1		11/12/14 09:00		
Field Temperature	**22.78**	deg C			1		11/12/14 09:00		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 09:00		
Field Specific Conductance	**1522**	umhos/cm			1		11/12/14 09:00		
Oxygen, Dissolved	**1.55**	mg/L			1		11/12/14 09:00	7782-44-7	
REDOX	**-162.2**	mV			1		11/12/14 09:00		
Turbidity	**7.70**	NTU			1		11/12/14 09:00		
Depth to Water	**6.43**	feet			1		11/12/14 09:00		
Water Level(NGVD)	**23.85**	feet			1		11/12/14 09:00		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	11/13/14 13:30	11/14/14 04:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/13/14 13:30	11/14/14 04:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:47	7440-38-2	
Barium	**158**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:47	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:47	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:47	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:47	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:47	7440-48-4	
Copper	**2.6 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:47	7440-50-8	
Iron	**46100**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 22:47	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:47	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:47	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 22:47	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:47	7440-22-4	
Sodium	**225**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:47	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:47	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 22:47	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:33	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:33	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/20/14 15:57	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 07:56	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:56	107-13-1	
Benzene	**10.3**	ug/L	1.0	0.10	1		11/19/14 07:56	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	74-97-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-1 **Lab ID: 35163559002** Collected: 11/12/14 09:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 07:56	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:56	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:56	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	56-23-5	
Chlorobenzene	**5.9**	ug/L	1.0	0.50	1		11/19/14 07:56	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 07:56	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 07:56	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:56	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 07:56	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 07:56	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:56	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 07:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:56	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 07:56	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 07:56	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 07:56	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:56	75-01-4	
Xylene (Total)	**2.4**	ug/L	1.0	0.50	1		11/19/14 07:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/19/14 07:56	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		11/19/14 07:56	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 07:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-1 **Lab ID: 35163559002** Collected: 11/12/14 09:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1060**	mg/L	10.0	10.0	1		11/16/14 14:18		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**22.6**	mg/L	5.0	2.5	1		11/19/14 08:54	16887-00-6	
Sulfate	**7.3**	mg/L	5.0	2.5	1		11/19/14 08:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.15**	mg/L	0.050	0.020	1		11/14/14 18:07	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-1 DUP **Lab ID: 35163559003** Collected: 11/12/14 09:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.83**	Std. Units			1		11/12/14 09:00		
Field Temperature	**22.78**	deg C			1		11/12/14 09:00		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 09:00		
Field Specific Conductance	**1522**	umhos/cm			1		11/12/14 09:00		
Oxygen, Dissolved	**1.55**	mg/L			1		11/12/14 09:00	7782-44-7	
REDOX	**-162.3**	mV			1		11/12/14 09:00		
Turbidity	**7.70**	NTU			1		11/12/14 09:00		
Depth to Water	**6.43**	feet			1		11/12/14 09:00		
Water Level(NGVD)	**23.85**	feet			1		11/12/14 09:00		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	11/13/14 13:30	11/14/14 04:36	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/13/14 13:30	11/14/14 04:36	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:51	7440-38-2	
Barium	**160**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:51	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:51	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:51	7440-43-9	
Chromium	**2.6 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:51	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:51	7440-48-4	
Copper	**2.6 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:51	7440-50-8	
Iron	**46300**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 22:51	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:51	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:51	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 22:51	7782-49-2	
Silver	**3.0 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 22:51	7440-22-4	
Sodium	**226**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 22:51	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 22:51	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 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	11/16/14 12:30	11/19/14 19:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/20/14 16:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 08:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 08:45	107-13-1	
Benzene	**10.2**	ug/L	1.0	0.10	1		11/19/14 08:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	74-97-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-1 DUP **Lab ID: 35163559003** Collected: 11/12/14 09:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 08:45	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 08:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 08:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	56-23-5	
Chlorobenzene	**5.9**	ug/L	1.0	0.50	1		11/19/14 08:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 08:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 08:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 08:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 08:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 08:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 08:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 08:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 08:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 08:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 08:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 08:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 08:45	75-01-4	
Xylene (Total)	**2.5**	ug/L	1.0	0.50	1		11/19/14 08:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 08:45	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		11/19/14 08:45	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/19/14 08:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-1 DUP **Lab ID: 35163559003** Collected: 11/12/14 09:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**968**	mg/L	10.0	10.0	1		11/16/14 14:19		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**199**	mg/L	5.0	2.5	1		11/19/14 09:12	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 09:12	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.15**	mg/L	0.050	0.020	1		11/14/14 18:09	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-2 **Lab ID: 35163559004** Collected: 11/12/14 10:16 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.21**	Std. Units			1		11/12/14 10:16		
Field Temperature	**23.90**	deg C			1		11/12/14 10:16		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 10:16		
Field Specific Conductance	**489**	umhos/cm			1		11/12/14 10:16		
Oxygen, Dissolved	**2.04**	mg/L			1		11/12/14 10:16	7782-44-7	
REDOX	**-72.8**	mV			1		11/12/14 10:16		
Turbidity	**17.9**	NTU			1		11/12/14 10:16		
Depth to Water	**6.82**	feet			1		11/12/14 10:16		
Water Level(NGVD)	**23.53**	feet			1		11/12/14 10:16		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	11/13/14 13:30	11/14/14 04:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/13/14 13:30	11/14/14 04:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:08	7440-38-2	
Barium	**77.0**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:08	7440-39-3	
Beryllium	**0.50 I**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:08	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:08	7440-43-9	
Chromium	**4.5 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:08	7440-47-3	
Cobalt	**20.6**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:08	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:08	7440-50-8	
Iron	**6310**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 23:08	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:08	7439-92-1	
Nickel	**23.9**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:08	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 23:08	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:08	7440-22-4	
Sodium	**32.0**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:08	7440-23-5	
Vanadium	**5.1 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:08	7440-62-2	
Zinc	**41.6**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 23:08	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:45	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:45	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/20/14 16:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 09:09	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:09	107-13-1	
Benzene	**0.38 I**	ug/L	1.0	0.10	1		11/19/14 09:09	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	74-97-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-2 **Lab ID: 35163559004** Collected: 11/12/14 10:16 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 09:09	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:09	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:09	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 09:09	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 09:09	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:09	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 09:09	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 09:09	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:09	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 09:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:09	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 09:09	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 09:09	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 09:09	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 09:09	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/19/14 09:09	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/19/14 09:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B45-2 **Lab ID: 35163559004** Collected: 11/12/14 10:16 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**424**	mg/L	5.0	5.0	1		11/16/14 14:19		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**105**	mg/L	25.0	12.5	5		11/22/14 09:14	16887-00-6	
Sulfate	**37.3**	mg/L	5.0	2.5	1		11/18/14 13:26	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.057**	mg/L	0.050	0.020	1		11/14/14 18:12	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**2.7**	mg/L	0.050	0.025	1		11/13/14 10:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B77 **Lab ID: 35163559005** Collected: 11/12/14 10:39 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.03**	Std. Units			1		11/12/14 10:39		
Field Temperature	**22.96**	deg C			1		11/12/14 10:39		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 10:39		
Field Specific Conductance	**1881**	umhos/cm			1		11/12/14 10:39		
Oxygen, Dissolved	**1.98**	mg/L			1		11/12/14 10:39	7782-44-7	
REDOX	**176.7**	mV			1		11/12/14 10:39		
Turbidity	**9.45**	NTU			1		11/12/14 10:39		
Depth to Water	**11.22**	feet			1		11/12/14 10:39		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	11/13/14 13:30	11/14/14 05:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	11/13/14 13:30	11/14/14 05:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:12	7440-38-2	
Barium	**117**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:12	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:12	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:12	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:12	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:12	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:12	7440-50-8	
Iron	**35700**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 23:12	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:12	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:12	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 23:12	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:12	7440-22-4	
Sodium	**139**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:12	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:12	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 23:12	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:48	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:48	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/20/14 16:08	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 09:34	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:34	107-13-1	
Benzene	**5.2**	ug/L	1.0	0.10	1		11/19/14 09:34	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 09:34	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B77 **Lab ID: 35163559005** Collected: 11/12/14 10:39 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:34	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:34	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	56-23-5	
Chlorobenzene	**1.7**	ug/L	1.0	0.50	1		11/19/14 09:34	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 09:34	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 09:34	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:34	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 09:34	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 09:34	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:34	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 09:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:34	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 09:34	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	127-18-4	
Toluene	**0.78 I**	ug/L	1.0	0.50	1		11/19/14 09:34	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 09:34	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 09:34	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:34	75-01-4	
Xylene (Total)	**3.2**	ug/L	1.0	0.50	1		11/19/14 09:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/19/14 09:34	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		11/19/14 09:34	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 09:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B77 **Lab ID: 35163559005** Collected: 11/12/14 10:39 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1290**	mg/L	10.0	10.0	1		11/16/14 14:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**286**	mg/L	25.0	12.5	5		11/18/14 13:48	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 09:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.19**	mg/L	0.050	0.020	1		11/14/14 18:14	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B81-4 **Lab ID: 35163559006** Collected: 11/12/14 11:19 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.11**	Std. Units			1		11/12/14 11:19		
Field Temperature	**22.93**	deg C			1		11/12/14 11:19		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 11:19		
Field Specific Conductance	**768**	umhos/cm			1		11/12/14 11:19		
Oxygen, Dissolved	**0.86**	mg/L			1		11/12/14 11:19	7782-44-7	
REDOX	**168.7**	mV			1		11/12/14 11:19		
Turbidity	**6.83**	NTU			1		11/12/14 11:19		
Depth to Water	**3.80**	feet			1		11/12/14 11:19		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.021	0.0050	1	11/13/14 13:30	11/14/14 05:36	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/13/14 13:30	11/14/14 05:36	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:16	7440-38-2	
Barium	**65.9**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:16	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:16	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:16	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:16	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:16	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:16	7440-50-8	
Iron	**9990**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 23:16	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:16	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:16	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 23:16	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:16	7440-22-4	
Sodium	**78.6**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:16	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:16	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 23:16	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/20/14 16:10	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 09:58	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:58	107-13-1	
Benzene	**0.93 I**	ug/L	1.0	0.10	1		11/19/14 09:58	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 09:58	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B81-4 **Lab ID: 35163559006** Collected: 11/12/14 11:19 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:58	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:58	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	56-23-5	
Chlorobenzene	**0.76 I**	ug/L	1.0	0.50	1		11/19/14 09:58	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 09:58	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 09:58	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:58	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 09:58	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 09:58	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:58	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 09:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 09:58	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 09:58	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 09:58	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 09:58	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 09:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/19/14 09:58	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		11/19/14 09:58	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/19/14 09:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: B81-4 **Lab ID: 35163559006** Collected: 11/12/14 11:19 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**511**	mg/L	5.0	5.0	1		11/16/14 14:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**94.6**	mg/L	10.0	5.0	2		11/20/14 01:35	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 15:08	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.16**	mg/L	0.050	0.020	1		11/15/14 15:13	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:32		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: Trip Blank 11/12/14 **Lab ID: 35163559007** Collected: 11/12/14 00:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 06:43	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:43	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 06:43	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 06:43	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:43	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:43	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 06:43	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/19/14 06:43	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 06:43	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:43	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 06:43	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 06:43	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:43	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 06:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 06:43	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 06:43	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 06:43	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 06:43	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Sample: Trip Blank 11/12/14 **Lab ID: 35163559007** Collected: 11/12/14 00:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 06:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/19/14 06:43	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/19/14 06:43	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		11/19/14 06:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: MERP/5119 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

METHOD BLANK: 1061801 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/20/14 15:12	

LABORATORY CONTROL SAMPLE: 1061802

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061803 1061804

Parameter	Units	35162777001 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	1.9	98	96	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: MPRP/21517 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

METHOD BLANK: 1058650 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/18/14 21:21	
Barium	ug/L	5.0U	10.0	11/18/14 21:21	
Beryllium	ug/L	0.50U	1.0	11/18/14 21:21	
Cadmium	ug/L	0.50U	1.0	11/18/14 21:21	
Chromium	ug/L	2.5U	5.0	11/18/14 21:21	
Cobalt	ug/L	5.0U	10.0	11/18/14 21:21	
Copper	ug/L	2.5U	5.0	11/18/14 21:21	
Iron	ug/L	20.0U	40.0	11/18/14 21:21	
Lead	ug/L	5.0U	10.0	11/18/14 21:21	
Nickel	ug/L	2.5U	5.0	11/18/14 21:21	
Selenium	ug/L	7.5U	15.0	11/18/14 21:21	
Silver	ug/L	2.5U	5.0	11/18/14 21:21	
Sodium	mg/L	0.50U	1.0	11/18/14 21:21	
Vanadium	ug/L	5.0U	10.0	11/18/14 21:21	
Zinc	ug/L	10.0U	20.0	11/18/14 21:21	

LABORATORY CONTROL SAMPLE: 1058651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	246	98	80-120	
Barium	ug/L	250	250	100	80-120	
Beryllium	ug/L	25	25.7	103	80-120	
Cadmium	ug/L	25	25.7	103	80-120	
Chromium	ug/L	250	251	100	80-120	
Cobalt	ug/L	250	258	103	80-120	
Copper	ug/L	250	242	97	80-120	
Iron	ug/L	2500	2530	101	80-120	
Lead	ug/L	250	260	104	80-120	
Nickel	ug/L	250	260	104	80-120	
Selenium	ug/L	250	256	102	80-120	
Silver	ug/L	25	24.0	96	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	248	99	80-120	
Zinc	ug/L	1250	1280	102	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058652 1058653

Parameter	Units	35162671001 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	251	254	100	101	75-125	1	20	
Barium	ug/L	5.0U	250	250	256	255	102	102	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.1	25.7	104	103	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	25.5	25.3	102	101	75-125	1	20	
Chromium	ug/L	2.5U	250	250	256	251	102	100	75-125	2	20	
Cobalt	ug/L	5.0U	250	250	258	255	103	102	75-125	1	20	
Copper	ug/L	2.5U	250	250	254	250	101	100	75-125	2	20	
Iron	ug/L	1550	2500	2500	4110	4080	102	101	75-125	1	20	
Lead	ug/L	5.0U	250	250	254	252	102	101	75-125	1	20	
Nickel	ug/L	61.1	250	250	319	316	103	102	75-125	1	20	
Selenium	ug/L	7.5U	250	250	255	253	102	101	75-125	1	20	
Silver	ug/L	2.5U	25	25	25.5	24.8	102	99	75-125	3	20	
Sodium	mg/L	218000 ug/L	12.5	12.5	230	230	95	92	75-125	0	20	
Vanadium	ug/L	5.0U	250	250	260	256	102	101	75-125	2	20	
Zinc	ug/L	10.0U	1250	1250	1300	1290	104	103	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: MPRP/21518 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

METHOD BLANK: 1058654 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/19/14 18:43	
Thallium	ug/L	0.50U	1.0	11/19/14 18:43	

LABORATORY CONTROL SAMPLE: 1058655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	50.1	100	80-120	
Thallium	ug/L	50	50.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058656 1058657

Parameter	Units	35162671002 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	48.8	50.4	97	100	75-125	3	20	
Thallium	ug/L	0.50U	50	50	50.8	52.4	101	104	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: MSV/13295 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006, 35163559007

METHOD BLANK: 1060476 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006, 35163559007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/19/14 05:29	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/19/14 05:29	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/19/14 05:29	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/19/14 05:29	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/19/14 05:29	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/19/14 05:29	
2-Hexanone	ug/L	5.0U	10.0	11/19/14 05:29	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/19/14 05:29	
Acetone	ug/L	10.0U	20.0	11/19/14 05:29	
Acrylonitrile	ug/L	5.0U	10.0	11/19/14 05:29	
Benzene	ug/L	0.10U	1.0	11/19/14 05:29	
Bromochloromethane	ug/L	0.50U	1.0	11/19/14 05:29	
Bromodichloromethane	ug/L	0.27U	0.60	11/19/14 05:29	
Bromoform	ug/L	0.50U	1.0	11/19/14 05:29	
Bromomethane	ug/L	0.50U	1.0	11/19/14 05:29	
Carbon disulfide	ug/L	5.0U	10.0	11/19/14 05:29	
Carbon tetrachloride	ug/L	0.50U	1.0	11/19/14 05:29	
Chlorobenzene	ug/L	0.50U	1.0	11/19/14 05:29	
Chloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
Chloroform	ug/L	0.50U	1.0	11/19/14 05:29	
Chloromethane	ug/L	0.62U	1.0	11/19/14 05:29	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/19/14 05:29	
Dibromochloromethane	ug/L	0.26U	0.50	11/19/14 05:29	
Dibromomethane	ug/L	0.50U	1.0	11/19/14 05:29	
Ethylbenzene	ug/L	0.50U	1.0	11/19/14 05:29	
Iodomethane	ug/L	0.50U	1.0	11/19/14 05:29	
Methylene Chloride	ug/L	2.5U	5.0	11/19/14 05:29	
Styrene	ug/L	0.50U	1.0	11/19/14 05:29	
Tetrachloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
Toluene	ug/L	0.50U	1.0	11/19/14 05:29	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/19/14 05:29	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

METHOD BLANK: 1060476 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006, 35163559007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/19/14 05:29	
Trichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/19/14 05:29	
Vinyl acetate	ug/L	1.0U	2.0	11/19/14 05:29	
Vinyl chloride	ug/L	0.50U	1.0	11/19/14 05:29	
Xylene (Total)	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichloroethane-d4 (S)	%	102	86-125	11/19/14 05:29	
4-Bromofluorobenzene (S)	%	97	70-114	11/19/14 05:29	
Toluene-d8 (S)	%	101	87-113	11/19/14 05:29	

LABORATORY CONTROL SAMPLE: 1060477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.3	96	70-130	
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.9	89	70-130	
1,1,2-Trichloroethane	ug/L	20	19.0	95	70-130	
1,1-Dichloroethane	ug/L	20	18.9	95	70-130	
1,1-Dichloroethene	ug/L	20	18.9	95	70-130	
1,2,3-Trichloropropane	ug/L	20	16.3	81	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.9	89	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.3	96	70-130	
1,2-Dichlorobenzene	ug/L	20	17.5	87	70-130	
1,2-Dichloroethane	ug/L	20	19.0	95	70-130	
1,2-Dichloropropane	ug/L	20	18.9	94	70-130	
1,4-Dichlorobenzene	ug/L	20	17.4	87	70-130	
2-Butanone (MEK)	ug/L	40	35.6	89	55-167	
2-Hexanone	ug/L	40	37.3	93	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.0	100	70-130	
Acetone	ug/L	40	36.2	91	40-150	
Acrylonitrile	ug/L	200	181	90	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	19.6	98	70-130	
Bromodichloromethane	ug/L	20	18.9	94	70-130	
Bromoform	ug/L	20	18.6	93	68-130	
Bromomethane	ug/L	20	17.7	89	38-179	
Carbon disulfide	ug/L	20	18.1	91	51-155	
Carbon tetrachloride	ug/L	20	18.8	94	70-130	
Chlorobenzene	ug/L	20	19.5	98	70-130	
Chloroethane	ug/L	20	21.1	105	59-149	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	15.0	75	68-130	
cis-1,2-Dichloroethene	ug/L	20	18.7	94	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.2	91	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

LABORATORY CONTROL SAMPLE: 1060477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	20.5	102	70-130	
Dibromomethane	ug/L	20	19.2	96	70-130	
Ethylbenzene	ug/L	20	19.2	96	70-130	
Iodomethane	ug/L	40	12.8	32	43-160	J(L0)
Methylene Chloride	ug/L	20	18.6	93	70-130	
Styrene	ug/L	20	19.1	95	70-130	
Tetrachloroethene	ug/L	20	19.9	100	66-133	
Toluene	ug/L	20	19.0	95	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.9	95	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.7	94	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	15.6	78	65-130	
Trichloroethene	ug/L	20	18.9	95	70-130	
Trichlorofluoromethane	ug/L	20	20.3	101	70-131	
Vinyl acetate	ug/L	20	19.3	96	69-135	
Vinyl chloride	ug/L	20	19.6	98	69-140	
Xylene (Total)	ug/L	60	57.2	95	70-130	
1,2-Dichloroethane-d4 (S)	%			96	86-125	
4-Bromofluorobenzene (S)	%			103	70-114	
Toluene-d8 (S)	%			103	87-113	

MATRIX SPIKE SAMPLE: 1063605

Parameter	Units	35163559003 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	22.7	113	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.6	93	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.9	100	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	21.6	108	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	23.7	119	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	19.5	97	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	17.3	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	19.3	97	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	21.0	105	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	20.8	104	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.3	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	29.1	73	48-138	
2-Hexanone	ug/L	5.0U	40	28.3	71	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	32.5	81	28-143	
Acetone	ug/L	10.0U	40	31.1	66	20-140	
Acrylonitrile	ug/L	5.0U	200	175	88	46-130	
Benzene	ug/L	10.2	20	21.3	56	53-132	
Bromochloromethane	ug/L	0.50U	20	22.6	113	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.8	104	46-130	
Bromoform	ug/L	0.50U	20	18.6	93	32-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

MATRIX SPIKE SAMPLE: 1063605

Parameter	Units	35163559003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	18.6	93	20-152	
Carbon disulfide	ug/L	5.0U	20	19.6	97	28-184	
Carbon tetrachloride	ug/L	0.50U	20	24.3	121	37-137	
Chlorobenzene	ug/L	5.9	20	21.0	76	46-130	
Chloroethane	ug/L	0.50U	20	23.5	118	48-159	
Chloroform	ug/L	0.50U	20	21.3	107	51-130	
Chloromethane	ug/L	0.62U	20	14.4	72	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20.9	104	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.3	97	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.1	106	43-130	
Dibromomethane	ug/L	0.50U	20	20.4	102	50-130	
Ethylbenzene	ug/L	0.50U	20	21.7	109	43-130	
Iodomethane	ug/L	0.50U	40	12.6	32	20-169	
Methylene Chloride	ug/L	2.5U	20	20.0	100	51-135	
Styrene	ug/L	0.50U	20	20.3	101	40-130	
Tetrachloroethene	ug/L	0.50U	20	21.9	110	26-130	
Toluene	ug/L	0.50U	20	21.3	104	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.8	109	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.3	92	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	12.6	63	20-139	
Trichloroethene	ug/L	0.50U	20	21.7	108	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	28.6	143	46-146	
Vinyl acetate	ug/L	1.0U	20	12.6	63	20-165	
Vinyl chloride	ug/L	0.50U	20	23.7	119	57-142	
Xylene (Total)	ug/L	2.5	60	63.6	102	42-130	
1,2-Dichloroethane-d4 (S)	%				93	86-125	
4-Bromofluorobenzene (S)	%				104	70-114	
Toluene-d8 (S)	%				103	87-113	

SAMPLE DUPLICATE: 1063604

Parameter	Units	35163559002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

SAMPLE DUPLICATE: 1063604

Parameter	Units	35163559002 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	10.3	10.2	0	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	5.9	6.1	3	40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	2.4	2.4	2	40	
1,2-Dichloroethane-d4 (S)	%	101	103	2		
4-Bromofluorobenzene (S)	%	95	95	1		
Toluene-d8 (S)	%	102	102	0		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: OEXT/19671 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

METHOD BLANK: 1056038 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/14/14 01:05	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/14/14 01:05	

LABORATORY CONTROL SAMPLE: 1056039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.24	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.25	100	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1056040 1056041

Parameter	Units	35163529001 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	.42	.44	0.44	0.42	105	96	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	<0.0064	.42	.44	0.45	0.43	108	99	60-140	4	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: WET/27864 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

METHOD BLANK: 1058678 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/16/14 14:17	

LABORATORY CONTROL SAMPLE: 1058679

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

SAMPLE DUPLICATE: 1058752

Parameter	Units	35163559002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1040	2	20	

SAMPLE DUPLICATE: 1058753

Parameter	Units	35163559003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	968	966	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: WETA/41321 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005

METHOD BLANK: 1059858 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/18/14 09:10	
Sulfate	mg/L	2.5U	5.0	11/18/14 09:10	

LABORATORY CONTROL SAMPLE: 1059859

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.4	97	90-110	
Sulfate	mg/L	50	48.6	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1059860 1059861

Parameter	Units	35162245001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	11.8	50	50	60.9	61.1	98	99	90-110	0	20	
Sulfate	mg/L	2.5U	50	50	47.9	48.1	92	93	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: WETA/41379 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35163559006

METHOD BLANK: 1061209 Matrix: Water
Associated Lab Samples: 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/20/14 00:09	
Sulfate	mg/L	2.5U	5.0	11/20/14 00:09	

LABORATORY CONTROL SAMPLE: 1061210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.8	100	90-110	
Sulfate	mg/L	50	49.0	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061211 1061212

Parameter	Units	35163895002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	37.1	50	50	93.5	93.4	113	113	90-110	0	20	J(M1)
Sulfate	mg/L	12.3	50	50	64.1	64.2	104	104	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061213 1061214

Parameter	Units	35163895011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	19.8	50	50	72.4	72.5	105	105	90-110	0	20	
Sulfate	mg/L	19.1	50	50	70.2	70.2	102	102	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: WETA/41243 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005

METHOD BLANK: 1057397 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/14/14 17:38	

LABORATORY CONTROL SAMPLE: 1057398

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

MATRIX SPIKE SAMPLE: 1057400

Parameter	Units	35163760009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L			7.1			

SAMPLE DUPLICATE: 1057399

Parameter	Units	35163760009 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L		6.2	.4	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: WETA/41259
QC Batch Method: EPA 350.1
Analysis Method: EPA 350.1
Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163559006

METHOD BLANK: 1058388 Matrix: Water
Associated Lab Samples: 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/15/14 14:57	

LABORATORY CONTROL SAMPLE: 1058389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 1058391

Parameter	Units	35163959002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.026 I	1	1.1	107	90-110	

SAMPLE DUPLICATE: 1058390

Parameter	Units	35163959002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.026 I	0.030 I		20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

QC Batch: WETA/41195 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

METHOD BLANK: 1055906 Matrix: Water
Associated Lab Samples: 35163559001, 35163559002, 35163559003, 35163559004, 35163559005, 35163559006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/13/14 10:18	

SAMPLE DUPLICATE: 1055908

Parameter	Units	35163559002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1055910

Parameter	Units	35163570001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.31	0.26	18		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

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.

PQL - Practical Quantitation 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(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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163559002	**B45-1**		FLD/		
35163559003	**B45-1 DUP**		FLD/		
35163559004	**B45-2**		FLD/		
35163559005	**B77**		FLD/		
35163559006	**B81-4**		FLD/		
35163559001	**EQ Blank 11/12/14**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163559002	**B45-1**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163559003	**B45-1 DUP**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163559004	**B45-2**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163559005	**B77**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163559006	**B81-4**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163559001	**EQ Blank 11/12/14**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163559002	**B45-1**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163559003	**B45-1 DUP**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163559004	**B45-2**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163559005	**B77**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163559006	**B81-4**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163559001	**EQ Blank 11/12/14**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163559002	**B45-1**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163559003	**B45-1 DUP**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163559004	**B45-2**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163559005	**B77**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163559006	**B81-4**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163559001	**EQ Blank 11/12/14**	EPA 7470	MERP/5119	EPA 7470	MERC/5111
35163559002	**B45-1**	EPA 7470	MERP/5119	EPA 7470	MERC/5111
35163559003	**B45-1 DUP**	EPA 7470	MERP/5119	EPA 7470	MERC/5111
35163559004	**B45-2**	EPA 7470	MERP/5119	EPA 7470	MERC/5111
35163559005	**B77**	EPA 7470	MERP/5119	EPA 7470	MERC/5111
35163559006	**B81-4**	EPA 7470	MERP/5119	EPA 7470	MERC/5111
35163559001	**EQ Blank 11/12/14**	EPA 8260	MSV/13295		
35163559002	**B45-1**	EPA 8260	MSV/13295		
35163559003	**B45-1 DUP**	EPA 8260	MSV/13295		
35163559004	**B45-2**	EPA 8260	MSV/13295		
35163559005	**B77**	EPA 8260	MSV/13295		
35163559006	**B81-4**	EPA 8260	MSV/13295		
35163559007	**Trip Blank 11/12/14**	EPA 8260	MSV/13295		
35163559001	**EQ Blank 11/12/14**	SM 2540C	WET/27864		
35163559002	**B45-1**	SM 2540C	WET/27864		
35163559003	**B45-1 DUP**	SM 2540C	WET/27864		
35163559004	**B45-2**	SM 2540C	WET/27864		
35163559005	**B77**	SM 2540C	WET/27864		
35163559006	**B81-4**	SM 2540C	WET/27864		
35163559001	**EQ Blank 11/12/14**	EPA 300.0	WETA/41321		
35163559002	**B45-1**	EPA 300.0	WETA/41321		
35163559003	**B45-1 DUP**	EPA 300.0	WETA/41321		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Benzene Remediation
Pace Project No.: 35163559

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163559004	**B45-2**	EPA 300.0	WETA/41321		
35163559005	**B77**	EPA 300.0	WETA/41321		
35163559006	**B81-4**	EPA 300.0	WETA/41379		
35163559001	**EQ Blank 11/12/14**	EPA 350.1	WETA/41243		
35163559002	**B45-1**	EPA 350.1	WETA/41243		
35163559003	**B45-1 DUP**	EPA 350.1	WETA/41243		
35163559004	**B45-2**	EPA 350.1	WETA/41243		
35163559005	**B77**	EPA 350.1	WETA/41243		
35163559006	**B81-4**	EPA 350.1	WETA/41259		
35163559001	**EQ Blank 11/12/14**	EPA 353.2	WETA/41195		
35163559002	**B45-1**	EPA 353.2	WETA/41195		
35163559003	**B45-1 DUP**	EPA 353.2	WETA/41195		
35163559004	**B45-2**	EPA 353.2	WETA/41195		
35163559005	**B77**	EPA 353.2	WETA/41195		
35163559006	**B81-4**	EPA 353.2	WETA/41195		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

WO# : 35163559

35163559

st Document
completed accurately.

Page: 1 of 1

1867127

Section A
Required Client Information:

Company:	VOLUSIA County SOLID WASTE
Address:	1990 TOMOKA FARMS
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	JENNIFER STIRK
Copy To:	
Purchase Order No.:	
Project Name:	TOMOKA BENZENE PLUME
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: TDS, NITRATE, CHLORIDE, SULFATE	NITROGEN, AMMONIA	6010 6020 METAL	8260 VOC	SOIL EDB	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ		G			11-12-14	0740		8	3	1	1	3					Y	Y	Y	Y	Y		
2	B 45-1						0900		1	1	1	1	1											
3	DUPLICATE						0900																	
4	B 45-2						1016																	
5	B 77						1039																	
6	B 81-4						1119																	
7	TRIP BLANK						0000																	
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	MARK GILBERT / PACE	11-12-14	1715		11-12-14	1715

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5.4 T-165	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DAVID ICE, MARK GILBERT / PACE

SIGNATURE of SAMPLER: _____ DATE Signed (MM/DD/YY): 11-12-14

*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 LANDFILL BENZENE
WELL NO: 4 | SAMPLE ID: B 81-4 | DATE: 10-12-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 3.80 | PURGE PUMP TYPE OR BAILER: ESP

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

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

= (37.02 feet – 3.80 feet) X 0.16 gallons/foot = 5.3152 gallons

= gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6 ft | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 ft | PURGING INITIATED AT: 1057 | PURGING ENDED AT: 1114 | 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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1108	5.50	5.50	0.50	6.80	6.11	23.09	749	0.58	3.24	Yellow	SULFER
1111	1.50	7.00	0.50	6.85	6.12	23.03	762	0.74	1.32	1	1
1114	1.50	8.50	0.50	6.85	6.11	22.93	768	0.86	6.83	1	1

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DAVID ICK, MARK GILBERT/PACE | SAMPLER(S) SIGNATURE(S):
PUMP OR TUBING DEPTH IN WELL (feet): 9 ft | TUBING MATERIAL CODE: PE | SAMPLING INITIATED AT: 1114 | SAMPLING ENDED AT: 1119
FIELD DECONTAMINATION: PUMP Y (N) TUBING (Y) N (replaced) | FIELD-FILTERED: Y (N) Filtration Equipment Type: (B) | FILTER SIZE: ____ µm
SAMPLE CONTAINER SPECIFICATION | SAMPLE PRESERVATION | DUPLICATE: Y (N)

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		6.11	TDS, Nitrate Cl Sulfate	ESP	< 400
	1	"	250	HNO_3		< 2	6010 6020		
	1	"	250	H_2SO_4		< 2	Nitrogen, Ammonia		
	2	CG	40	ICE		6.11	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:
ORP 157.7 ORP 162.6 ORP 168.7

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 Landfill Beyond
WELL NO: 1 | SAMPLE ID: B 45-1 / Duplicate | DATE: 11-12-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.43 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (37.08 feet – 6.43 feet) X 0.16 gallons/foot = 4.904 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): 12 | PURGING INITIATED AT: 0821 | PURGING ENDED AT: 0850 | TOTAL VOLUME PURGED (gallons): 14.50

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
DF 0831	5.00	5.00	0.50	9.72	5.81	20.21	1452	1.26	65.2	Yellow	Sulfur
0834	5.50	10.50	0.50	9.94	5.79	22.75	1517	1.31	11.3	"	"
0842	2.00	12.50	0.50	9.96	5.79	22.85	1518	1.60	8.66	"	"
0846											
0850	2.00	14.50	0.50	9.56	5.83	22.28	1522	1.55	7.70	"	"

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: OBG / ICR MARK G. LEBERT/ICR | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 0850 | SAMPLING ENDED AT: 0900
PUMP OR TUBING DEPTH IN WELL (feet): 12 | TUBING MATERIAL CODE: PE | 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)
	1,1	PE	1000	ICE		5.83	TDS, NITRATE, FL, SULFATE	SP	400
	1,1	P	250	HNO_3		<2	6010 6020		
	1,1	P	250	H_2SO_4		<2	NITROGEN, AMMONIA		
	2,2	CG	40	ICE		5.83	8011 EDB		
	3,3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -57.1 ORP -130.3 ORP -149.3 ORP 162.2

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 Landfill Benzene
WELL NO:	0	SAMPLE ID:	EO
DATE:	11-12-14		

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: ESP

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0735	SAMPLING ENDED AT: 0740
DAVID ICK, MARK GILBERT/PACE			

PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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			TDS, NITRATE, Cl, SULFATE	ESP	< 400
	1	↓	250	HNO_3		< 2	6010 6020	↓	↓
	1	↓	250	H_2SO_4		< 2	NITROGEN AMMONIA		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia county solid waste	SITE LOCATION: Tomoka Landfill Benzene
WELL NO: 2	SAMPLE ID: B45-2
	DATE: 11-12-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.82	PURGE PUMP TYPE OR BAILER: ESP

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

= (17.61 feet – 6.82 feet) x 0.16 gallons/foot = 1.7264 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: 0930	PURGING ENDED AT: 10.11	TOTAL VOLUME PURGED (gallons): 16.40

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)
10.07	14.80	14.80	0.40	10.25	5.20	23.93	5.40	2.25	19.2	Yellow	Sulfur
10.09	0.80	15.60	0.40	10.40	5.20	23.96	5.25	2.30	17.4		
10.11	0.80	16.40	0.40	10.49	5.21	23.90	4.89	2.04	12.9	L	L

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: DAVID ICE, MARK GILBERT	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 10.11	SAMPLING ENDED AT: 10.16
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	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		5.21	TDS NITRATE Cl SULFATE	SP	< 400
	1		250	HNO_3		< 2	6010 6020		
	1		250	H_2SO_4		< 2	NITROGEN, AMMONIA		
	2	CG	40	ICE		5.21	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS:
ORP -80.2 ORP -77.5 ORP -72.8

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 Landfill Benzene		
WELL NO: 3	SAMPLE ID: B 77	DATE: 11-12-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 11.22	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (44.50 feet – 11.22 feet) X 0.16 gallons/foot = 5.3248 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: 1024	PURGING ENDED AT: 1034	TOTAL VOLUME PURGED (gallons): 16.00

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)
1030	6.00	6.00	1.00	11.25	6.01	22.94	1852	1.98	~~30.0~~ 18.2 PP	Yellow	sulfur
1032	2.00	8.00	1.00	11.25	6.03	22.95	1875	1.96	15.6	L	L
1034	2.00	10.00	1.00	11.25	6.03	22.96	1881	1.98	9.45		

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./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: DAVID ECK, MACTEC GAINES	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1034	SAMPLING ENDED AT: 1039
PUMP OR TUBING DEPTH IN WELL (feet): 14	TUBING MATERIAL CODE: PE	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		6.03	TDS, NITRATE, Cl, SULFATE	ESP	< 400
	1		250	HNO_3		< 2	6010 6020		
	1		250	H_2SO_4		< 2	NITROGEN AMMONIA		
	2	CG	40	ICE		6.03	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:
ORP 160.1 ORP 168.0 ORP 176.7

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: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Volusia SLOWTE Project # 35163559

Color: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other _____

Trading # _____

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

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

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

Cooler Temperature °C 5.5 (Visual) +0.1 (Correction Factor) 5.4 (Actual)

Date and Initials of person examining contents: 11-12-14 AP 1715

(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 ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volume	☐
Corct Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in conance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID: _____

Pduction Code: _____

De/Time Opened: _____

Nmber 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

November 25, 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.: 35163574

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 12, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

CERTIFICATIONS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE SUMMARY

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35163574001	**EQ Blank 2 11/12/14**	Water	11/12/14 07:40	11/12/14 17:15
35163574002	**B64**	Water	11/12/14 12:09	11/12/14 17:15
35163574003	**B64 Dup**	Water	11/12/14 12:09	11/12/14 17:15
35163574004	**F-MB**	Water	11/12/14 13:21	11/12/14 17:15
35163574005	**FA-2C**	Water	11/12/14 14:12	11/12/14 17:15
35163574006	**B70-1**	Water	11/12/14 15:52	11/12/14 17:15
35163574007	**B70-2**	Water	11/12/14 16:17	11/12/14 17:15
35163574008	**Trip Blank 2 11/12/14**	Water	11/12/14 00:00	11/12/14 17:15
35163574009	**B74**	Water	11/12/14 15:03	11/12/14 17:15

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35163574001	**EQ Blank 2 11/12/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574002	**B64**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574003	**B64 Dup**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574004	**F-MB**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574005	**FA-2C**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574006	**B70-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574007	**B70-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163574008	**Trip Blank 2 11/12/14**	EPA 8260	SK	50	PASI-O
35163574009	**B74**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163574002	**B64**					
	Field pH	6.24	Std. Units		11/12/14 12:09	
	Field Temperature	24.67	deg C		11/12/14 12:09	
	Appearance	Color: Yellow, Sheen: none			11/12/14 12:09	
	Field Specific Conductance	829	umhos/cm		11/12/14 12:09	
	Oxygen, Dissolved	1.10	mg/L		11/12/14 12:09	
	REDOX	-142.7	mV		11/12/14 12:09	
	Turbidity	4.16	NTU		11/12/14 12:09	
	Water Level(NGVD)	26.44	feet		11/12/14 12:09	
EPA 6010	Arsenic	5.1 I	ug/L	10.0	11/20/14 17:14	
EPA 6010	Barium	90.0	ug/L	10.0	11/20/14 17:14	
EPA 6010	Copper	3.6 I	ug/L	5.0	11/20/14 17:14	
EPA 6010	Iron	28000	ug/L	40.0	11/20/14 17:14	
EPA 6010	Sodium	51.3	mg/L	1.0	11/20/14 17:14	
EPA 8260	Chlorobenzene	4.4	ug/L	1.0	11/19/14 10:23	
SM 2540C	Total Dissolved Solids	548	mg/L	5.0	11/16/14 14:20	
EPA 300.0	Chloride	39.4	mg/L	5.0	11/19/14 12:44	
EPA 350.1	Nitrogen, Ammonia	2.3	mg/L	0.050	11/15/14 15:19	
35163574003	**B64 Dup**					
	Field pH	6.24	Std. Units		11/12/14 12:09	
	Field Temperature	24.67	deg C		11/12/14 12:09	
	Appearance	Color: Yellow, Sheen: none			11/12/14 12:09	
	Field Specific Conductance	827	umhos/cm		11/12/14 12:09	
	Oxygen, Dissolved	1.10	mg/L		11/12/14 12:09	
	REDOX	-142.7	mV		11/12/14 12:09	
	Turbidity	4.16	NTU		11/12/14 12:09	
	Water Level(NGVD)	26.44	feet		11/12/14 12:09	
EPA 6010	Barium	91.6	ug/L	10.0	11/20/14 17:18	
EPA 6010	Copper	3.8 I	ug/L	5.0	11/20/14 17:18	
EPA 6010	Iron	28600	ug/L	40.0	11/20/14 17:18	J(M1)
EPA 6010	Sodium	52.3	mg/L	1.0	11/20/14 17:18	
EPA 8260	Chlorobenzene	4.4	ug/L	1.0	11/19/14 10:47	
SM 2540C	Total Dissolved Solids	560	mg/L	5.0	11/16/14 14:21	
EPA 300.0	Chloride	39.5	mg/L	5.0	11/19/14 13:06	
EPA 350.1	Nitrogen, Ammonia	2.3	mg/L	0.050	11/15/14 15:21	
35163574004	**F-MB**					
	Field pH	6.56	Std. Units		11/12/14 13:21	
	Field Temperature	23.94	deg C		11/12/14 13:21	
	Appearance	Color: none, Sheen: none			11/12/14 13:21	
	Field Specific Conductance	563	umhos/cm		11/12/14 13:21	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163574004	**F-MB**					
	Oxygen, Dissolved	0.22	mg/L		11/12/14 13:21	
	REDOX	-163.4	mV		11/12/14 13:21	
	Turbidity	7.93	NTU		11/12/14 13:21	
	Water Level(NGVD)	18.60	feet		11/12/14 13:21	
EPA 6010	Barium	18.0	ug/L	10.0	11/20/14 17:30	
EPA 6010	Iron	125	ug/L	40.0	11/20/14 17:30	
EPA 6010	Sodium	16.6	mg/L	1.0	11/20/14 17:30	
SM 2540C	Total Dissolved Solids	360	mg/L	5.0	11/16/14 14:21	
EPA 300.0	Chloride	22.3	mg/L	5.0	11/19/14 13:27	
EPA 350.1	Nitrogen, Ammonia	0.31	mg/L	0.050	11/15/14 15:23	
35163574005	**FA-2C**					
	Field pH	7.03	Std. Units		11/12/14 14:12	
	Field Temperature	22.37	deg C		11/12/14 14:12	
	Appearance	Color: none, Sheen: none			11/12/14 14:12	
	Field Specific Conductance	682	umhos/cm		11/12/14 14:12	
	Oxygen, Dissolved	0.15	mg/L		11/12/14 14:12	
	REDOX	-231.5	mV		11/12/14 14:12	
	Turbidity	0.13	NTU		11/12/14 14:12	
	Water Level(NGVD)	15.60	feet		11/12/14 14:12	
EPA 6010	Barium	23.1	ug/L	10.0	11/20/14 01:25	
EPA 6010	Iron	965	ug/L	40.0	11/20/14 01:25	
EPA 6010	Sodium	45.0	mg/L	1.0	11/20/14 01:25	
SM 2540C	Total Dissolved Solids	471	mg/L	5.0	11/16/14 14:21	
EPA 300.0	Chloride	70.1	mg/L	5.0	11/19/14 13:48	
EPA 350.1	Nitrogen, Ammonia	0.45	mg/L	0.050	11/15/14 15:25	
35163574006	**B70-1**					
	Field pH	5.24	Std. Units		11/12/14 15:52	
	Field Temperature	24.47	deg C		11/12/14 15:52	
	Appearance	Color: none, Sheen: none			11/12/14 15:52	
	Field Specific Conductance	267	umhos/cm		11/12/14 15:52	
	Oxygen, Dissolved	0.26	mg/L		11/12/14 15:52	
	REDOX	116.3	mV		11/12/14 15:52	
	Turbidity	0.36	NTU		11/12/14 15:52	
	Water Level(NGVD)	23.53	feet		11/12/14 15:52	
EPA 6010	Barium	38.8	ug/L	10.0	11/20/14 01:30	
EPA 6010	Iron	5710	ug/L	40.0	11/20/14 01:30	
EPA 6010	Sodium	26.8	mg/L	1.0	11/20/14 01:30	
SM 2540C	Total Dissolved Solids	188	mg/L	5.0	11/16/14 14:21	
EPA 300.0	Chloride	26.7	mg/L	5.0	11/19/14 14:10	
EPA 300.0	Sulfate	46.4	mg/L	5.0	11/19/14 14:10	
EPA 350.1	Nitrogen, Ammonia	0.046 I	mg/L	0.050	11/15/14 15:26	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163574007	**B70-2**					
	Field pH	5.70	Std. Units		11/12/14 16:17	
	Field Temperature	25.21	deg C		11/12/14 16:17	
	Appearance	Color: Yellow, Sheen: none			11/12/14 16:17	
	Field Specific Conductance	341	umhos/cm		11/12/14 16:17	
	Oxygen, Dissolved	0.89	mg/L		11/12/14 16:17	
	REDOX	-80.3	mV		11/12/14 16:17	
	Turbidity	11.8	NTU		11/12/14 16:17	
	Water Level(NGVD)	24.01	feet		11/12/14 16:17	
EPA 6010	Barium	37.2	ug/L	10.0	11/20/14 01:34	
EPA 6010	Chromium	3.1 I	ug/L	5.0	11/20/14 01:34	
EPA 6010	Iron	4010	ug/L	40.0	11/20/14 01:34	
EPA 6010	Sodium	13.5	mg/L	1.0	11/20/14 01:34	
EPA 6010	Vanadium	11.0	ug/L	10.0	11/20/14 01:34	
EPA 6010	Zinc	12.4 I	ug/L	20.0	11/20/14 01:34	
SM 2540C	Total Dissolved Solids	224	mg/L	5.0	11/16/14 14:22	
EPA 300.0	Chloride	24.9	mg/L	5.0	11/19/14 15:14	
EPA 300.0	Sulfate	21.7	mg/L	5.0	11/19/14 15:14	
EPA 353.2	Nitrogen, Nitrate	0.060	mg/L	0.050	11/13/14 10:52	
35163574009	**B74**					
	Field pH	6.40	Std. Units		11/12/14 15:03	
	Field Temperature	24.15	deg C		11/12/14 15:03	
	Appearance	Color: none, Sheen: none			11/12/14 15:03	
	Field Specific Conductance	687	umhos/cm		11/12/14 15:03	
	Oxygen, Dissolved	0.20	mg/L		11/12/14 15:03	
	REDOX	-159.2	mV		11/12/14 15:03	
	Turbidity	0.63	NTU		11/12/14 15:03	
	Water Level(NGVD)	28.55	feet		11/12/14 15:03	
EPA 6010	Barium	46.3	ug/L	10.0	11/18/14 23:33	
EPA 6010	Iron	3660	ug/L	40.0	11/18/14 23:33	
EPA 6010	Sodium	44.8	mg/L	1.0	11/18/14 23:33	
SM 2540C	Total Dissolved Solids	465	mg/L	5.0	11/16/14 14:32	
EPA 300.0	Chloride	26.3	mg/L	5.0	11/19/14 15:36	
EPA 300.0	Sulfate	12.4	mg/L	5.0	11/19/14 15:36	
EPA 350.1	Nitrogen, Ammonia	0.13	mg/L	0.050	11/15/14 15:34	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: EQ Blank 2 11/12/14 **Lab ID: 35163574001** Collected: 11/12/14 07:40 Received: 11/12/14 17:15 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	**0.0052U**	ug/L	0.021	0.0052	1	11/13/14 13:30	11/14/14 05:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/13/14 13:30	11/14/14 05:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:09	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:09	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:09	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:09	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:09	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:09	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:09	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 17:09	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:09	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:09	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 17:09	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:09	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:09	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:09	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 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	11/16/14 12:30	11/17/14 21:29	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:29	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 11:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 07:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:07	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 07:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 07:07	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 07:07	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 07:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: EQ Blank 2 11/12/14 **Lab ID: 35163574001** Collected: 11/12/14 07:40 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 07:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 07:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 07:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 07:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 07:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 07:07	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/19/14 07:07	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		11/19/14 07:07	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/19/14 07:07	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/16/14 14:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/19/14 12:23	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 12:23	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/15/14 15:17	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B64 **Lab ID: 35163574002** Collected: 11/12/14 12:09 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.24**	Std. Units			1		11/12/14 12:09		
Field Temperature	**24.67**	deg C			1		11/12/14 12:09		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 12:09		
Field Specific Conductance	**829**	umhos/cm			1		11/12/14 12:09		
Oxygen, Dissolved	**1.10**	mg/L			1		11/12/14 12:09	7782-44-7	
REDOX	**-142.7**	mV			1		11/12/14 12:09		
Turbidity	**4.16**	NTU			1		11/12/14 12:09		
Water Level(NGVD)	**26.44**	feet			1		11/12/14 12:09		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	11/13/14 13:30	11/14/14 06:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	11/13/14 13:30	11/14/14 06:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.1 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:14	7440-38-2	
Barium	**90.0**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:14	7440-48-4	
Copper	**3.6 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:14	7440-50-8	
Iron	**28000**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 17:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 17:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:14	7440-22-4	
Sodium	**51.3**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:14	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 17:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:31	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 11:57	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 10:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:23	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 10:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 10:23	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B64 **Lab ID: 35163574002** Collected: 11/12/14 12:09 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	56-23-5	
Chlorobenzene	**4.4**	ug/L	1.0	0.50	1		11/19/14 10:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 10:23	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 10:23	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 10:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 10:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 10:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 10:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 10:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 10:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/19/14 10:23	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/19/14 10:23	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/19/14 10:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B64 **Lab ID: 35163574002** Collected: 11/12/14 12:09 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**548**	mg/L	5.0	5.0	1		11/16/14 14:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**39.4**	mg/L	5.0	2.5	1		11/19/14 12:44	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 12:44	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**2.3**	mg/L	0.050	0.020	1		11/15/14 15:19	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:46		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B64 Dup **Lab ID: 35163574003** Collected: 11/12/14 12:09 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.24**	Std. Units			1		11/12/14 12:09		
Field Temperature	**24.67**	deg C			1		11/12/14 12:09		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 12:09		
Field Specific Conductance	**827**	umhos/cm			1		11/12/14 12:09		
Oxygen, Dissolved	**1.10**	mg/L			1		11/12/14 12:09	7782-44-7	
REDOX	**-142.7**	mV			1		11/12/14 12:09		
Turbidity	**4.16**	NTU			1		11/12/14 12:09		
Water Level(NGVD)	**26.44**	feet			1		11/12/14 12:09		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0055U**	ug/L	0.023	0.0055	1	11/13/14 13:30	11/14/14 06:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0070U**	ug/L	0.011	0.0070	1	11/13/14 13:30	11/14/14 06:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:18	7440-38-2	
Barium	**91.6**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:18	7440-48-4	
Copper	**3.8 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:18	7440-50-8	
Iron	**28600**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 17:18	7439-89-6	J(M1)
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:18	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 17:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:18	7440-22-4	
Sodium	**52.3**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:18	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:18	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 17:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:32	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:32	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:03	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 10:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 10:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 10:47	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B64 Dup **Lab ID: 35163574003** Collected: 11/12/14 12:09 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	56-23-5	
Chlorobenzene	**4.4**	ug/L	1.0	0.50	1		11/19/14 10:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 10:47	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 10:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 10:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 10:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 10:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 10:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 10:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 10:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 10:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 10:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/19/14 10:47	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		11/19/14 10:47	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 10:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B64 Dup **Lab ID: 35163574003** Collected: 11/12/14 12:09 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**560**	mg/L	5.0	5.0	1		11/16/14 14:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**39.5**	mg/L	5.0	2.5	1		11/19/14 13:06	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 13:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**2.3**	mg/L	0.050	0.020	1		11/15/14 15:21	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: F-MB **Lab ID: 35163574004** Collected: 11/12/14 13:21 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.56**	Std. Units			1		11/12/14 13:21		
Field Temperature	**23.94**	deg C			1		11/12/14 13:21		
Appearance	**Color: none, Sheen: none**				1		11/12/14 13:21		
Field Specific Conductance	**563**	umhos/cm			1		11/12/14 13:21		
Oxygen, Dissolved	**0.22**	mg/L			1		11/12/14 13:21	7782-44-7	
REDOX	**-163.4**	mV			1		11/12/14 13:21		
Turbidity	**7.93**	NTU			1		11/12/14 13:21		
Water Level(NGVD)	**18.60**	feet			1		11/12/14 13:21		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.021	0.0050	1	11/13/14 13:30	11/14/14 06:36	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/13/14 13:30	11/14/14 06:36	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:30	7440-38-2	
Barium	**18.0**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:30	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:30	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:30	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:30	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:30	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:30	7440-50-8	
Iron	**125**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 17:30	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:30	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:30	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 17:30	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 17:30	7440-22-4	
Sodium	**16.6**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 17:30	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 17:30	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 17:30	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:39	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:39	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:08	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 11:11	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:11	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 11:11	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 11:11	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: F-MB **Lab ID: 35163574004** Collected: 11/12/14 13:21 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:11	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:11	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 11:11	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 11:11	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:11	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 11:11	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 11:11	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:11	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 11:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:11	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 11:11	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 11:11	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 11:11	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		11/19/14 11:11	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		11/19/14 11:11	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/19/14 11:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: F-MB **Lab ID: 35163574004** Collected: 11/12/14 13:21 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**360**	mg/L	5.0	5.0	1		11/16/14 14:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**22.3**	mg/L	5.0	2.5	1		11/19/14 13:27	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 13:27	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.31**	mg/L	0.050	0.020	1		11/15/14 15:23	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:49		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: FA-2C **Lab ID: 35163574005** Collected: 11/12/14 14:12 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.03**	Std. Units			1		11/12/14 14:12		
Field Temperature	**22.37**	deg C			1		11/12/14 14:12		
Appearance	**Color: none, Sheen: none**				1		11/12/14 14:12		
Field Specific Conductance	**682**	umhos/cm			1		11/12/14 14:12		
Oxygen, Dissolved	**0.15**	mg/L			1		11/12/14 14:12	7782-44-7	
REDOX	**-231.5**	mV			1		11/12/14 14:12		
Turbidity	**0.13**	NTU			1		11/12/14 14:12		
Water Level(NGVD)	**15.60**	feet			1		11/12/14 14:12		
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	11/13/14 13:30	11/14/14 06:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/13/14 13:30	11/14/14 06:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:25	7440-38-2	
Barium	**23.1**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:25	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:25	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:25	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:25	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:25	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:25	7440-50-8	
Iron	**965**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 01:25	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:25	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:25	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 01:25	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:25	7440-22-4	
Sodium	**45.0**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:25	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:25	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 01:25	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:40	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:40	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:10	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 11:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:35	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 11:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 11:35	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: FA-2C **Lab ID: 35163574005** Collected: 11/12/14 14:12 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 11:35	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 11:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 11:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 11:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 11:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 11:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 11:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 11:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 11:35	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		11/19/14 11:35	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 11:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: FA-2C **Lab ID: 35163574005** Collected: 11/12/14 14:12 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**471**	mg/L	5.0	5.0	1		11/16/14 14:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**70.1**	mg/L	5.0	2.5	1		11/19/14 13:48	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 13:48	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.45**	mg/L	0.050	0.020	1		11/15/14 15:25	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:50		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B70-1 **Lab ID: 35163574006** Collected: 11/12/14 15:52 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.24**	Std. Units			1		11/12/14 15:52		
Field Temperature	**24.47**	deg C			1		11/12/14 15:52		
Appearance	**Color: none, Sheen: none**				1		11/12/14 15:52		
Field Specific Conductance	**267**	umhos/cm			1		11/12/14 15:52		
Oxygen, Dissolved	**0.26**	mg/L			1		11/12/14 15:52	7782-44-7	
REDOX	**116.3**	mV			1		11/12/14 15:52		
Turbidity	**0.36**	NTU			1		11/12/14 15:52		
Water Level(NGVD)	**23.53**	feet			1		11/12/14 15:52		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	11/13/14 13:30	11/14/14 07:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/13/14 13:30	11/14/14 07:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:30	7440-38-2	
Barium	**38.8**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:30	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:30	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:30	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:30	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:30	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:30	7440-50-8	
Iron	**5710**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 01:30	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:30	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:30	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 01:30	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:30	7440-22-4	
Sodium	**26.8**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:30	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:30	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 01:30	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:12	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 11:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 11:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 11:59	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B70-1 **Lab ID: 35163574006** Collected: 11/12/14 15:52 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 11:59	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 11:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 11:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 11:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 11:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 11:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 11:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 11:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 11:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 11:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/19/14 11:59	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		11/19/14 11:59	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/19/14 11:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B70-1 **Lab ID: 35163574006** Collected: 11/12/14 15:52 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**188**	mg/L	5.0	5.0	1		11/16/14 14:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**26.7**	mg/L	5.0	2.5	1		11/19/14 14:10	16887-00-6	
Sulfate	**46.4**	mg/L	5.0	2.5	1		11/19/14 14:10	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.046 I**	mg/L	0.050	0.020	1		11/15/14 15:26	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 10:51		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B70-2 **Lab ID: 35163574007** Collected: 11/12/14 16:17 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.70**	Std. Units			1		11/12/14 16:17		
Field Temperature	**25.21**	deg C			1		11/12/14 16:17		
Appearance	**Color: Yellow, Sheen: none**				1		11/12/14 16:17		
Field Specific Conductance	**341**	umhos/cm			1		11/12/14 16:17		
Oxygen, Dissolved	**0.89**	mg/L			1		11/12/14 16:17	7782-44-7	
REDOX	**-80.3**	mV			1		11/12/14 16:17		
Turbidity	**11.8**	NTU			1		11/12/14 16:17		
Water Level(NGVD)	**24.01**	feet			1		11/12/14 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	11/13/14 13:30	11/14/14 07:21	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.010	0.0065	1	11/13/14 13:30	11/14/14 07:21	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:34	7440-38-2	
Barium	**37.2**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:34	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:34	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:34	7440-43-9	
Chromium	**3.1 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:34	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:34	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:34	7440-50-8	
Iron	**4010**	ug/L	40.0	20.0	1	11/16/14 12:30	11/20/14 01:34	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:34	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:34	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/20/14 01:34	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/20/14 01:34	7440-22-4	
Sodium	**13.5**	mg/L	1.0	0.50	1	11/16/14 12:30	11/20/14 01:34	7440-23-5	
Vanadium	**11.0**	ug/L	10.0	5.0	1	11/16/14 12:30	11/20/14 01:34	7440-62-2	
Zinc	**12.4 I**	ug/L	20.0	10.0	1	11/16/14 12:30	11/20/14 01:34	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:52	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 21:52	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:14	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 12:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:23	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 12:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 12:23	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B70-2 **Lab ID: 35163574007** Collected: 11/12/14 16:17 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 12:23	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 12:23	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 12:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 12:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 12:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 12:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 12:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 12:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 12:23	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/19/14 12:23	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/19/14 12:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B70-2 **Lab ID: 35163574007** Collected: 11/12/14 16:17 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**224**	mg/L	5.0	5.0	1		11/16/14 14:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**24.9**	mg/L	5.0	2.5	1		11/19/14 15:14	16887-00-6	
Sulfate	**21.7**	mg/L	5.0	2.5	1		11/19/14 15:14	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/15/14 15:28	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.060**	mg/L	0.050	0.025	1		11/13/14 10:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: Trip Blank 2 11/12/14 **Lab ID: 35163574008** Collected: 11/12/14 00:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 07:32	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:32	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 07:32	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 07:32	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:32	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:32	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 07:32	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/19/14 07:32	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 07:32	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:32	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 07:32	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 07:32	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:32	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 07:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 07:32	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 07:32	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 07:32	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 07:32	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: Trip Blank 2 11/12/14 **Lab ID: 35163574008** Collected: 11/12/14 00:00 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 07:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/19/14 07:32	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/19/14 07:32	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/19/14 07:32	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B74 **Lab ID: 35163574009** Collected: 11/12/14 15:03 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.40**	Std. Units			1		11/12/14 15:03		
Field Temperature	**24.15**	deg C			1		11/12/14 15:03		
Appearance	**Color: none, Sheen: none**				1		11/12/14 15:03		
Field Specific Conductance	**687**	umhos/cm			1		11/12/14 15:03		
Oxygen, Dissolved	**0.20**	mg/L			1		11/12/14 15:03	7782-44-7	
REDOX	**-159.2**	mV			1		11/12/14 15:03		
Turbidity	**0.63**	NTU			1		11/12/14 15:03		
Water Level(NGVD)	**28.55**	feet			1		11/12/14 15:03		
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	11/17/14 12:00	11/18/14 00:01	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0099	0.0061	1	11/17/14 12:00	11/18/14 00:01	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:33	7440-38-2	
Barium	**46.3**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:33	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:33	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:33	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:33	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:33	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:33	7440-50-8	
Iron	**3660**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 23:33	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:33	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:33	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 23:33	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 23:33	7440-22-4	
Sodium	**44.8**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 23:33	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 23:33	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 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	11/16/14 12:30	11/19/14 19:59	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/19/14 19:59	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:21	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 12:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 12:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 12:47	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B74 **Lab ID: 35163574009** Collected: 11/12/14 15:03 Received: 11/12/14 17:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 12:47	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 12:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 12:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 12:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 12:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 12:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 12:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 12:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 12:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 12:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/19/14 12:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/19/14 12:47	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 12:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

Sample: B74 **Lab ID: 35163574009** Collected: 11/12/14 15:03 Received: 11/12/14 17:15 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		11/16/14 14:32		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**26.3**	mg/L	5.0	2.5	1		11/19/14 15:36	16887-00-6	
Sulfate	**12.4**	mg/L	5.0	2.5	1		11/19/14 15:36	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.13**	mg/L	0.050	0.020	1		11/15/14 15:34	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/13/14 17:05		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: MERP/5120 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574009

METHOD BLANK: 1061805 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/21/14 11:46	

LABORATORY CONTROL SAMPLE: 1061806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061807 1061808

Parameter	Units	35163574002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	1.7	1.8	86	88	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: MPRP/21517
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 35163574009

METHOD BLANK: 1058650
Matrix: Water
Associated Lab Samples: 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/18/14 21:21	
Barium	ug/L	5.0U	10.0	11/18/14 21:21	
Beryllium	ug/L	0.50U	1.0	11/18/14 21:21	
Cadmium	ug/L	0.50U	1.0	11/18/14 21:21	
Chromium	ug/L	2.5U	5.0	11/18/14 21:21	
Cobalt	ug/L	5.0U	10.0	11/18/14 21:21	
Copper	ug/L	2.5U	5.0	11/18/14 21:21	
Iron	ug/L	20.0U	40.0	11/18/14 21:21	
Lead	ug/L	5.0U	10.0	11/18/14 21:21	
Nickel	ug/L	2.5U	5.0	11/18/14 21:21	
Selenium	ug/L	7.5U	15.0	11/18/14 21:21	
Silver	ug/L	2.5U	5.0	11/18/14 21:21	
Sodium	mg/L	0.50U	1.0	11/18/14 21:21	
Vanadium	ug/L	5.0U	10.0	11/18/14 21:21	
Zinc	ug/L	10.0U	20.0	11/18/14 21:21	

LABORATORY CONTROL SAMPLE: 1058651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	246	98	80-120	
Barium	ug/L	250	250	100	80-120	
Beryllium	ug/L	25	25.7	103	80-120	
Cadmium	ug/L	25	25.7	103	80-120	
Chromium	ug/L	250	251	100	80-120	
Cobalt	ug/L	250	258	103	80-120	
Copper	ug/L	250	242	97	80-120	
Iron	ug/L	2500	2530	101	80-120	
Lead	ug/L	250	260	104	80-120	
Nickel	ug/L	250	260	104	80-120	
Selenium	ug/L	250	256	102	80-120	
Silver	ug/L	25	24.0	96	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	248	99	80-120	
Zinc	ug/L	1250	1280	102	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058652 1058653

Parameter	Units	35162671001 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	251	254	100	101	75-125	1	20	
Barium	ug/L	5.0U	250	250	256	255	102	102	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.1	25.7	104	103	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	25.5	25.3	102	101	75-125	1	20	
Chromium	ug/L	2.5U	250	250	256	251	102	100	75-125	2	20	
Cobalt	ug/L	5.0U	250	250	258	255	103	102	75-125	1	20	
Copper	ug/L	2.5U	250	250	254	250	101	100	75-125	2	20	
Iron	ug/L	1550	2500	2500	4110	4080	102	101	75-125	1	20	
Lead	ug/L	5.0U	250	250	254	252	102	101	75-125	1	20	
Nickel	ug/L	61.1	250	250	319	316	103	102	75-125	1	20	
Selenium	ug/L	7.5U	250	250	255	253	102	101	75-125	1	20	
Silver	ug/L	2.5U	25	25	25.5	24.8	102	99	75-125	3	20	
Sodium	mg/L	218000 ug/L	12.5	12.5	230	230	95	92	75-125	0	20	
Vanadium	ug/L	5.0U	250	250	260	256	102	101	75-125	2	20	
Zinc	ug/L	10.0U	1250	1250	1300	1290	104	103	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: MPRP/21519 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

METHOD BLANK: 1058658 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/20/14 17:01	
Barium	ug/L	5.0U	10.0	11/20/14 17:01	
Beryllium	ug/L	0.50U	1.0	11/20/14 17:01	
Cadmium	ug/L	0.50U	1.0	11/20/14 17:01	
Chromium	ug/L	2.5U	5.0	11/20/14 17:01	
Cobalt	ug/L	5.0U	10.0	11/20/14 17:01	
Copper	ug/L	2.5U	5.0	11/20/14 17:01	
Iron	ug/L	20.0U	40.0	11/20/14 17:01	
Lead	ug/L	5.0U	10.0	11/20/14 17:01	
Nickel	ug/L	2.5U	5.0	11/20/14 17:01	
Selenium	ug/L	7.5U	15.0	11/20/14 17:01	
Silver	ug/L	2.5U	5.0	11/20/14 17:01	
Sodium	mg/L	0.50U	1.0	11/20/14 17:01	
Vanadium	ug/L	5.0U	10.0	11/20/14 17:01	
Zinc	ug/L	10.0U	20.0	11/20/14 17:01	

LABORATORY CONTROL SAMPLE: 1058659

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	245	98	80-120	
Barium	ug/L	250	248	99	80-120	
Beryllium	ug/L	25	26.4	106	80-120	
Cadmium	ug/L	25	25.7	103	80-120	
Chromium	ug/L	250	255	102	80-120	
Cobalt	ug/L	250	258	103	80-120	
Copper	ug/L	250	250	100	80-120	
Iron	ug/L	2500	2590	103	80-120	
Lead	ug/L	250	262	105	80-120	
Nickel	ug/L	250	259	104	80-120	
Selenium	ug/L	250	253	101	80-120	
Silver	ug/L	25	25.8	103	80-120	
Sodium	mg/L	12.5	12.7	101	80-120	
Vanadium	ug/L	250	253	101	80-120	
Zinc	ug/L	1250	1260	101	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058660 1058661

Parameter	Units	35163574003 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	253	252	100	99	75-125	0	20	
Barium	ug/L	91.6	250	250	341	340	100	100	75-125	0	20	
Beryllium	ug/L	0.50U	25	25	26.0	25.9	103	103	75-125	0	20	
Cadmium	ug/L	0.50U	25	25	25.4	25.2	101	101	75-125	1	20	
Chromium	ug/L	2.5U	250	250	251	249	100	99	75-125	1	20	
Cobalt	ug/L	5.0U	250	250	255	254	102	101	75-125	0	20	
Copper	ug/L	3.8 I	250	250	256	255	101	101	75-125	0	20	
Iron	ug/L	28600	2500	2500	30300	30000	70	57	75-125	1	20	J(M1)
Lead	ug/L	5.0U	250	250	255	254	102	101	75-125	1	20	
Nickel	ug/L	2.5U	250	250	256	253	102	101	75-125	1	20	
Selenium	ug/L	7.5U	250	250	253	254	101	102	75-125	0	20	
Silver	ug/L	2.5U	25	25	27.5	27.5	102	102	75-125	0	20	
Sodium	mg/L	52.3	12.5	12.5	63.9	63.5	92	89	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	253	253	101	101	75-125	0	20	
Zinc	ug/L	10.0U	1250	1250	1260	1260	101	101	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: MPRP/21518 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35163574009

METHOD BLANK: 1058654 Matrix: Water
Associated Lab Samples: 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/19/14 18:43	
Thallium	ug/L	0.50U	1.0	11/19/14 18:43	

LABORATORY CONTROL SAMPLE: 1058655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	50.1	100	80-120	
Thallium	ug/L	50	50.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058656 1058657

Parameter	Units	35162671002 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	48.8	50.4	97	100	75-125	3	20	
Thallium	ug/L	0.50U	50	50	50.8	52.4	101	104	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: MPRP/21520 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

METHOD BLANK: 1058662 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/17/14 21:21	
Thallium	ug/L	0.50U	1.0	11/17/14 21:21	

LABORATORY CONTROL SAMPLE: 1058663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.7	95	80-120	
Thallium	ug/L	50	49.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058664 1058665

Parameter	Units	35163574005 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	46.9	47.0	94	94	75-125	0	20	
Thallium	ug/L	0.50U	50	50	51.2	51.2	102	102	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: MSV/13295 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574008, 35163574009

METHOD BLANK: 1060476 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574008, 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/19/14 05:29	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/19/14 05:29	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/19/14 05:29	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/19/14 05:29	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/19/14 05:29	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/19/14 05:29	
2-Hexanone	ug/L	5.0U	10.0	11/19/14 05:29	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/19/14 05:29	
Acetone	ug/L	10.0U	20.0	11/19/14 05:29	
Acrylonitrile	ug/L	5.0U	10.0	11/19/14 05:29	
Benzene	ug/L	0.10U	1.0	11/19/14 05:29	
Bromochloromethane	ug/L	0.50U	1.0	11/19/14 05:29	
Bromodichloromethane	ug/L	0.27U	0.60	11/19/14 05:29	
Bromoform	ug/L	0.50U	1.0	11/19/14 05:29	
Bromomethane	ug/L	0.50U	1.0	11/19/14 05:29	
Carbon disulfide	ug/L	5.0U	10.0	11/19/14 05:29	
Carbon tetrachloride	ug/L	0.50U	1.0	11/19/14 05:29	
Chlorobenzene	ug/L	0.50U	1.0	11/19/14 05:29	
Chloroethane	ug/L	0.50U	1.0	11/19/14 05:29	
Chloroform	ug/L	0.50U	1.0	11/19/14 05:29	
Chloromethane	ug/L	0.62U	1.0	11/19/14 05:29	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/19/14 05:29	
Dibromochloromethane	ug/L	0.26U	0.50	11/19/14 05:29	
Dibromomethane	ug/L	0.50U	1.0	11/19/14 05:29	
Ethylbenzene	ug/L	0.50U	1.0	11/19/14 05:29	
Iodomethane	ug/L	0.50U	1.0	11/19/14 05:29	
Methylene Chloride	ug/L	2.5U	5.0	11/19/14 05:29	
Styrene	ug/L	0.50U	1.0	11/19/14 05:29	
Tetrachloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
Toluene	ug/L	0.50U	1.0	11/19/14 05:29	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

METHOD BLANK: 1060476 Matrix: Water

Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574008, 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/19/14 05:29	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/19/14 05:29	
Trichloroethene	ug/L	0.50U	1.0	11/19/14 05:29	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/19/14 05:29	
Vinyl acetate	ug/L	1.0U	2.0	11/19/14 05:29	
Vinyl chloride	ug/L	0.50U	1.0	11/19/14 05:29	
Xylene (Total)	ug/L	0.50U	1.0	11/19/14 05:29	
1,2-Dichloroethane-d4 (S)	%	102	86-125	11/19/14 05:29	
4-Bromofluorobenzene (S)	%	97	70-114	11/19/14 05:29	
Toluene-d8 (S)	%	101	87-113	11/19/14 05:29	

LABORATORY CONTROL SAMPLE: 1060477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.3	96	70-130	
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.9	89	70-130	
1,1,2-Trichloroethane	ug/L	20	19.0	95	70-130	
1,1-Dichloroethane	ug/L	20	18.9	95	70-130	
1,1-Dichloroethene	ug/L	20	18.9	95	70-130	
1,2,3-Trichloropropane	ug/L	20	16.3	81	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.9	89	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.3	96	70-130	
1,2-Dichlorobenzene	ug/L	20	17.5	87	70-130	
1,2-Dichloroethane	ug/L	20	19.0	95	70-130	
1,2-Dichloropropane	ug/L	20	18.9	94	70-130	
1,4-Dichlorobenzene	ug/L	20	17.4	87	70-130	
2-Butanone (MEK)	ug/L	40	35.6	89	55-167	
2-Hexanone	ug/L	40	37.3	93	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.0	100	70-130	
Acetone	ug/L	40	36.2	91	40-150	
Acrylonitrile	ug/L	200	181	90	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	19.6	98	70-130	
Bromodichloromethane	ug/L	20	18.9	94	70-130	
Bromoform	ug/L	20	18.6	93	68-130	
Bromomethane	ug/L	20	17.7	89	38-179	
Carbon disulfide	ug/L	20	18.1	91	51-155	
Carbon tetrachloride	ug/L	20	18.8	94	70-130	
Chlorobenzene	ug/L	20	19.5	98	70-130	
Chloroethane	ug/L	20	21.1	105	59-149	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	15.0	75	68-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

LABORATORY CONTROL SAMPLE: 1060477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	18.7	94	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.2	91	70-130	
Dibromochloromethane	ug/L	20	20.5	102	70-130	
Dibromomethane	ug/L	20	19.2	96	70-130	
Ethylbenzene	ug/L	20	19.2	96	70-130	
Iodomethane	ug/L	40	12.8	32	43-160	J(L0)
Methylene Chloride	ug/L	20	18.6	93	70-130	
Styrene	ug/L	20	19.1	95	70-130	
Tetrachloroethene	ug/L	20	19.9	100	66-133	
Toluene	ug/L	20	19.0	95	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.9	95	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.7	94	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	15.6	78	65-130	
Trichloroethene	ug/L	20	18.9	95	70-130	
Trichlorofluoromethane	ug/L	20	20.3	101	70-131	
Vinyl acetate	ug/L	20	19.3	96	69-135	
Vinyl chloride	ug/L	20	19.6	98	69-140	
Xylene (Total)	ug/L	60	57.2	95	70-130	
1,2-Dichloroethane-d4 (S)	%			96	86-125	
4-Bromofluorobenzene (S)	%			103	70-114	
Toluene-d8 (S)	%			103	87-113	

MATRIX SPIKE SAMPLE: 1063605

Parameter	Units	35163559003 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	22.7	113	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.6	93	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.9	100	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	21.6	108	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	23.7	119	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	19.5	97	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	17.3	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	19.3	97	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	21.0	105	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	20.8	104	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.3	95	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	29.1	73	48-138	
2-Hexanone	ug/L	5.0U	40	28.3	71	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	32.5	81	28-143	
Acetone	ug/L	10.0U	40	31.1	66	20-140	
Acrylonitrile	ug/L	5.0U	200	175	88	46-130	
Benzene	ug/L	10.2	20	21.3	56	53-132	
Bromochloromethane	ug/L	0.50U	20	22.6	113	54-132	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

MATRIX SPIKE SAMPLE: 1063605

Parameter	Units	35163559003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	20.8	104	46-130	
Bromoform	ug/L	0.50U	20	18.6	93	32-130	
Bromomethane	ug/L	0.50U	20	18.6	93	20-152	
Carbon disulfide	ug/L	5.0U	20	19.6	97	28-184	
Carbon tetrachloride	ug/L	0.50U	20	24.3	121	37-137	
Chlorobenzene	ug/L	5.9	20	21.0	76	46-130	
Chloroethane	ug/L	0.50U	20	23.5	118	48-159	
Chloroform	ug/L	0.50U	20	21.3	107	51-130	
Chloromethane	ug/L	0.62U	20	14.4	72	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20.9	104	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.3	97	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.1	106	43-130	
Dibromomethane	ug/L	0.50U	20	20.4	102	50-130	
Ethylbenzene	ug/L	0.50U	20	21.7	109	43-130	
Iodomethane	ug/L	0.50U	40	12.6	32	20-169	
Methylene Chloride	ug/L	2.5U	20	20.0	100	51-135	
Styrene	ug/L	0.50U	20	20.3	101	40-130	
Tetrachloroethene	ug/L	0.50U	20	21.9	110	26-130	
Toluene	ug/L	0.50U	20	21.3	104	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.8	109	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.3	92	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	12.6	63	20-139	
Trichloroethene	ug/L	0.50U	20	21.7	108	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	28.6	143	46-146	
Vinyl acetate	ug/L	1.0U	20	12.6	63	20-165	
Vinyl chloride	ug/L	0.50U	20	23.7	119	57-142	
Xylene (Total)	ug/L	2.5	60	63.6	102	42-130	
1,2-Dichloroethane-d4 (S)	%				93	86-125	
4-Bromofluorobenzene (S)	%				104	70-114	
Toluene-d8 (S)	%				103	87-113	

SAMPLE DUPLICATE: 1063604

Parameter	Units	35163559002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

SAMPLE DUPLICATE: 1063604

Parameter	Units	35163559002 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	10.3	10.2	0	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	5.9	6.1	3	40	
Chloroethane	ug/L	0.50U	0.50U		40	
Chloroform	ug/L	0.50U	0.50U		40	
Chloromethane	ug/L	0.62U	0.62U		40	
cis-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
cis-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
Dibromochloromethane	ug/L	0.26U	0.26U		40	
Dibromomethane	ug/L	0.50U	0.50U		40	
Ethylbenzene	ug/L	0.50U	0.50U		40	
Iodomethane	ug/L	0.50U	0.50U		40	
Methylene Chloride	ug/L	2.5U	2.5U		40	
Styrene	ug/L	0.50U	0.50U		40	
Tetrachloroethene	ug/L	0.50U	0.50U		40	
Toluene	ug/L	0.50U	0.50U		40	
trans-1,2-Dichloroethene	ug/L	0.50U	0.50U		40	
trans-1,3-Dichloropropene	ug/L	0.25U	0.25U		40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	5.0U		40	
Trichloroethene	ug/L	0.50U	0.50U		40	
Trichlorofluoromethane	ug/L	0.50U	0.50U		40	
Vinyl acetate	ug/L	1.0U	1.0U		40	
Vinyl chloride	ug/L	0.50U	0.50U		40	
Xylene (Total)	ug/L	2.4	2.4	2	40	
1,2-Dichloroethane-d4 (S)	%	101	103	2		
4-Bromofluorobenzene (S)	%	95	95	1		
Toluene-d8 (S)	%	102	102	0		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: OEXT/19671 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

METHOD BLANK: 1056038 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/14/14 01:05	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/14/14 01:05	

LABORATORY CONTROL SAMPLE: 1056039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.24	95	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.25	100	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1056040 1056041

Parameter	Units	35163529001 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	.42	.44	0.44	0.42	105	96	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	<0.0064	.42	.44	0.45	0.43	108	99	60-140	4	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: OEXT/19707 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35163574009

METHOD BLANK: 1058827 Matrix: Water
Associated Lab Samples: 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/17/14 23:31	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/17/14 23:31	

LABORATORY CONTROL SAMPLE: 1058828

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.25	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.26	105	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058829 1058830

Parameter	Units	35163574009 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	0.0048U	.44	.44	0.48	0.46	111	104	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.0061U	.44	.44	0.52	0.50	118	114	60-140	4	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: WET/27864 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

METHOD BLANK: 1058678 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/16/14 14:17	

LABORATORY CONTROL SAMPLE: 1058679

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

SAMPLE DUPLICATE: 1058752

Parameter	Units	35163559002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1040	2	20	

SAMPLE DUPLICATE: 1058753

Parameter	Units	35163559003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	968	966	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: WET/27865 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35163574009

METHOD BLANK: 1058680 Matrix: Water
Associated Lab Samples: 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/16/14 14:28	

LABORATORY CONTROL SAMPLE: 1058681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	291	97	90-110	

SAMPLE DUPLICATE: 1058754

Parameter	Units	35163598001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1050	1	20	

SAMPLE DUPLICATE: 1058755

Parameter	Units	35163598002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1060	1110	5	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: WETA/41322 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574009

METHOD BLANK: 1059868 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/19/14 11:40	
Sulfate	mg/L	2.5U	5.0	11/19/14 11:40	

LABORATORY CONTROL SAMPLE: 1059869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.8	100	90-110	
Sulfate	mg/L	50	49.2	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1059870 1059871

Parameter	Units	35163574006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	26.7	50	50	80.0	79.9	107	106	90-110	0	20	
Sulfate	mg/L	46.4	50	50	101	101	110	110	90-110	0	20	L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1059872 1059873

Parameter	Units	35163742003 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	53.1	53.0	97	96	90-110	0	20	
Sulfate	mg/L	10	50	50	58.9	58.8	98	98	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: WETA/41259 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574009

METHOD BLANK: 1058388 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007, 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/15/14 14:57	

LABORATORY CONTROL SAMPLE: 1058389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 1058391

Parameter	Units	35163959002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.026 I	1	1.1	107	90-110	

SAMPLE DUPLICATE: 1058390

Parameter	Units	35163959002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.026 I	0.030 I		20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: WETA/41195 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

METHOD BLANK: 1055906 Matrix: Water
Associated Lab Samples: 35163574001, 35163574002, 35163574003, 35163574004, 35163574005, 35163574006, 35163574007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/13/14 10:18	

SAMPLE DUPLICATE: 1055908

Parameter	Units	35163559002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1055910

Parameter	Units	35163570001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.31	0.26	18		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

QC Batch: WETA/41196
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35163574009

METHOD BLANK: 1055912 Matrix: Water
Associated Lab Samples: 35163574009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/13/14 10:59	

SAMPLE DUPLICATE: 1055914

Parameter	Units	35163578001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.077	0.069	12		

SAMPLE DUPLICATE: 1056176

Parameter	Units	35163598001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi-Annual
Pace Project No.: 35163574

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.

PQL - Practical Quantitation 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(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.
L	Off-scale high. Actual value is known to be greater than value given.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163574002	**B64**		FLD/		
35163574003	**B64 Dup**		FLD/		
35163574004	**F-MB**		FLD/		
35163574005	**FA-2C**		FLD/		
35163574006	**B70-1**		FLD/		
35163574007	**B70-2**		FLD/		
35163574009	**B74**		FLD/		
35163574001	**EQ Blank 2 11/12/14**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574002	**B64**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574003	**B64 Dup**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574004	**F-MB**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574005	**FA-2C**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574006	**B70-1**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574007	**B70-2**	EPA 8011	OEXT/19671	EPA 8011	GCSV/12927
35163574009	**B74**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163574001	**EQ Blank 2 11/12/14**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574002	**B64**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574003	**B64 Dup**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574004	**F-MB**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574005	**FA-2C**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574006	**B70-1**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574007	**B70-2**	EPA 3010	MPRP/21519	EPA 6010	ICP/13173
35163574009	**B74**	EPA 3010	MPRP/21517	EPA 6010	ICP/13174
35163574001	**EQ Blank 2 11/12/14**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574002	**B64**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574003	**B64 Dup**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574004	**F-MB**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574005	**FA-2C**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574006	**B70-1**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574007	**B70-2**	EPA 3010	MPRP/21520	EPA 6020	ICPM/8798
35163574009	**B74**	EPA 3010	MPRP/21518	EPA 6020	ICPM/8799
35163574001	**EQ Blank 2 11/12/14**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574002	**B64**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574003	**B64 Dup**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574004	**F-MB**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574005	**FA-2C**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574006	**B70-1**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574007	**B70-2**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574009	**B74**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163574001	**EQ Blank 2 11/12/14**	EPA 8260	MSV/13295		
35163574002	**B64**	EPA 8260	MSV/13295		
35163574003	**B64 Dup**	EPA 8260	MSV/13295		
35163574004	**F-MB**	EPA 8260	MSV/13295		
35163574005	**FA-2C**	EPA 8260	MSV/13295		
35163574006	**B70-1**	EPA 8260	MSV/13295		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163574

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163574007	**B70-2**	EPA 8260	MSV/13295		
35163574008	**Trip Blank 2 11/12/14**	EPA 8260	MSV/13295		
35163574009	**B74**	EPA 8260	MSV/13295		
35163574001	**EQ Blank 2 11/12/14**	SM 2540C	WET/27864		
35163574002	**B64**	SM 2540C	WET/27864		
35163574003	**B64 Dup**	SM 2540C	WET/27864		
35163574004	**F-MB**	SM 2540C	WET/27864		
35163574005	**FA-2C**	SM 2540C	WET/27864		
35163574006	**B70-1**	SM 2540C	WET/27864		
35163574007	**B70-2**	SM 2540C	WET/27864		
35163574009	**B74**	SM 2540C	WET/27865		
35163574001	**EQ Blank 2 11/12/14**	EPA 300.0	WETA/41322		
35163574002	**B64**	EPA 300.0	WETA/41322		
35163574003	**B64 Dup**	EPA 300.0	WETA/41322		
35163574004	**F-MB**	EPA 300.0	WETA/41322		
35163574005	**FA-2C**	EPA 300.0	WETA/41322		
35163574006	**B70-1**	EPA 300.0	WETA/41322		
35163574007	**B70-2**	EPA 300.0	WETA/41322		
35163574009	**B74**	EPA 300.0	WETA/41322		
35163574001	**EQ Blank 2 11/12/14**	EPA 350.1	WETA/41259		
35163574002	**B64**	EPA 350.1	WETA/41259		
35163574003	**B64 Dup**	EPA 350.1	WETA/41259		
35163574004	**F-MB**	EPA 350.1	WETA/41259		
35163574005	**FA-2C**	EPA 350.1	WETA/41259		
35163574006	**B70-1**	EPA 350.1	WETA/41259		
35163574007	**B70-2**	EPA 350.1	WETA/41259		
35163574009	**B74**	EPA 350.1	WETA/41259		
35163574001	**EQ Blank 2 11/12/14**	EPA 353.2	WETA/41195		
35163574002	**B64**	EPA 353.2	WETA/41195		
35163574003	**B64 Dup**	EPA 353.2	WETA/41195		
35163574004	**F-MB**	EPA 353.2	WETA/41195		
35163574005	**FA-2C**	EPA 353.2	WETA/41195		
35163574006	**B70-1**	EPA 353.2	WETA/41195		
35163574007	**B70-2**	EPA 353.2	WETA/41195		
35163574009	**B74**	EPA 353.2	WETA/41196		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

WO# : 35163574

35163574

Request Document
Ids must be completed accurately.

Page: 1 of 1

1867128

Section A Required Client Information:

Company: VOLUSIA County WASTE
Address: 1990 Tomoka Farms Rd
Email To:
Phone: Fax:
Requested Due Date/TAT:

Sectic Requir.

Report To: JENNIFER STARK
Copy To:
Purchase Order No.:
Project Name: Tomoka Semi Annuals
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:

Requested Analysis Filtered (Y/N)

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	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: Nitrate Cl, Sulfate TDS	Nitrogen, Ammonia	6010	6020 mspa	8011	8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EO		C			11-12-14	0740		8	3	1	1	3					Y	Y	Y	Y	Y	Y	Y		
2	B64						1209		1	1	1	1	1														
3	Duplicate						1209																				
4	FMB						1321																				
5	FA2C						1412																				
6	B70-1						1552																				
7	B70-2						1617		L	1	1	1	1														
8	Trip Blank						0000																				
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PACE	11-12-14	1715		11-12-14	1715

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3.3 A-165	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT / PACE
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*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 Landfill Semi Annuals
WELL NO: 0	SAMPLE ID: EO
DATE:	

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: ESP

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: DAVID ICE, MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0735	SAMPLING ENDED AT: 0740
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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			TDS NAPHTHALENE SULFATES	ESP	< 400
	1	↓	250	HNO_3		< 2	6010 6020	↓	↓
	1	↓	250	H_2SO_4		< 2	NITROGEN, AMMONIA		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste		SITE LOCATION: Tomoka Landfill Semi Annual	
WELL NO: 5 / BX	SAMPLE ID: B64 / Duplicate		DATE: 11-12-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 1.78	PURGE PUMP TYPE OR BAILER: ESP

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

= (17.63 feet – 1.78 feet) X 0.16 gallons/foot = 2.536 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): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1127	PURGING ENDED AT: 1154	TOTAL VOLUME PURGED (gallons): 3.85

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)
11.44	2.55	2.55	.150	2.90	6.23	24.31	829	1.11	7.05	Yellow	Sulfur
11.49	0.75	3.30	.150	2.90	6.25	25.51	828	1.11	5.03	"	"
11.54	0.75	3.85	.150	2.90	6.24	24.67	829	1.10	4.16	"	"

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: David Ick Mark Clark/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1154	SAMPLING ENDED AT: 1209
PUMP OR TUBING DEPTH IN WELL (feet): 6	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: (Y) N	DI

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)
	1,1	PE	1000	ICE		6.24	TDS, Nitrate Cl, Sulfate	ESP	< 400
	1,1	"	250	HNO_3		< 2	6010 6020		
	1,1	"	250	H_2SO_4		< 2	Nitrogen, Ammonia		
	2,2	CG	40	ICE		6.24	8011 EDB		
	3,3	CG	40	HCl		< 2	8260 VOC		

REMARKS:

ORP -136.3 ORP -139.7 ORP -142.7

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 Landfill Semi Annuals	
WELL NO: 2	SAMPLE ID: FMB	DATE: 11-12-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 15.28	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)

= (99.30 feet − 15.28 feet) X 0.16 gallons/foot = 13.4432 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): 20	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 20	PURGING INITIATED AT: 1246	PURGING ENDED AT: 1316	TOTAL VOLUME PURGED (gallons): 30.00

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)
1300	14.00	14.00	1.00	12.05	6.57	24.05	567	0.17	30.4	CLEAR	NONE
1304	4.00	18.00	1.00	12.06	6.56	24.01	566	0.16	25.0		
1308	4.00	22.00	1.00	12.09	6.55	23.96	565	0.18	16.9		
1312	4.00	26.00	1.00	12.08	6.55	23.95	564	0.20	11.7		
1316	4.00	30.00	1.00	12.10	6.56	23.94	563	0.22	7.93		

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: DAVID ICE MARK C. LBRAT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1316	SAMPLING ENDED AT: 1321
PUMP OR TUBING DEPTH IN WELL (feet): 20	TUBING MATERIAL CODE: PE	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		6.56	TDS, NITRATE, Cl	ESP	< 400
	1	|	250	HNO_3		< 2	6010 6020 SULFATE	|	
	1	|	250	H_2SO_4		< 2	NITROGEN AMMONIA	|	
	2	CG	40	ICE		6.56	8011 EDB	|	
	3	CG	40	HCl		< 2	8260 VOC	|	

REMARKS:

ORP -136.0 ORP -143.6 ORP -151.8 ORP -158.4 ORP -163.4

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 Solo Waste	SITE LOCATION: Tomoka Landfill Semi Annuals	
WELL NO: 3	SAMPLE ID: FA 2 C	DATE: 11-12-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 12.50	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (96.10 feet – 12.56 feet) X 0.16 gallons/foot = 13.376 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): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 1345	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (gallons): 22.00

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)
1359	14.00	14.00	1.00	1304	7.00	22.44	665	0.24	0.30	CLEAR	SULFUR
1403	4.00	18.00	1.00	1305	7.04	22.39	676	0.17	0.06	"	"
1407	4.00	22.00	1.00	1305	7.03	22.37	682	0.15	0.13	"	"

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: David Ice, Mark Gilbert/Pace	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1412
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	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		7.03	TDS, Nitrate Cl Sulfate	ESP	< 400
	1	"	250	HNO3		< 2	6010 6020		
	1	"	250	H_2SO_4		< 2	Nitrogen, Ammonia		
	2	CG	40	ICE		7.03	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:
ORP < 195.6 ORP + 220.6 ORP - 231.5

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 LANDFILL SEMI ANNUAL
WELL NO:	5	SAMPLE ID:	B70-1
		DATE:	11-12-14

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	7.50	PURGE PUMP TYPE OR BAILER:	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (39.15 feet – 7.50 feet) X 0.16 gallons/foot = 5.064 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):	10	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	10	PURGING INITIATED AT:	1529	PURGING ENDED AT:	1547	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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1540	~~5.50~~ 6.5	~~5.50~~ 6.5	0.50	8.00	~~4.93~~ 5.31	~~27.81~~ 24.62	268	0.27	0.51	CLEAR	NONE
1543	1.50	7.00	0.50	7.92	5.24	24.47	267	0.23	0.41	"	"
1547	1.50	8.50	0.50	7.92	5.24	24.49	267	0.26	0.36	"	"

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./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:	DAVID ICH, MARK G. LBERT/PACE	SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:	1547	SAMPLING ENDED AT:	1552
PUMP OR TUBING DEPTH IN WELL (feet):	10	TUBING MATERIAL CODE:	PE	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		5.24	TDS, NITRATE, CL, SULFATE	ESP	< 400
	4	1	250	HNO_3		< 2	6010, 6020		
	1	1	250	H_2SO_4		< 2	NITROGEN, AMMONIA		
	2	CG	40	ICE		5.24	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:
ORP -103.3 ORP -108.2 ORP 116.3

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 Landfill Semi Annuals		
WELL NO: 6	SAMPLE ID: B 20-2	DATE: 11-12-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.50	PURGE PUMP TYPE OR BAILER: ESP

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

= (21.91 feet – 7.50 feet) X 0.16 gallons/foot = 2.3056 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):
12	12	1556	1612	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)
1606	2.50	2.50	.25	8.20	5.73	25.06	350	0.96	19.3	Yellow	None
1609	0.75	3.25	.25	8.24	5.71	25.20	344	0.91	18.1	〃	〃
1612	0.75	4.00	.25	8.25	5.70	25.21	341	0.89	11.8	〃	〃

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: PACE ICE, MARK C. LAST/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1612	SAMPLING ENDED AT: 1617
PUMP OR TUBING DEPTH IN WELL (feet): 12	TUBING MATERIAL CODE: PE	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		5.70	TDS, N. TRATE Cl, SULFA	ESP	400
	1	〃	250	HNO_3		<2	6010 6020	〃	〃
	1	〃	250	H_2SO_4		<2	NITROGEN AMMONIA	〃	〃
	2	CG	40	ICE		5.70	8011 EDB	〃	〃
	3	CG	40	HCl		<2	8260 VOC	〃	〃

REMARKS:

ORP -102.2 ORP -89.0 ORP -80.3

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 Landfill Semi Annuals
WELL NO: 4 | SAMPLE ID: B 24 A | DATE: 11-12-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.23 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (33.18 feet – 5.23 feet) X 0.16 gallons/foot = 4.472 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: 1437 | PURGING ENDED AT: 1458 | TOTAL VOLUME PURGED (gallons): 7.35

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)
1450	4.55	4.55	0.35	7.15	6.42	24.27	666	0.24	1.41	CLEAR	SULFER
1454	1.4	5.95	0.35	7.20	6.41	24.15	676	0.23	0.80	"	"
1458	1.4	7.35	0.35	7.20	6.40	24.15	682	0.20	0.63	"	"

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: DAVID ICE, MARK C. BEEL / PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1458 | SAMPLING ENDED AT: 1503
PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE | FIELD-FILTERED: Y (N) | FILTER SIZE: ____ µm | Filtration Equipment Type:
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		6.40	TDS, NITRATE, Cl, SULFIDE	ESP	< 400
	1	"	250	HNO_3		< 2	6010 6020	"	"
	1	"	250	H_2SO_4		< 2	NITROGEN, AMMONIA	"	"
	2	CG	40	ICE		6.40	8011 EDB	"	"
	3	CG	40	HCL		< 2	8260 VOC	"	"

REMARKS:
ORP -146.3 ORP -153.5 ORP -159.2

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 Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR) Table Number: _____

Client Name: Walsh County Water Project #: 35163574

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: T465 155 05 Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temperature °C: 2.4 / 3.4 (Visual) 0.1 (Correction Factor) 2.3 / 3.3 (Actual)

Date and Initials of person examining contents: 11-12-14 AS 1215

(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 ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volume	☐
Corct Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in coiliance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____ Date: _____

Finished Product Information Only

F. 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

November 26, 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.: 35163742

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 13, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, 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.: 35163742

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35163742001	**EQ Blank 11/13/14**	Water	11/13/14 07:55	11/13/14 16:30
35163742002	**B71**	Water	11/13/14 08:36	11/13/14 16:30
35163742003	**B71 DUP**	Water	11/13/14 08:36	11/13/14 16:30
35163742004	**B72**	Water	11/13/14 09:27	11/13/14 16:30
35163742005	**B73-1**	Water	11/13/14 10:02	11/13/14 16:30
35163742006	**B73-2**	Water	11/13/14 11:04	11/13/14 16:30
35163742007	**B75**	Water	11/13/14 11:46	11/13/14 16:30
35163742008	**B59-1R**	Water	11/13/14 13:15	11/13/14 16:30
35163742009	**B59-2R**	Water	11/13/14 13:33	11/13/14 16:30
35163742010	**B68**	Water	11/13/14 14:30	11/13/14 16:30
35163742011	**B8**	Water	11/13/14 15:03	11/13/14 16:30
35163742012	**B8-2**	Water	11/13/14 15:25	11/13/14 16:30
35163742013	**TRIP BLANK 11/13/14**	Water	11/13/14 00:00	11/13/14 16:30

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35163742001	**EQ Blank 11/13/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742002	**B71**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742003	**B71 DUP**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742004	**B72**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742005	**B73-1**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742006	**B73-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742007	**B75**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742008	**B59-1R**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742009	**B59-2R**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742010	**B68**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742011	**B8**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742012	**B8-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35163742013	**TRIP BLANK 11/13/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163742002	**B71**					
	Field pH	5.75	Std. Units		11/13/14 08:36	
	Field Temperature	25.39	deg C		11/13/14 08:36	
	Appearance	Color: Yellow, Sheen: none			11/13/14 08:36	
	Field Specific Conductance	313	umhos/cm		11/13/14 08:36	
	Oxygen, Dissolved	0.84	mg/L		11/13/14 08:36	
	REDOX	8.5	mV		11/13/14 08:36	
	Turbidity	1.24	NTU		11/13/14 08:36	
	Water Level(NGVD)	24.15	feet		11/13/14 08:36	
EPA 6010	Barium	20.2	ug/L	10.0	11/17/14 23:53	
EPA 6010	Copper	2.8 I	ug/L	5.0	11/17/14 23:53	
EPA 6010	Iron	645	ug/L	40.0	11/17/14 23:53	
EPA 6010	Sodium	3.7	mg/L	1.0	11/17/14 23:53	
EPA 6010	Vanadium	7.5 I	ug/L	10.0	11/17/14 23:53	
EPA 6010	Zinc	22.6	ug/L	20.0	11/17/14 23:53	
SM 2540C	Total Dissolved Solids	221	mg/L	5.0	11/18/14 04:44	
EPA 300.0	Chloride	4.8 I	mg/L	5.0	11/19/14 16:18	
EPA 300.0	Sulfate	10	mg/L	5.0	11/19/14 16:18	
EPA 350.1	Nitrogen, Ammonia	0.037 I	mg/L	0.050	11/15/14 15:38	
35163742003	**B71 DUP**					
	Field pH	5.75	Std. Units		11/13/14 08:36	
	Field Temperature	25.39	deg C		11/13/14 08:36	
	Appearance	Color: Yellow, Sheen: none			11/13/14 08:36	
	Field Specific Conductance	313	umhos/cm		11/13/14 08:36	
	Oxygen, Dissolved	0.84	mg/L		11/13/14 08:36	
	REDOX	8.5	mV		11/13/14 08:36	
	Turbidity	1.24	NTU		11/13/14 08:36	
	Water Level(NGVD)	24.15	feet		11/13/14 08:36	
EPA 6010	Barium	20.3	ug/L	10.0	11/18/14 00:05	
EPA 6010	Chromium	2.6 I	ug/L	5.0	11/18/14 00:05	
EPA 6010	Copper	2.6 I	ug/L	5.0	11/18/14 00:05	
EPA 6010	Iron	644	ug/L	40.0	11/18/14 00:05	
EPA 6010	Sodium	3.9	mg/L	1.0	11/18/14 00:05	
EPA 6010	Vanadium	7.6 I	ug/L	10.0	11/18/14 00:05	
EPA 6010	Zinc	22.2	ug/L	20.0	11/18/14 00:05	
SM 2540C	Total Dissolved Solids	229	mg/L	5.0	11/18/14 04:44	
EPA 300.0	Chloride	4.8 I	mg/L	5.0	11/19/14 17:23	
EPA 300.0	Sulfate	10	mg/L	5.0	11/19/14 17:23	
EPA 350.1	Nitrogen, Ammonia	0.041 I	mg/L	0.050	11/15/14 15:40	
35163742004	**B72**					
	Field pH	6.37	Std. Units		11/13/14 09:27	
	Field Temperature	26.70	deg C		11/13/14 09:27	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163742004	**B72**					
	Appearance	Color: Yellow, Sheen: none			11/13/14 09:27	
	Field Specific Conductance	556	umhos/cm		11/13/14 09:27	
	Oxygen, Dissolved	0.69	mg/L		11/13/14 09:27	
	REDOX	-3.5	mV		11/13/14 09:27	
	Turbidity	5.72	NTU		11/13/14 09:27	
	Water Level(NGVD)	23.66	feet		11/13/14 09:27	
EPA 6010	Barium	37.9	ug/L	10.0	11/18/14 00:42	
EPA 6010	Chromium	2.8 I	ug/L	5.0	11/18/14 00:42	
EPA 6010	Iron	461	ug/L	40.0	11/18/14 00:42	
EPA 6010	Sodium	3.4	mg/L	1.0	11/18/14 00:42	
EPA 6010	Zinc	91.5	ug/L	20.0	11/18/14 00:42	
SM 2540C	Total Dissolved Solids	386	mg/L	5.0	11/18/14 04:45	
EPA 300.0	Chloride	3.4 I	mg/L	5.0	11/19/14 18:27	
EPA 300.0	Sulfate	71.9	mg/L	5.0	11/19/14 18:27	
35163742005	**B73-1**					
	Field pH	6.37	Std. Units		11/13/14 10:02	
	Field Temperature	24.39	deg C		11/13/14 10:02	
	Appearance	Color: none, Sheen: none			11/13/14 10:02	
	Field Specific Conductance	729	umhos/cm		11/13/14 10:02	
	Oxygen, Dissolved	0.21	mg/L		11/13/14 10:02	
	REDOX	-126.8	mV		11/13/14 10:02	
	Turbidity	0.89	NTU		11/13/14 10:02	
	Water Level(NGVD)	22.50	feet		11/13/14 10:02	
EPA 6010	Barium	51.4	ug/L	10.0	11/18/14 00:46	
EPA 6010	Iron	13800	ug/L	40.0	11/18/14 00:46	
EPA 6010	Sodium	41.0	mg/L	1.0	11/18/14 00:46	
SM 2540C	Total Dissolved Solids	438	mg/L	5.0	11/18/14 04:47	
EPA 300.0	Chloride	32.0	mg/L	5.0	11/19/14 18:48	
EPA 300.0	Sulfate	5.4	mg/L	5.0	11/19/14 18:48	
EPA 350.1	Nitrogen, Ammonia	0.11	mg/L	0.050	11/15/14 15:44	
35163742006	**B73-2**					
	Field pH	6.26	Std. Units		11/13/14 11:04	
	Field Temperature	27.30	deg C		11/13/14 11:04	
	Appearance	Color: Yellow, Sheen: none			11/13/14 11:04	
	Field Specific Conductance	346	umhos/cm		11/13/14 11:04	
	Oxygen, Dissolved	0.52	mg/L		11/13/14 11:04	
	REDOX	-81.4	mV		11/13/14 11:04	
	Turbidity	2.13	NTU		11/13/14 11:04	
	Water Level(NGVD)	23.21	feet		11/13/14 11:04	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163742006	**B73-2**					
EPA 6010	Arsenic	20.6	ug/L	10.0	11/18/14 00:50	
EPA 6010	Barium	32.9	ug/L	10.0	11/18/14 00:50	
EPA 6010	Chromium	2.9 I	ug/L	5.0	11/18/14 00:50	
EPA 6010	Cobalt	8.2 I	ug/L	10.0	11/18/14 00:50	
EPA 6010	Iron	12600	ug/L	40.0	11/18/14 00:50	
EPA 6010	Nickel	4.7 I	ug/L	5.0	11/18/14 00:50	
EPA 6010	Sodium	4.5	mg/L	1.0	11/18/14 00:50	
EPA 6010	Zinc	33.8	ug/L	20.0	11/18/14 00:50	
SM 2540C	Total Dissolved Solids	281	mg/L	5.0	11/18/14 04:48	
EPA 300.0	Chloride	3.5 I	mg/L	5.0	11/19/14 19:10	
EPA 300.0	Sulfate	3.0 I	mg/L	5.0	11/19/14 19:10	
EPA 350.1	Nitrogen, Ammonia	0.084	mg/L	0.050	11/15/14 15:46	
35163742007	**B75**					
	Field pH	6.12	Std. Units		11/13/14 11:46	
	Field Temperature	25.70	deg C		11/13/14 11:46	
	Appearance	Color: Yellow, Sheen: none			11/13/14 11:46	
	Field Specific Conductance	1191	umhos/cm		11/13/14 11:46	
	Oxygen, Dissolved	0.39	mg/L		11/13/14 11:46	
	REDOX	-103.3	mV		11/13/14 11:46	
	Turbidity	22.0	NTU		11/13/14 11:46	
	Water Level(NGVD)	24.61	feet		11/13/14 11:46	
EPA 6010	Barium	108	ug/L	10.0	11/18/14 00:54	
EPA 6010	Chromium	3.1 I	ug/L	5.0	11/18/14 00:54	
EPA 6010	Copper	3.3 I	ug/L	5.0	11/18/14 00:54	
EPA 6010	Iron	40700	ug/L	40.0	11/18/14 00:54	
EPA 6010	Sodium	53.1	mg/L	1.0	11/18/14 00:54	
EPA 6010	Vanadium	5.8 I	ug/L	10.0	11/18/14 00:54	
SM 2540C	Total Dissolved Solids	763	mg/L	5.0	11/18/14 04:48	
EPA 300.0	Chloride	66.6	mg/L	10.0	11/19/14 19:31	
EPA 350.1	Nitrogen, Ammonia	2.6	mg/L	0.050	11/15/14 15:48	
35163742008	**B59-1R**					
	Field pH	6.38	Std. Units		11/13/14 13:15	
	Field Temperature	25.86	deg C		11/13/14 13:15	
	Appearance	Color: Yellow, Sheen: none			11/13/14 13:15	
	Field Specific Conductance	604	umhos/cm		11/13/14 13:15	
	Oxygen, Dissolved	0.14	mg/L		11/13/14 13:15	
	REDOX	-168.0	mV		11/13/14 13:15	
	Turbidity	2.44	NTU		11/13/14 13:15	
	Water Level(NGVD)	25.79	feet		11/13/14 13:15	
EPA 6010	Barium	61.4	ug/L	10.0	11/18/14 00:59	
EPA 6010	Iron	4420	ug/L	40.0	11/18/14 00:59	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163742008	**B59-1R**					
EPA 6010	Sodium	56.0	mg/L	1.0	11/18/14 00:59	
SM 2540C	Total Dissolved Solids	385	mg/L	5.0	11/18/14 04:48	
EPA 300.0	Chloride	66.9	mg/L	5.0	11/19/14 19:52	
EPA 300.0	Sulfate	3.2	I mg/L	5.0	11/19/14 19:52	
EPA 350.1	Nitrogen, Ammonia	0.81	mg/L	0.050	11/15/14 15:50	
35163742009	**B59-2R**					
	Field pH	6.29	Std. Units		11/13/14 13:33	
	Field Temperature	26.11	deg C		11/13/14 13:33	
	Appearance	Color: Yellow, Sheen: none			11/13/14 13:33	
	Field Specific Conductance	695	umhos/cm		11/13/14 13:33	
	Oxygen, Dissolved	0.26	mg/L		11/13/14 13:33	
	REDOX	-142.0	mV		11/13/14 13:33	
	Turbidity	12.3	NTU		11/13/14 13:33	
	Water Level(NGVD)	26.21	feet		11/13/14 13:33	
EPA 6010	Barium	80.1	ug/L	10.0	11/18/14 01:03	
EPA 6010	Iron	5920	ug/L	40.0	11/18/14 01:03	
EPA 6010	Sodium	34.3	mg/L	1.0	11/18/14 01:03	
SM 2540C	Total Dissolved Solids	474	mg/L	5.0	11/18/14 04:48	
EPA 300.0	Chloride	21.0	mg/L	5.0	11/19/14 20:14	
EPA 300.0	Sulfate	37.8	mg/L	5.0	11/19/14 20:14	
EPA 350.1	Nitrogen, Ammonia	0.42	mg/L	0.050	11/17/14 11:57	
35163742010	**B68**					
	Field pH	5.65	Std. Units		11/13/14 14:30	
	Field Temperature	25.87	deg C		11/13/14 14:30	
	Appearance	Color: Yellow, Sheen: none			11/13/14 14:30	
	Field Specific Conductance	821	umhos/cm		11/13/14 14:30	
	Oxygen, Dissolved	1.14	mg/L		11/13/14 14:30	
	REDOX	-179.1	mV		11/13/14 14:30	
	Turbidity	0.41	NTU		11/13/14 14:30	
	Water Level(NGVD)	26.18	feet		11/13/14 14:30	
EPA 6010	Barium	131	ug/L	10.0	11/18/14 01:07	
EPA 6010	Iron	23600	ug/L	40.0	11/18/14 01:07	
EPA 6010	Sodium	26.2	mg/L	1.0	11/18/14 01:07	
SM 2540C	Total Dissolved Solids	649	mg/L	5.0	11/18/14 04:48	
EPA 300.0	Chloride	33.0	mg/L	10.0	11/19/14 20:35	
EPA 300.0	Sulfate	63.9	mg/L	10.0	11/19/14 20:35	
EPA 350.1	Nitrogen, Ammonia	1.2	mg/L	0.050	11/17/14 12:03	
35163742011	**B8**					
	Field pH	6.25	Std. Units		11/13/14 15:03	
	Field Temperature	24.68	deg C		11/13/14 15:03	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163742011	**B8**					
	Appearance	Color: Yellow, Sheen: none			11/13/14 15:03	
	Field Specific Conductance	649	umhos/cm		11/13/14 15:03	
	Oxygen, Dissolved	0.22	mg/L		11/13/14 15:03	
	REDOX	-165.9	mV		11/13/14 15:03	
	Turbidity	3.94	NTU		11/13/14 15:03	
	Water Level(NGVD)	19.98	feet		11/13/14 15:03	
EPA 6010	Barium	35.8	ug/L	10.0	11/18/14 01:11	
EPA 6010	Iron	1720	ug/L	40.0	11/18/14 01:11	
EPA 6010	Sodium	37.6	mg/L	1.0	11/18/14 01:11	
SM 2540C	Total Dissolved Solids	433	mg/L	5.0	11/18/14 04:49	
EPA 300.0	Chloride	68.3	mg/L	5.0	11/21/14 03:49	
EPA 300.0	Sulfate	6.3	mg/L	5.0	11/21/14 03:49	
EPA 350.1	Nitrogen, Ammonia	0.28	mg/L	0.050	11/17/14 12:05	
35163742012	**B8-2**					
	Field pH	5.36	Std. Units		11/13/14 15:25	
	Field Temperature	25.50	deg C		11/13/14 15:25	
	Appearance	Color: none, Sheen: none			11/13/14 15:25	
	Field Specific Conductance	1327	umhos/cm		11/13/14 15:25	
	Oxygen, Dissolved	0.70	mg/L		11/13/14 15:25	
	REDOX	-154.4	mV		11/13/14 15:25	
	Turbidity	0.54	NTU		11/13/14 15:25	
	Water Level(NGVD)	26.32	feet		11/13/14 15:25	
EPA 6010	Barium	224	ug/L	10.0	11/18/14 01:27	
EPA 6010	Copper	2.8 I	ug/L	5.0	11/18/14 01:27	
EPA 6010	Iron	37700	ug/L	40.0	11/18/14 01:27	
EPA 6010	Sodium	58.9	mg/L	1.0	11/18/14 01:27	
EPA 6010	Vanadium	8.0 I	ug/L	10.0	11/18/14 01:27	
SM 2540C	Total Dissolved Solids	1170	mg/L	10.0	11/18/14 04:49	
EPA 300.0	Chloride	367	mg/L	25.0	11/19/14 21:18	
EPA 300.0	Sulfate	61.8	mg/L	25.0	11/19/14 21:18	
EPA 350.1	Nitrogen, Ammonia	0.13	mg/L	0.050	11/17/14 12:08	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: EQ Blank 11/13/14 **Lab ID: 35163742001** Collected: 11/13/14 07:55 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 12:00	11/18/14 01:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 12:00	11/18/14 01:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:49	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:49	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 23:49	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 23:49	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:49	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:49	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:49	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/16/14 12:30	11/17/14 23:49	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:49	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:49	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/17/14 23:49	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:49	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/16/14 12:30	11/17/14 23:49	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:49	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/17/14 23:49	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:36	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:36	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 17:14	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:14	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 17:14	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 17:14	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:14	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:14	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 17:14	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 17:14	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: EQ Blank 11/13/14 **Lab ID: 35163742001** Collected: 11/13/14 07:55 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:14	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 17:14	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 17:14	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:14	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 17:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:14	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 17:14	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 17:14	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 17:14	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 17:14	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/19/14 17:14	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/19/14 17:14	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/16/14 21:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/19/14 15:57	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/19/14 15:57	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/15/14 15:36	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B71 **Lab ID: 35163742002** Collected: 11/13/14 08:36 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.75**	Std. Units			1		11/13/14 08:36		
Field Temperature	**25.39**	deg C			1		11/13/14 08:36		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 08:36		
Field Specific Conductance	**313**	umhos/cm			1		11/13/14 08:36		
Oxygen, Dissolved	**0.84**	mg/L			1		11/13/14 08:36	7782-44-7	
REDOX	**8.5**	mV			1		11/13/14 08:36		
Turbidity	**1.24**	NTU			1		11/13/14 08:36		
Water Level(NGVD)	**24.15**	feet			1		11/13/14 08:36		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 12:00	11/18/14 01:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 12:00	11/18/14 01:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:53	7440-38-2	
Barium	**20.2**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:53	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 23:53	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 23:53	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:53	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:53	7440-48-4	
Copper	**2.8 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:53	7440-50-8	
Iron	**645**	ug/L	40.0	20.0	1	11/16/14 12:30	11/17/14 23:53	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:53	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:53	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/17/14 23:53	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/17/14 23:53	7440-22-4	
Sodium	**3.7**	mg/L	1.0	0.50	1	11/16/14 12:30	11/17/14 23:53	7440-23-5	
Vanadium	**7.5 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/17/14 23:53	7440-62-2	
Zinc	**22.6**	ug/L	20.0	10.0	1	11/16/14 12:30	11/17/14 23:53	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:42	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:42	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:25	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 20:33	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 20:33	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 20:33	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 20:33	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B71 **Lab ID: 35163742002** Collected: 11/13/14 08:36 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 20:33	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 20:33	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 20:33	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 20:33	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 20:33	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 20:33	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 20:33	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 20:33	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 20:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 20:33	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 20:33	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 20:33	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 20:33	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 20:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/19/14 20:33	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/19/14 20:33	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/19/14 20:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B71 **Lab ID: 35163742002** Collected: 11/13/14 08:36 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**221**	mg/L	5.0	5.0	1		11/18/14 04:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**4.8 I**	mg/L	5.0	2.5	1		11/19/14 16:18	16887-00-6	
Sulfate	**10**	mg/L	5.0	2.5	1		11/19/14 16:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.037 I**	mg/L	0.050	0.020	1		11/15/14 15:38	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B71 DUP **Lab ID: 35163742003** Collected: 11/13/14 08:36 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.75**	Std. Units			1		11/13/14 08:36		
Field Temperature	**25.39**	deg C			1		11/13/14 08:36		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 08:36		
Field Specific Conductance	**313**	umhos/cm			1		11/13/14 08:36		
Oxygen, Dissolved	**0.84**	mg/L			1		11/13/14 08:36	7782-44-7	
REDOX	**8.5**	mV			1		11/13/14 08:36		
Turbidity	**1.24**	NTU			1		11/13/14 08:36		
Water Level(NGVD)	**24.15**	feet			1		11/13/14 08:36		
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	11/17/14 12:00	11/18/14 02:17	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	11/17/14 12:00	11/18/14 02:17	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:05	7440-38-2	
Barium	**20.3**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:05	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:05	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:05	7440-43-9	
Chromium	**2.6 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:05	7440-48-4	
Copper	**2.6 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:05	7440-50-8	
Iron	**644**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 00:05	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:05	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:05	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 00:05	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:05	7440-22-4	
Sodium	**3.9**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:05	7440-23-5	
Vanadium	**7.6 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:05	7440-62-2	
Zinc	**22.2**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 00:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:44	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:44	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 21:24	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:24	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 21:24	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 21:24	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B71 DUP **Lab ID: 35163742003** Collected: 11/13/14 08:36 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:24	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:24	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 21:24	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 21:24	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:24	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 21:24	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 21:24	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:24	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 21:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:24	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 21:24	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 21:24	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 21:24	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		11/19/14 21:24	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/19/14 21:24	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 21:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B71 DUP **Lab ID: 35163742003** Collected: 11/13/14 08:36 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**229**	mg/L	5.0	5.0	1		11/18/14 04:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**4.8 I**	mg/L	5.0	2.5	1		11/19/14 17:23	16887-00-6	
Sulfate	**10**	mg/L	5.0	2.5	1		11/19/14 17:23	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.041 I**	mg/L	0.050	0.020	1		11/15/14 15:40	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B72 **Lab ID: 35163742004** Collected: 11/13/14 09:27 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.37**	Std. Units			1		11/13/14 09:27		
Field Temperature	**26.70**	deg C			1		11/13/14 09:27		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 09:27		
Field Specific Conductance	**556**	umhos/cm			1		11/13/14 09:27		
Oxygen, Dissolved	**0.69**	mg/L			1		11/13/14 09:27	7782-44-7	
REDOX	**-3.5**	mV			1		11/13/14 09:27		
Turbidity	**5.72**	NTU			1		11/13/14 09:27		
Water Level(NGVD)	**23.66**	feet			1		11/13/14 09:27		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	11/17/14 12:00	11/18/14 02:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	11/17/14 12:00	11/18/14 02:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:42	7440-38-2	
Barium	**37.9**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:42	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:42	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:42	7440-43-9	
Chromium	**2.8 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:42	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:42	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:42	7440-50-8	
Iron	**461**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 00:42	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:42	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:42	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 00:42	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:42	7440-22-4	
Sodium	**3.4**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:42	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:42	7440-62-2	
Zinc	**91.5**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 00:42	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:49	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:49	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 21:50	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:50	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 21:50	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 21:50	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B72 **Lab ID: 35163742004** Collected: 11/13/14 09:27 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:50	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:50	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 21:50	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 21:50	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:50	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 21:50	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 21:50	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:50	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 21:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 21:50	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 21:50	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 21:50	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 21:50	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 21:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		11/19/14 21:50	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	86-125		1		11/19/14 21:50	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/19/14 21:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B72 **Lab ID: 35163742004** Collected: 11/13/14 09:27 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**386**	mg/L	5.0	5.0	1		11/18/14 04:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**3.4 I**	mg/L	5.0	2.5	1		11/19/14 18:27	16887-00-6	
Sulfate	**71.9**	mg/L	5.0	2.5	1		11/19/14 18:27	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/15/14 15:42	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B73-1 **Lab ID: 35163742005** Collected: 11/13/14 10:02 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.37**	Std. Units			1		11/13/14 10:02		
Field Temperature	**24.39**	deg C			1		11/13/14 10:02		
Appearance	**Color: none, Sheen: none**				1		11/13/14 10:02		
Field Specific Conductance	**729**	umhos/cm			1		11/13/14 10:02		
Oxygen, Dissolved	**0.21**	mg/L			1		11/13/14 10:02	7782-44-7	
REDOX	**-126.8**	mV			1		11/13/14 10:02		
Turbidity	**0.89**	NTU			1		11/13/14 10:02		
Water Level(NGVD)	**22.50**	feet			1		11/13/14 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	11/17/14 12:00	11/18/14 02:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 12:00	11/18/14 02:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:46	7440-38-2	
Barium	**51.4**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:46	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:46	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:46	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:46	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:46	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:46	7440-50-8	
Iron	**13800**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 00:46	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:46	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:46	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 00:46	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:46	7440-22-4	
Sodium	**41.0**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:46	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:46	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 00:46	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:31	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 22:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 22:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 22:16	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B73-1 **Lab ID: 35163742005** Collected: 11/13/14 10:02 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 22:16	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 22:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 22:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 22:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 22:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 22:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 22:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 22:16	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	86-125		1		11/19/14 22:16	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/19/14 22:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B73-1 **Lab ID: 35163742005** Collected: 11/13/14 10:02 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**438**	mg/L	5.0	5.0	1		11/18/14 04:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**32.0**	mg/L	5.0	2.5	1		11/19/14 18:48	16887-00-6	
Sulfate	**5.4**	mg/L	5.0	2.5	1		11/19/14 18:48	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.11**	mg/L	0.050	0.020	1		11/15/14 15:44	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B73-2 **Lab ID: 35163742006** Collected: 11/13/14 11:04 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.26**	Std. Units			1		11/13/14 11:04		
Field Temperature	**27.30**	deg C			1		11/13/14 11:04		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 11:04		
Field Specific Conductance	**346**	umhos/cm			1		11/13/14 11:04		
Oxygen, Dissolved	**0.52**	mg/L			1		11/13/14 11:04	7782-44-7	
REDOX	**-81.4**	mV			1		11/13/14 11:04		
Turbidity	**2.13**	NTU			1		11/13/14 11:04		
Water Level(NGVD)	**23.21**	feet			1		11/13/14 11:04		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 12:00	11/18/14 03:02	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 12:00	11/18/14 03:02	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**20.6**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:50	7440-38-2	
Barium	**32.9**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:50	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:50	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:50	7440-43-9	
Chromium	**2.9 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:50	7440-47-3	
Cobalt	**8.2 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:50	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:50	7440-50-8	
Iron	**12600**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 00:50	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:50	7439-92-1	
Nickel	**4.7 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:50	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 00:50	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:50	7440-22-4	
Sodium	**4.5**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:50	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:50	7440-62-2	
Zinc	**33.8**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 00:50	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:57	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 19:57	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:34	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 22:42	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:42	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 22:42	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 22:42	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B73-2 **Lab ID: 35163742006** Collected: 11/13/14 11:04 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:42	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:42	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 22:42	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 22:42	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:42	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 22:42	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 22:42	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:42	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 22:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 22:42	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 22:42	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 22:42	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 22:42	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 22:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/19/14 22:42	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/19/14 22:42	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 22:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B73-2 **Lab ID: 35163742006** Collected: 11/13/14 11:04 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**281**	mg/L	5.0	5.0	1		11/18/14 04:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**3.5 I**	mg/L	5.0	2.5	1		11/19/14 19:10	16887-00-6	
Sulfate	**3.0 I**	mg/L	5.0	2.5	1		11/19/14 19:10	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.084**	mg/L	0.050	0.020	1		11/15/14 15:46	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B75 **Lab ID: 35163742007** Collected: 11/13/14 11:46 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.12**	Std. Units			1		11/13/14 11:46		
Field Temperature	**25.70**	deg C			1		11/13/14 11:46		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 11:46		
Field Specific Conductance	**1191**	umhos/cm			1		11/13/14 11:46		
Oxygen, Dissolved	**0.39**	mg/L			1		11/13/14 11:46	7782-44-7	
REDOX	**-103.3**	mV			1		11/13/14 11:46		
Turbidity	**22.0**	NTU			1		11/13/14 11:46		
Water Level(NGVD)	**24.61**	feet			1		11/13/14 11:46		
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	11/17/14 12:00	11/18/14 03:17	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	11/17/14 12:00	11/18/14 03:17	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:54	7440-38-2	
Barium	**108**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:54	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:54	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:54	7440-43-9	
Chromium	**3.1 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:54	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:54	7440-48-4	
Copper	**3.3 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:54	7440-50-8	
Iron	**40700**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 00:54	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:54	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:54	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 00:54	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:54	7440-22-4	
Sodium	**53.1**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:54	7440-23-5	
Vanadium	**5.8 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:54	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 00:54	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:03	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:03	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 23:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:07	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 23:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 23:07	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B75 **Lab ID: 35163742007** Collected: 11/13/14 11:46 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 23:07	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 23:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:07	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 23:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 23:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 23:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 23:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 23:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 23:07	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/19/14 23:07	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/19/14 23:07	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/19/14 23:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B75 **Lab ID: 35163742007** Collected: 11/13/14 11:46 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**763**	mg/L	5.0	5.0	1		11/18/14 04:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.6**	mg/L	10.0	5.0	2		11/19/14 19:31	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		11/19/14 19:31	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**2.6**	mg/L	0.050	0.020	1		11/15/14 15:48	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B59-1R **Lab ID: 35163742008** Collected: 11/13/14 13:15 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.38**	Std. Units			1		11/13/14 13:15		
Field Temperature	**25.86**	deg C			1		11/13/14 13:15		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 13:15		
Field Specific Conductance	**604**	umhos/cm			1		11/13/14 13:15		
Oxygen, Dissolved	**0.14**	mg/L			1		11/13/14 13:15	7782-44-7	
REDOX	**-168.0**	mV			1		11/13/14 13:15		
Turbidity	**2.44**	NTU			1		11/13/14 13:15		
Water Level(NGVD)	**25.79**	feet			1		11/13/14 13:15		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	11/17/14 12:00	11/18/14 03:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/17/14 12:00	11/18/14 03:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:59	7440-38-2	
Barium	**61.4**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:59	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:59	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:59	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:59	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:59	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:59	7440-50-8	
Iron	**4420**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 00:59	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:59	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:59	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 00:59	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 00:59	7440-22-4	
Sodium	**56.0**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 00:59	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 00:59	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 00:59	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:38	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 23:33	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:33	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 23:33	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 23:33	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B59-1R **Lab ID: 35163742008** Collected: 11/13/14 13:15 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:33	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:33	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 23:33	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 23:33	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:33	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 23:33	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 23:33	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:33	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 23:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:33	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 23:33	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 23:33	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 23:33	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/19/14 23:33	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	86-125		1		11/19/14 23:33	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/19/14 23:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B59-1R **Lab ID: 35163742008** Collected: 11/13/14 13:15 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**385**	mg/L	5.0	5.0	1		11/18/14 04:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.9**	mg/L	5.0	2.5	1		11/19/14 19:52	16887-00-6	
Sulfate	**3.2 I**	mg/L	5.0	2.5	1		11/19/14 19:52	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.81**	mg/L	0.050	0.020	1		11/15/14 15:50	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B59-2R **Lab ID: 35163742009** Collected: 11/13/14 13:33 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.29**	Std. Units			1		11/13/14 13:33		
Field Temperature	**26.11**	deg C			1		11/13/14 13:33		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 13:33		
Field Specific Conductance	**695**	umhos/cm			1		11/13/14 13:33		
Oxygen, Dissolved	**0.26**	mg/L			1		11/13/14 13:33	7782-44-7	
REDOX	**-142.0**	mV			1		11/13/14 13:33		
Turbidity	**12.3**	NTU			1		11/13/14 13:33		
Water Level(NGVD)	**26.21**	feet			1		11/13/14 13:33		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	11/17/14 12:00	11/18/14 03:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	11/17/14 12:00	11/18/14 03:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:03	7440-38-2	
Barium	**80.1**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:03	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:03	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:03	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:03	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:03	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:03	7440-50-8	
Iron	**5920**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 01:03	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:03	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:03	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 01:03	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:03	7440-22-4	
Sodium	**34.3**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:03	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:03	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 01:03	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:07	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:07	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:40	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 23:58	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:58	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 23:58	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 23:58	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B59-2R **Lab ID: 35163742009** Collected: 11/13/14 13:33 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:58	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:58	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 23:58	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 23:58	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:58	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 23:58	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 23:58	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:58	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 23:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 23:58	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 23:58	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 23:58	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 23:58	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 23:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-114		1		11/19/14 23:58	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/19/14 23:58	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/19/14 23:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B59-2R **Lab ID: 35163742009** Collected: 11/13/14 13:33 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**474**	mg/L	5.0	5.0	1		11/18/14 04:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**21.0**	mg/L	5.0	2.5	1		11/19/14 20:14	16887-00-6	
Sulfate	**37.8**	mg/L	5.0	2.5	1		11/19/14 20:14	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.42**	mg/L	0.050	0.020	1		11/17/14 11:57	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B68 **Lab ID: 35163742010** Collected: 11/13/14 14:30 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.65**	Std. Units			1		11/13/14 14:30		
Field Temperature	**25.87**	deg C			1		11/13/14 14:30		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 14:30		
Field Specific Conductance	**821**	umhos/cm			1		11/13/14 14:30		
Oxygen, Dissolved	**1.14**	mg/L			1		11/13/14 14:30	7782-44-7	
REDOX	**-179.1**	mV			1		11/13/14 14:30		
Turbidity	**0.41**	NTU			1		11/13/14 14:30		
Water Level(NGVD)	**26.18**	feet			1		11/13/14 14:30		
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	11/17/14 12:00	11/18/14 04:02	96-12-8	
1,2-Dibromoethane (EDB)	**0.0061U**	ug/L	0.0098	0.0061	1	11/17/14 12:00	11/18/14 04:02	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:07	7440-38-2	
Barium	**131**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:07	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:07	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:07	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:07	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:07	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:07	7440-50-8	
Iron	**23600**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 01:07	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:07	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:07	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 01:07	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:07	7440-22-4	
Sodium	**26.2**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:07	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:07	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 01:07	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:08	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:46	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 00:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:23	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 00:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 00:23	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B68 **Lab ID: 35163742010** Collected: 11/13/14 14:30 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 00:23	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 00:23	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 00:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 00:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 00:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 00:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 00:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 00:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 00:23	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/20/14 00:23	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/20/14 00:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B68 **Lab ID: 35163742010** Collected: 11/13/14 14:30 Received: 11/13/14 16:30 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		11/18/14 04:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**33.0**	mg/L	10.0	5.0	2		11/19/14 20:35	16887-00-6	
Sulfate	**63.9**	mg/L	10.0	5.0	2		11/19/14 20:35	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.2**	mg/L	0.050	0.020	1		11/17/14 12:03	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:56		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B8 **Lab ID: 35163742011** Collected: 11/13/14 15:03 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.25**	Std. Units			1		11/13/14 15:03		
Field Temperature	**24.68**	deg C			1		11/13/14 15:03		
Appearance	**Color: Yellow, Sheen: none**				1		11/13/14 15:03		
Field Specific Conductance	**649**	umhos/cm			1		11/13/14 15:03		
Oxygen, Dissolved	**0.22**	mg/L			1		11/13/14 15:03	7782-44-7	
REDOX	**-165.9**	mV			1		11/13/14 15:03		
Turbidity	**3.94**	NTU			1		11/13/14 15:03		
Water Level(NGVD)	**19.98**	feet			1		11/13/14 15:03		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 12:00	11/18/14 04:17	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	11/17/14 12:00	11/18/14 04:17	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:11	7440-38-2	
Barium	**35.8**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:11	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:11	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:11	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:11	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:11	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:11	7440-50-8	
Iron	**1720**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 01:11	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:11	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:11	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 01:11	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:11	7440-22-4	
Sodium	**37.6**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:11	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:11	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 01:11	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:10	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:10	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:49	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 00:49	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:49	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 00:49	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 00:49	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B8 **Lab ID: 35163742011** Collected: 11/13/14 15:03 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:49	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:49	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 00:49	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 00:49	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:49	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 00:49	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 00:49	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:49	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 00:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 00:49	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 00:49	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 00:49	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 00:49	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 00:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 00:49	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		11/20/14 00:49	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		11/20/14 00:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B8 **Lab ID: 35163742011** Collected: 11/13/14 15:03 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**433**	mg/L	5.0	5.0	1		11/18/14 04:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**68.3**	mg/L	5.0	2.5	1		11/21/14 03:49	16887-00-6	
Sulfate	**6.3**	mg/L	5.0	2.5	1		11/21/14 03:49	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.28**	mg/L	0.050	0.020	1		11/17/14 12:05	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:57		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B8-2 **Lab ID: 35163742012** Collected: 11/13/14 15:25 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.36**	Std. Units			1		11/13/14 15:25		
Field Temperature	**25.50**	deg C			1		11/13/14 15:25		
Appearance	**Color: none, Sheen: none**				1		11/13/14 15:25		
Field Specific Conductance	**1327**	umhos/cm			1		11/13/14 15:25		
Oxygen, Dissolved	**0.70**	mg/L			1		11/13/14 15:25	7782-44-7	
REDOX	**-154.4**	mV			1		11/13/14 15:25		
Turbidity	**0.54**	NTU			1		11/13/14 15:25		
Water Level(NGVD)	**26.32**	feet			1		11/13/14 15:25		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 12:00	11/18/14 04:32	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.0099	0.0062	1	11/17/14 12:00	11/18/14 04:32	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:27	7440-38-2	
Barium	**224**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:27	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:27	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:27	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:27	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:27	7440-48-4	
Copper	**2.8 I**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:27	7440-50-8	
Iron	**37700**	ug/L	40.0	20.0	1	11/16/14 12:30	11/18/14 01:27	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:27	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:27	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 12:30	11/18/14 01:27	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 12:30	11/18/14 01:27	7440-22-4	
Sodium	**58.9**	mg/L	1.0	0.50	1	11/16/14 12:30	11/18/14 01:27	7440-23-5	
Vanadium	**8.0 I**	ug/L	10.0	5.0	1	11/16/14 12:30	11/18/14 01:27	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 12:30	11/18/14 01:27	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:11	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 12:30	11/17/14 20:11	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 00:47	11/21/14 12:51	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 01:14	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 01:14	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 01:14	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 01:14	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B8-2 **Lab ID: 35163742012** Collected: 11/13/14 15:25 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 01:14	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 01:14	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 01:14	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 01:14	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 01:14	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 01:14	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 01:14	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 01:14	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 01:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 01:14	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 01:14	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 01:14	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 01:14	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 01:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/20/14 01:14	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/20/14 01:14	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 01:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: B8-2 **Lab ID: 35163742012** Collected: 11/13/14 15:25 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1170**	mg/L	10.0	10.0	1		11/18/14 04:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**367**	mg/L	25.0	12.5	5		11/19/14 21:18	16887-00-6	
Sulfate	**61.8**	mg/L	25.0	12.5	5		11/19/14 21:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.13**	mg/L	0.050	0.020	1		11/17/14 12:08	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/14/14 09:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: TRIP BLANK 11/13/14 **Lab ID: 35163742013** Collected: 11/13/14 00:00 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/19/14 17:38	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:38	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/19/14 17:38	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/19/14 17:38	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:38	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:38	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/19/14 17:38	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/19/14 17:38	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/19/14 17:38	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:38	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 17:38	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/19/14 17:38	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:38	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/19/14 17:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/19/14 17:38	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/19/14 17:38	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/19/14 17:38	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/19/14 17:38	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

Sample: TRIP BLANK 11/13/14 **Lab ID: 35163742013** Collected: 11/13/14 00:00 Received: 11/13/14 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/19/14 17:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-114		1		11/19/14 17:38	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		11/19/14 17:38	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/19/14 17:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: MERP/5120 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1061805 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/21/14 11:46	

LABORATORY CONTROL SAMPLE: 1061806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061807 1061808

Parameter	Units	35163574002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	1.7	1.8	86	88	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: MPRP/21521 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1058666 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/17/14 23:24	
Barium	ug/L	5.0U	10.0	11/17/14 23:24	
Beryllium	ug/L	0.50U	1.0	11/17/14 23:24	
Cadmium	ug/L	0.50U	1.0	11/17/14 23:24	
Chromium	ug/L	2.5U	5.0	11/17/14 23:24	
Cobalt	ug/L	5.0U	10.0	11/17/14 23:24	
Copper	ug/L	2.5U	5.0	11/17/14 23:24	
Iron	ug/L	20.0U	40.0	11/17/14 23:24	
Lead	ug/L	5.0U	10.0	11/17/14 23:24	
Nickel	ug/L	2.5U	5.0	11/17/14 23:24	
Selenium	ug/L	7.5U	15.0	11/17/14 23:24	
Silver	ug/L	2.5U	5.0	11/17/14 23:24	
Sodium	mg/L	0.50U	1.0	11/17/14 23:24	
Vanadium	ug/L	5.0U	10.0	11/17/14 23:24	
Zinc	ug/L	10.0U	20.0	11/17/14 23:24	

LABORATORY CONTROL SAMPLE: 1058667

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	246	98	80-120	
Barium	ug/L	250	252	101	80-120	
Beryllium	ug/L	25	25.3	101	80-120	
Cadmium	ug/L	25	26.8	107	80-120	
Chromium	ug/L	250	253	101	80-120	
Cobalt	ug/L	250	258	103	80-120	
Copper	ug/L	250	244	97	80-120	
Iron	ug/L	2500	2530	101	80-120	
Lead	ug/L	250	269	107	80-120	
Nickel	ug/L	250	265	106	80-120	
Selenium	ug/L	250	259	104	80-120	
Silver	ug/L	25	24.7	99	80-120	
Sodium	mg/L	12.5	13.0	104	80-120	
Vanadium	ug/L	250	247	99	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058668 1058669

Parameter	Units	35163742002 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	250	251	99	99	75-125	0	20	
Barium	ug/L	20.2	250	250	272	273	101	101	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	25.1	25.6	100	102	75-125	2	20	
Cadmium	ug/L	0.50U	25	25	26.3	26.1	105	105	75-125	1	20	
Chromium	ug/L	2.5U	250	250	252	256	100	102	75-125	2	20	
Cobalt	ug/L	5.0U	250	250	256	256	102	102	75-125	0	20	
Copper	ug/L	2.8 I	250	250	250	252	99	100	75-125	1	20	
Iron	ug/L	645	2500	2500	3190	3190	102	102	75-125	0	20	
Lead	ug/L	5.0U	250	250	261	263	104	105	75-125	1	20	
Nickel	ug/L	2.5U	250	250	263	262	104	104	75-125	0	20	
Selenium	ug/L	7.5U	250	250	255	257	102	102	75-125	1	20	
Silver	ug/L	2.5U	25	25	24.4	25.4	95	99	75-125	4	20	
Sodium	mg/L	3.7	12.5	12.5	16.8	17.0	105	106	75-125	1	20	
Vanadium	ug/L	7.5 I	250	250	254	257	99	100	75-125	1	20	
Zinc	ug/L	22.6	1250	1250	1300	1300	102	102	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: MPRP/21522 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1058670 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/17/14 19:31	
Thallium	ug/L	0.50U	1.0	11/17/14 19:31	

LABORATORY CONTROL SAMPLE: 1058671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.3	95	80-120	
Thallium	ug/L	50	48.8	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058672 1058673

Parameter	Units	35163742003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	47.1	47.7	94	95	75-125	1	20	
Thallium	ug/L	0.50U	50	50	50.5	51.2	101	102	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: MSV/13302 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012, 35163742013

METHOD BLANK: 1061396 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012, 35163742013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/19/14 16:25	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/19/14 16:25	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/19/14 16:25	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/19/14 16:25	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/19/14 16:25	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/19/14 16:25	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/19/14 16:25	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/19/14 16:25	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/19/14 16:25	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/19/14 16:25	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/19/14 16:25	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/19/14 16:25	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/19/14 16:25	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/19/14 16:25	
2-Hexanone	ug/L	5.0U	10.0	11/19/14 16:25	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/19/14 16:25	
Acetone	ug/L	10.0U	20.0	11/19/14 16:25	
Acrylonitrile	ug/L	5.0U	10.0	11/19/14 16:25	
Benzene	ug/L	0.10U	1.0	11/19/14 16:25	
Bromochloromethane	ug/L	0.50U	1.0	11/19/14 16:25	
Bromodichloromethane	ug/L	0.27U	0.60	11/19/14 16:25	
Bromoform	ug/L	0.50U	1.0	11/19/14 16:25	
Bromomethane	ug/L	0.50U	1.0	11/19/14 16:25	
Carbon disulfide	ug/L	5.0U	10.0	11/19/14 16:25	
Carbon tetrachloride	ug/L	0.50U	1.0	11/19/14 16:25	
Chlorobenzene	ug/L	0.50U	1.0	11/19/14 16:25	
Chloroethane	ug/L	0.50U	1.0	11/19/14 16:25	
Chloroform	ug/L	0.50U	1.0	11/19/14 16:25	
Chloromethane	ug/L	0.62U	1.0	11/19/14 16:25	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/19/14 16:25	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/19/14 16:25	
Dibromochloromethane	ug/L	0.26U	0.50	11/19/14 16:25	
Dibromomethane	ug/L	0.50U	1.0	11/19/14 16:25	
Ethylbenzene	ug/L	0.50U	1.0	11/19/14 16:25	
Iodomethane	ug/L	0.50U	1.0	11/19/14 16:25	
Methylene Chloride	ug/L	2.5U	5.0	11/19/14 16:25	
Styrene	ug/L	0.50U	1.0	11/19/14 16:25	
Tetrachloroethene	ug/L	0.50U	1.0	11/19/14 16:25	
Toluene	ug/L	0.50U	1.0	11/19/14 16:25	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/19/14 16:25	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

METHOD BLANK: 1061396 Matrix: Water

Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012, 35163742013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/19/14 16:25	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/19/14 16:25	
Trichloroethene	ug/L	0.50U	1.0	11/19/14 16:25	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/19/14 16:25	
Vinyl acetate	ug/L	1.0U	2.0	11/19/14 16:25	
Vinyl chloride	ug/L	0.50U	1.0	11/19/14 16:25	
Xylene (Total)	ug/L	0.50U	1.0	11/19/14 16:25	
1,2-Dichloroethane-d4 (S)	%	109	86-125	11/19/14 16:25	
4-Bromofluorobenzene (S)	%	96	70-114	11/19/14 16:25	
Toluene-d8 (S)	%	102	87-113	11/19/14 16:25	

LABORATORY CONTROL SAMPLE: 1061397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	100	70-130	
1,1,1-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.7	89	70-130	
1,1,2-Trichloroethane	ug/L	20	19.1	95	70-130	
1,1-Dichloroethane	ug/L	20	20.5	102	70-130	
1,1-Dichloroethene	ug/L	20	21.4	107	70-130	
1,2,3-Trichloropropane	ug/L	20	19.7	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.6	83	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	18.7	94	70-130	
1,2-Dichlorobenzene	ug/L	20	19.4	97	70-130	
1,2-Dichloroethane	ug/L	20	20.1	100	70-130	
1,2-Dichloropropane	ug/L	20	20.0	100	70-130	
1,4-Dichlorobenzene	ug/L	20	19.0	95	70-130	
2-Butanone (MEK)	ug/L	40	29.1	73	55-167	
2-Hexanone	ug/L	40	30.8	77	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	32.3	81	70-130	
Acetone	ug/L	40	28.6	72	40-150	
Acrylonitrile	ug/L	200	168	84	70-130	
Benzene	ug/L	20	20.2	101	70-130	
Bromochloromethane	ug/L	20	21.2	106	70-130	
Bromodichloromethane	ug/L	20	20.3	101	70-130	
Bromoform	ug/L	20	18.2	91	68-130	
Bromomethane	ug/L	20	19.5	98	38-179	
Carbon disulfide	ug/L	20	19.0	95	51-155	
Carbon tetrachloride	ug/L	20	21.6	108	70-130	
Chlorobenzene	ug/L	20	20.4	102	70-130	
Chloroethane	ug/L	20	22.3	111	59-149	
Chloroform	ug/L	20	19.8	99	70-130	
Chloromethane	ug/L	20	16.2	81	68-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

LABORATORY CONTROL SAMPLE: 1061397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	20.5	103	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.3	102	70-130	
Dibromochloromethane	ug/L	20	19.4	97	70-130	
Dibromomethane	ug/L	20	19.9	100	70-130	
Ethylbenzene	ug/L	20	20.3	102	70-130	
Iodomethane	ug/L	40	18.6	46	43-160	
Methylene Chloride	ug/L	20	19.7	99	70-130	
Styrene	ug/L	20	19.9	99	70-130	
Tetrachloroethene	ug/L	20	20.7	104	66-133	
Toluene	ug/L	20	20.0	100	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.1	106	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.0	95	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	13.9	69	65-130	
Trichloroethene	ug/L	20	21.2	106	70-130	
Trichlorofluoromethane	ug/L	20	21.9	110	70-131	
Vinyl acetate	ug/L	20	17.2	86	69-135	
Vinyl chloride	ug/L	20	20.9	105	69-140	
Xylene (Total)	ug/L	60	61.3	102	70-130	
1,2-Dichloroethane-d4 (S)	%			107	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Toluene-d8 (S)	%			102	87-113	

MATRIX SPIKE SAMPLE: 1063738

Parameter	Units	35163742003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	21.1	105	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	23.9	120	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	19.6	98	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	21.7	108	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.8	109	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	21.5	107	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	19.5	98	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	19.0	95	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	20.2	101	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	21.4	107	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	20.3	101	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.8	99	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	34.7	87	48-138	
2-Hexanone	ug/L	5.0U	40	35.5	89	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	39.5	99	28-143	
Acetone	ug/L	10.0U	40	35.3	76	20-140	
Acrylonitrile	ug/L	5.0U	200	169	84	46-130	
Benzene	ug/L	0.10U	20	21.4	107	53-132	
Bromochloromethane	ug/L	0.50U	20	20.6	103	54-132	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

MATRIX SPIKE SAMPLE: 1063738

Parameter	Units	35163742003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	21.1	105	46-130	
Bromoform	ug/L	0.50U	20	19.0	95	32-130	
Bromomethane	ug/L	0.50U	20	15.3	76	20-152	
Carbon disulfide	ug/L	5.0U	20	22.5	111	28-184	
Carbon tetrachloride	ug/L	0.50U	20	24.0	120	37-137	
Chlorobenzene	ug/L	0.50U	20	21.2	106	46-130	
Chloroethane	ug/L	0.50U	20	23.9	120	48-159	
Chloroform	ug/L	0.50U	20	21.1	106	51-130	
Chloromethane	ug/L	0.62U	20	12.0	60	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	21.0	105	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.6	98	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.5	102	43-130	
Dibromomethane	ug/L	0.50U	20	20.6	103	50-130	
Ethylbenzene	ug/L	0.50U	20	21.2	106	43-130	
Iodomethane	ug/L	0.50U	40	16.4	41	20-169	
Methylene Chloride	ug/L	2.5U	20	20.7	104	51-135	
Styrene	ug/L	0.50U	20	20.2	101	40-130	
Tetrachloroethene	ug/L	0.50U	20	21.5	107	26-130	
Toluene	ug/L	0.50U	20	20.9	104	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	22.6	113	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.1	96	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	14.7	73	20-139	
Trichloroethene	ug/L	0.50U	20	22.0	110	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	25.5	127	46-146	
Vinyl acetate	ug/L	1.0U	20	16.5	83	20-165	
Vinyl chloride	ug/L	0.50U	20	23.6	118	57-142	
Xylene (Total)	ug/L	0.50U	60	63.7	106	42-130	
1,2-Dichloroethane-d4 (S)	%				110	86-125	
4-Bromofluorobenzene (S)	%				102	70-114	
Toluene-d8 (S)	%				102	87-113	

SAMPLE DUPLICATE: 1063737

Parameter	Units	35163742002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

SAMPLE DUPLICATE: 1063737

Parameter	Units	35163742002 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)	%	105	109	3		
4-Bromofluorobenzene (S)	%	97	98	1		
Toluene-d8 (S)	%	103	105	2		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: OEXT/19707 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1058827 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/17/14 23:31	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/17/14 23:31	

LABORATORY CONTROL SAMPLE: 1058828

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.25	101	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.26	105	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058829 1058830

Parameter	Units	35163574009 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	0.0048U	.44	.44	0.48	0.46	111	104	60-140	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.0061U	.44	.44	0.52	0.50	118	114	60-140	4	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WET/27868 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35163742001

METHOD BLANK: 1058782 Matrix: Water
Associated Lab Samples: 35163742001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/16/14 21:52	

LABORATORY CONTROL SAMPLE: 1058783

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

SAMPLE DUPLICATE: 1058786

Parameter	Units	35163888002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3020	3130	4	20	

SAMPLE DUPLICATE: 1058787

Parameter	Units	35163737001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	492	538	9	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WET/27889 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1059728 Matrix: Water
Associated Lab Samples: 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/18/14 04:44	

LABORATORY CONTROL SAMPLE: 1059729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	311	104	90-110	

SAMPLE DUPLICATE: 1059742

Parameter	Units	35163803002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1370	1330	3	20	

SAMPLE DUPLICATE: 1059743

Parameter	Units	35163803003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2440	2470	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WETA/41322 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742012

METHOD BLANK: 1059868 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/19/14 11:40	
Sulfate	mg/L	2.5U	5.0	11/19/14 11:40	

LABORATORY CONTROL SAMPLE: 1059869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.8	100	90-110	
Sulfate	mg/L	50	49.2	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1059870 1059871

Parameter	Units	35163574006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	26.7	50	50	80.0	79.9	107	106	90-110	0	20	
Sulfate	mg/L	46.4	50	50	101	101	110	110	90-110	0	20	L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1059872 1059873

Parameter	Units	35163742003 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	53.1	53.0	97	96	90-110	0	20	
Sulfate	mg/L	10	50	50	58.9	58.8	98	98	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WETA/41425 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35163742011

METHOD BLANK: 1062602 Matrix: Water
Associated Lab Samples: 35163742011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/21/14 01:16	
Sulfate	mg/L	2.5U	5.0	11/21/14 01:16	

LABORATORY CONTROL SAMPLE: 1062603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.0	98	90-110	
Sulfate	mg/L	50	48.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062604 1062605

Parameter	Units	35163575001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4060	2500	2500	7310	7320	130	131	90-110	0	20	L,M6
Sulfate	mg/L	312	2500	2500	2790	2780	99	99	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062606 1062607

Parameter	Units	35163952002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	18.7	50	50	68.1	68.2	99	99	90-110	0	20	
Sulfate	mg/L	12.6	50	50	60.5	60.6	96	96	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WETA/41259 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008

METHOD BLANK: 1058388 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/15/14 14:57	

LABORATORY CONTROL SAMPLE: 1058389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 1058391

Parameter	Units	35163959002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.026 I	1	1.1	107	90-110	

SAMPLE DUPLICATE: 1058390

Parameter	Units	35163959002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.026 I	0.030 I		20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WETA/41295 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1058943 Matrix: Water
Associated Lab Samples: 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/17/14 11:53	

LABORATORY CONTROL SAMPLE: 1058944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.93	93	90-110	

MATRIX SPIKE SAMPLE: 1058946

Parameter	Units	35163742009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.42	1	1.4	93	90-110	

SAMPLE DUPLICATE: 1058945

Parameter	Units	35163742009 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.42	0.42	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163742

QC Batch: WETA/41230 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

METHOD BLANK: 1057169 Matrix: Water
Associated Lab Samples: 35163742001, 35163742002, 35163742003, 35163742004, 35163742005, 35163742006, 35163742007, 35163742008, 35163742009, 35163742010, 35163742011, 35163742012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/14/14 09:28	

SAMPLE DUPLICATE: 1057171

Parameter	Units	35163736002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.026 I	0.031 I			

SAMPLE DUPLICATE: 1057173

Parameter	Units	35163742007 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

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.

PQL - Practical Quantitation 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.
L	Off-scale high. Actual value is known to be greater than value given.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163742002	**B71**		FLD/		
35163742003	**B71 DUP**		FLD/		
35163742004	**B72**		FLD/		
35163742005	**B73-1**		FLD/		
35163742006	**B73-2**		FLD/		
35163742007	**B75**		FLD/		
35163742008	**B59-1R**		FLD/		
35163742009	**B59-2R**		FLD/		
35163742010	**B68**		FLD/		
35163742011	**B8**		FLD/		
35163742012	**B8-2**		FLD/		
35163742001	**EQ Blank 11/13/14**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742002	**B71**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742003	**B71 DUP**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742004	**B72**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742005	**B73-1**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742006	**B73-2**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742007	**B75**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742008	**B59-1R**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742009	**B59-2R**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742010	**B68**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742011	**B8**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742012	**B8-2**	EPA 8011	OEXT/19707	EPA 8011	GCSV/12947
35163742001	**EQ Blank 11/13/14**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742002	**B71**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742003	**B71 DUP**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742004	**B72**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742005	**B73-1**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742006	**B73-2**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742007	**B75**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742008	**B59-1R**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742009	**B59-2R**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742010	**B68**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742011	**B8**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742012	**B8-2**	EPA 3010	MPRP/21521	EPA 6010	ICP/13171
35163742001	**EQ Blank 11/13/14**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742002	**B71**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742003	**B71 DUP**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742004	**B72**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742005	**B73-1**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742006	**B73-2**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742007	**B75**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742008	**B59-1R**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742009	**B59-2R**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742010	**B68**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742011	**B8**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795
35163742012	**B8-2**	EPA 3010	MPRP/21522	EPA 6020	ICPM/8795

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163742001	**EQ Blank 11/13/14**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742002	**B71**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742003	**B71 DUP**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742004	**B72**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742005	**B73-1**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742006	**B73-2**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742007	**B75**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742008	**B59-1R**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742009	**B59-2R**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742010	**B68**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742011	**B8**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742012	**B8-2**	EPA 7470	MERP/5120	EPA 7470	MERC/5112
35163742001	**EQ Blank 11/13/14**	EPA 8260	MSV/13302		
35163742002	**B71**	EPA 8260	MSV/13302		
35163742003	**B71 DUP**	EPA 8260	MSV/13302		
35163742004	**B72**	EPA 8260	MSV/13302		
35163742005	**B73-1**	EPA 8260	MSV/13302		
35163742006	**B73-2**	EPA 8260	MSV/13302		
35163742007	**B75**	EPA 8260	MSV/13302		
35163742008	**B59-1R**	EPA 8260	MSV/13302		
35163742009	**B59-2R**	EPA 8260	MSV/13302		
35163742010	**B68**	EPA 8260	MSV/13302		
35163742011	**B8**	EPA 8260	MSV/13302		
35163742012	**B8-2**	EPA 8260	MSV/13302		
35163742013	**TRIP BLANK 11/13/14**	EPA 8260	MSV/13302		
35163742001	**EQ Blank 11/13/14**	SM 2540C	WET/27868		
35163742002	**B71**	SM 2540C	WET/27889		
35163742003	**B71 DUP**	SM 2540C	WET/27889		
35163742004	**B72**	SM 2540C	WET/27889		
35163742005	**B73-1**	SM 2540C	WET/27889		
35163742006	**B73-2**	SM 2540C	WET/27889		
35163742007	**B75**	SM 2540C	WET/27889		
35163742008	**B59-1R**	SM 2540C	WET/27889		
35163742009	**B59-2R**	SM 2540C	WET/27889		
35163742010	**B68**	SM 2540C	WET/27889		
35163742011	**B8**	SM 2540C	WET/27889		
35163742012	**B8-2**	SM 2540C	WET/27889		
35163742003	**B71 DUP**	EPA 300.0	WETA/41544		
35163742001	**EQ Blank 11/13/14**	EPA 300.0	WETA/41322		
35163742002	**B71**	EPA 300.0	WETA/41322		
35163742003	**B71 DUP**	EPA 300.0	WETA/41322		
35163742004	**B72**	EPA 300.0	WETA/41322		
35163742005	**B73-1**	EPA 300.0	WETA/41322		
35163742006	**B73-2**	EPA 300.0	WETA/41322		
35163742007	**B75**	EPA 300.0	WETA/41322		
35163742008	**B59-1R**	EPA 300.0	WETA/41322		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi Annual S
Pace Project No.: 35163742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163742009	**B59-2R**	EPA 300.0	WETA/41322		
35163742010	**B68**	EPA 300.0	WETA/41322		
35163742011	**B8**	EPA 300.0	WETA/41425		
35163742012	**B8-2**	EPA 300.0	WETA/41322		
35163742001	**EQ Blank 11/13/14**	EPA 350.1	WETA/41259		
35163742002	**B71**	EPA 350.1	WETA/41259		
35163742003	**B71 DUP**	EPA 350.1	WETA/41259		
35163742004	**B72**	EPA 350.1	WETA/41259		
35163742005	**B73-1**	EPA 350.1	WETA/41259		
35163742006	**B73-2**	EPA 350.1	WETA/41259		
35163742007	**B75**	EPA 350.1	WETA/41259		
35163742008	**B59-1R**	EPA 350.1	WETA/41259		
35163742009	**B59-2R**	EPA 350.1	WETA/41295		
35163742010	**B68**	EPA 350.1	WETA/41295		
35163742011	**B8**	EPA 350.1	WETA/41295		
35163742012	**B8-2**	EPA 350.1	WETA/41295		
35163742001	**EQ Blank 11/13/14**	EPA 353.2	WETA/41230		
35163742002	**B71**	EPA 353.2	WETA/41230		
35163742003	**B71 DUP**	EPA 353.2	WETA/41230		
35163742004	**B72**	EPA 353.2	WETA/41230		
35163742005	**B73-1**	EPA 353.2	WETA/41230		
35163742006	**B73-2**	EPA 353.2	WETA/41230		
35163742007	**B75**	EPA 353.2	WETA/41230		
35163742008	**B59-1R**	EPA 353.2	WETA/41230		
35163742009	**B59-2R**	EPA 353.2	WETA/41230		
35163742010	**B68**	EPA 353.2	WETA/41230		
35163742011	**B8**	EPA 353.2	WETA/41230		
35163742012	**B8-2**	EPA 353.2	WETA/41230		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

WO# : 35163742

35163742

OF-CUSTODY / Analytical Request Document

ustody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

1867129

Section A Required Clien

Required Project Information:

Section C Invoice Information:

Company: Volusia County Solid Waste	Report To: MS. JENNIFER STIRK	Attention:
Address: 850 Tomoka Farms	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: TOMOKA SAMI ANNUAL S	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Section D Required Client Information

Matrix Codes MATRIX / CODE

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: TDS, Nitrate, Cl, Sulfate	300/300 Metals	Nitrogen, Ammonia	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ					11-13-14	0755		8	3	1	1	3					2	1	1	1	1		
2	B71						0836																	
3	Duplicate						0836																	
4	B72						0927																	
5	B73-1						1004																	
6	B73-2						1104																	
7	B75						1146																	
8	B59-1						1315																	
9	B59-2						1333																	
10	B68						1430																	
11	B8-1						1503																	
12	B8-2						1525		V	V	V	V	V					V	V	V	V	V		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		11-13-14	1630		11-13-14	1630

SAMPLE CONDITIONS

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

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DAVID JEE MARK C. LABRI / PACE

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 11-13-14

*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

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

1867130

Section A Required Client Information:

Company: Volusia County WATER
Address: 1990 Tomoka Farms
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ms. Jennifer Stark
Copy To:
Purchase Order No.:
Project Name: Tomoka Semi Annual S
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

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: 8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Trip Blank					11-13-14	0000		4				Y					Y		
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	[signature] / PACE	11-13-14	1630	[signature]	11-13-14	1630	3.7 T-58	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: [illegible] / MARK G. LABRIE / PACE
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11-13-14

*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 LANDFILL SEMI ANNUAL		
WELL NO: 0	SAMPLE ID: ~~B-7~~ DUP EQ	DATE: 11-13-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.60	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (21.33 feet – 6.60 feet) X 0.16 gallons/foot = 2.3568 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 DT feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: ~~1813~~	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)
1825	2.4	2.4	0.20								
1828	0.6	3.0	0.20								
1831	0.6	3.6	0.20								

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: DAVID ICE MARK GILBERTPACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0750	SAMPLING ENDED AT: 0755
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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			NITRATE Cl SO4 FAC	TOS ESP	< 400
	1	1	250	HNO_3		< 2	6010 6020		
	1	1	250	H_2SO_4		< 2	NITROGEN, NH3		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

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)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste | SITE LOCATION: Tomoka Landfill Semi Annual | DATE: 11-13-14

WELL NO: 1 | SAMPLE ID: B71 / Duplicate

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.60 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (21.33 feet – 6.60 feet) X 0.16 gallons/foot = 2.3568 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: 0813 | PURGING ENDED AT: 0831 | TOTAL VOLUME PURGED (gallons): 3.6

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)
0825	2.4	2.4	0.20	7.88	5.71	25.30	323	0.83	1.83	Yellow	None
0828	0.6	3.0	0.20	7.88	5.73	25.31	318	0.84	1.44	"	"
0831	0.6	3.6	0.20	7.88	5.75	25.39	313	0.84	1.24		

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: DAVID ICE MARK GILBERT/PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 0831 | SAMPLING ENDED AT: 0836

PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE | 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		5.75	TDS, Nitrate Cl Sulfate	ESP	< 400
	1	1	250	HNO_3		< 2	6016 6020		
	1	1	250	H_2SO_4		< 2	Nitrogen, NH3		
	2	CG	40	ICE		5.75	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS:
ORP 13.6 ORP 11.3 ORP 8.5

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	
WELL NO:	2	SAMPLE ID:	B 72	DATE: 11-13-14

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:
2	3/8		5.27	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (22.50 feet – 5.27 feet) X 0.16 gallons/foot = 3.5568 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):
10	10	0854	0922	5.60

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)
0912	3.60	3.60	0.20	7.08	6.38	26.87	572	0.84	10.25	Yellow	None
0917	1.00	4.60	0.20	7.10	6.37	26.67	562	0.72	8.50	1	1
0922	1.00	5.60	0.20	7.10	6.37	26.70	556	0.69	5.72		

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
DAVID ICE, MARK GILBERT/PACE		0922	0927

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

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		6.37	Nitrate TDS Cl Sulfate	ESP	< 400
	1	L	250	HNO3		<2	6010 6020		
	1	L	250	H2SO4		<2	Nitrogen NH3		
	2	CG	40	ICE		6.37	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP 12.8 ORP 2.2 ORP -3.5

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 ANNUAL	
WELL NO: 3	SAMPLE ID: B73-1	DATE: 11-13-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.70	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (37.20 feet − 6.70 feet) X 0.16 gallons/foot = 4.88 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: 0941	PURGING ENDED AT: 0957	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)
0951	5.00	5.00	0.50	7.27	6.38	24.40	718	0.21	1.54	CLEAR	NONE
0954	1.50	6.50	0.50	7.28	6.39	24.40	725	0.20	0.40	↓	↓
0957	1.50	8.00	0.50	7.29	6.37	24.39	729	0.21	0.89	↓	↓

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: DAVID ICE, MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0957	SAMPLING ENDED AT: 1002
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	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		6.37	TDS/NITRATE/CHLORIDE/SULFATE	ESP	< 400
	1	PE	250	HNO3		<2	6010, 6020	↓	↓
	1	PE	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.37	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -127.1 ORP -126.7 ORP -126.8

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 ANNUAL | DATE: 11-13-14

WELL NO: 4 | SAMPLE ID: B 73.2

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.74 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (20.38 feet – 5.74 feet) X 0.16 gallons/foot = 2.3424 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): 15 | PURGING INITIATED AT: ~~1008~~ 1020 | PURGING ENDED AT: 1059 | TOTAL VOLUME PURGED (gallons): 5.07

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)
1039	2.47	2.47	.130	10.41	6.25	26.20	357	0.57	9.46	Yellow	NONE
1044	0.65	3.12	.130	10.97	6.26	26.97	346	0.49	6.06		
1049	0.65	3.77	.130	11.61	6.27	27.43	345	0.46	4.43		
1054	0.65	4.42	.130	11.76	6.27	27.39	346	6.58	2.17		
1059	0.65	5.07	.130	11.80	6.26	27.30	346	6.52	2.13		

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: DAVID ICE, MARK GILBERT / PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1059 | SAMPLING ENDED AT: 1104

PUMP OR TUBING DEPTH IN WELL (feet): ~~1059~~ 15 | TUBING MATERIAL CODE: PE | 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		6.26	DISSOLVED SULFATE	ESP	< 400
	1	PE	250	HNO3		<2	6010 6020		
	1	PE	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.26	8011 EDB		
	3	CG	40	HCl		<2	8260 VOC		

REMARKS: ORP -83.9 ORP -84.0 ORP 82.2 ORP -79.5 ORP -81.4

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 Landfill Stand Baseball	
WELL NO: 5	SAMPLE ID: B 25		DATE: 11-13-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.01	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (20.60 feet – 7.01 feet) X 0.16 gallons/foot = 2.1744 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: 1125	PURGING ENDED AT: 1141	TOTAL VOLUME PURGED (gallons): 8

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)
1137	6.00	6.00	~~0.50~~ 0.25	9.04	6.10	25.25	1189	0.23	19.6	Yellow	none
1139	1.00	7.00	0.50	9.08	6.12	25.20	1191	0.31	22.0	"	"
1141	1.00	8.00	0.50	9.08	6.12	25.20	1191	0.39	22.0		

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1141	SAMPLING ENDED AT: 1146
DAVID ICE MARK GILBERT/PACE			
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	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		6.12	TDS NITRATE Cl, SULFATE	FSP	< 400
	1	1	250	HNO_3		< 2	CRO 6020		
	1	1	250	H_2SO_4		< 2	NITROGEN NH3		
	2	CG	40	ICE		6.12	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS:
ORP -83.8 ORP -94.1 ORP -103.3

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Volusia County Solid Waste	SITE LOCATION:	Tomoka Land Fill Semi Annual
WELL NO:	6	SAMPLE ID:	59-1
		DATE:	11-13-14

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	6.65	PURGE PUMP TYPE OR BAILER:	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (35.02 feet – 6.65 feet) X 0.16 gallons/foot = 4.5392 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 = 7.2 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	10	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	10	PURGING INITIATED AT:	1253	PURGING ENDED AT:	1311	TOTAL VOLUME PURGED (gallons):	7.2

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)
1305	4.80	4.80	0.40	9.23	6.39	25.92	602	0.14	7.10	Yellow	Sulfur
1308	1.26	6.06	0.40	9.23	6.39	25.92	603	0.13	4.17	"	"
1311	1.26	7.26	0.40	9.23	6.38	25.86	604	0.14	2.44	"	"

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:	David Ice, Mark Gilbert/Pace	SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:	1311	SAMPLING ENDED AT:	1315
PUMP OR TUBING DEPTH IN WELL (feet):	10	TUBING MATERIAL CODE:	PE	FIELD-FILTERED: Y N		FILTER SIZE: ___ µm	
				Filtration Equipment Type:			
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		6.38	TDS Nitrate Cl Sulfate	ESP	< 400
	1	1	250	HNO3		<2	6010 6020		
	1	1	250	H2SO4		<2	Nitrogen, NH3		
	2	CG	40	ICE		6.38	8011 EDB		
	3	CG	40	HCl		<2	8260 VOC		

REMARKS:
ORP -160.7 ORP -164.9 ORP -168.0

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

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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste	SITE LOCATION: Tomoka Landfill Semi Annual		
WELL NO: 7	SAMPLE ID: 59-2	DATE: 11-13-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.91	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (12.64 feet – 6.91 feet) X 0.16 gallons/foot = 1.2168 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: 1318	PURGING ENDED AT: 1329	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)
1325	1.80	1.80	0.30	8.26	6.36	26.12	684	0.26	17.4	Yellow	Sulfer
1327	0.60	2.40	0.30	8.26	6.32	26.10	692	0.26	15.6	2	2
1329	0.60	3.00	0.30	8.26	6.29	26.11	695	0.26	12.3		

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: David Ick, Mark Gilbert/Pace	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1329	SAMPLING ENDED AT: 1333
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	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		6.29	TDS, Nitrate, Chlorides	ESP	< 400
	1		250	HNO_3		< 2	6010, 6020		
	1		250	H_2SO_4		< 2	Nitrogen, NH3		
	2	CG	40	ICE		6.29	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:
ORP -138.5 ORP -138.9 ORP -142.0

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 Land Fill Semi Annual | DATE: 11-13-14

WELL NO: 8 | SAMPLE ID: B68

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.80 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (35.80 feet – 6.80 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): 10 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10 | PURGING INITIATED AT: 1349 | PURGING ENDED AT: 1425 | TOTAL VOLUME PURGED (gallons): 7.2

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	4.8	4.8	0.20	8.90	5.65	25.89	842	0.90	0.36	Yellow	Sulfur
1419	1.2	6.0	0.20	8.90	5.65	25.87	829	0.99	0.26	"	"
1425	1.2	7.2	0.20	8.90	5.65	25.87	821	1.14	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: David Ice MARK C. LABRIT/PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1425 | SAMPLING ENDED AT: 1430

PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE | 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		5.65	TDS Nitrate Chloride Sulfate	ESP	< 400
	1	1	250	HNO_3		< 2	6010 6020		
	1	1	250	H_2SO_4		< 2	N. Ammonia NH_3		
	2	CG	40	ICE		5.65	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS: ORP -168.3 ORP -173.3 ORP -178.1

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 220
optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste | SITE LOCATION: Tomoka Landfill Semi Annual | DATE: 11-13-14

WELL NO: 9 | SAMPLE ID: B 8-1

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 13.55 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (25.60 feet – 13.55 feet) X 0.16 gallons/foot = 1.928 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): 17 | PURGING INITIATED AT: 1450 | PURGING ENDED AT: 1458 | 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)
1454	2.00	2.00	0.50	13.58	6.17	24.85	652	0.24	0.19	Yellow	Sulfur
1456	1.00	3.00	0.50	13.58	6.20	24.75	650	0.23	4.20	1	↓
1458	1.00	4.00	0.50	13.58	6.25	24.68	649	0.22	3.94	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: David Ice Mark Gilbert/Pace | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1458 | SAMPLING ENDED AT: 1503

PUMP OR TUBING DEPTH IN WELL (feet): 17 | TUBING MATERIAL CODE: PE | 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		6.25	TDS, N, Nitrate, Cl, Sulfate	ESP	< 900
	1	1	250	HNO_3		< 2	6010 6020		
	1		250	H_2SO_4		< 2	Nitrogen NH3		
	2	CG	40	ICE		6.25	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC	↓	↓

REMARKS: ORP -144.5 ORP -151.1 ORP -165.9

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 Landfill, LLC SEM; Annual
WELL NO:	10	SAMPLE ID:	B 8-2
		DATE:	11-13-14

PURGING DATA

WELL DIAMETER (inches):	2	TUBING DIAMETER (inches):	3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	7.05	PURGE PUMP TYPE OR BAILER:	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (33.18 feet – 7.05 feet) X 0.16 gallons/foot = 4.1808 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:	1508	PURGING ENDED AT:	1520	TOTAL VOLUME PURGED (gallons):	6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1516	4.00	4.00	0.50	9.43	5.30	25.50	1366	0.65	1.15	CLEAR	SULFUR
1518	1.00	5.00	0.50	9.46	5.34	25.50	1338	0.62	0.53	↓	↓
1520	1.00	6.00	0.50	9.46	5.36	25.50	1327	0.70	0.54	↓	↓

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:	DAVID ICE MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:	1526	SAMPLING ENDED AT:	1525
PUMP OR TUBING DEPTH IN WELL (feet):	15	TUBING MATERIAL CODE:	PE	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		5.36	TDS, NITRATE, CHLORIDE	ESP	< 400
	1		250	HNO_3		< 2	6010 6020	↓	↓
	1		250	H_2SO_4		< 2	NITROGEN NH3		
	2	CG	40	ICE		5.36	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS:
ORP -156.3 ORP -153.5 ORP -154.4

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	Document Name: Sample Condition Upon Receipt Form Document No.: F-FL-C-007 rev. 06	Document Revised: August 11, 2014 Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR) Table Number:

Client Name: VOLUSIA COUNTY SOLID WASTE SEMI ANNUAL Project # 35163742

Cooler: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Trading #

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

Date and Initials of person examining contents: 11-13-14 DI 1630

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

Thermometer Used 158 Type of Ice: (Wet) Blue None

Cooler Temperature °C 3.6 (Visual) +0.1 (Correction Factor) 3.7 (Actual) 2.0

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

1.9 +0.1

Receipt of samples satisfactory: ☑ Yes ☐ No

Rush TAT requested on COC:

If ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Cha of Custody Present	☐
Cha of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volume	☐
Coect Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in conance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: Date/Time:

Coments/ Resolution (use back for additional comments):

roject Manager Review: Date:

Finished Product Information Only

F. Sample ID:

Pduction Code:

De/Time Opened:

Nber 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:

Extra Sample in Shed: Yes No

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

November 24, 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.: 35163895

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, 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.: 35163895

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35163895001	**EQ Blank 11/14/14**	Water	11/14/14 07:51	11/14/14 15:10
35163895002	**B44**	Water	11/14/14 08:23	11/14/14 15:10
35163895003	**B44 Dup**	Water	11/14/14 08:23	11/14/14 15:10
35163895004	**B43-1**	Water	11/14/14 09:08	11/14/14 15:10
35163895005	**B43-2**	Water	11/14/14 09:32	11/14/14 15:10
35163895006	**MO5-B**	Water	11/14/14 10:15	11/14/14 15:10
35163895007	**B66**	Water	11/14/14 10:54	11/14/14 15:10
35163895008	**B62-1R**	Water	11/14/14 11:40	11/14/14 15:10
35163895009	**B62-2R**	Water	11/14/14 12:08	11/14/14 15:10
35163895010	**B61R**	Water	11/14/14 13:28	11/14/14 15:10
35163895011	**B-11**	Water	11/14/14 14:07	11/14/14 15:10
35163895012	**Trip Blank 11/14/14**	Water	11/14/14 08:00	11/14/14 15:10

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35163895001	**EQ Blank 11/14/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895002	**B44**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895003	**B44 Dup**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895004	**B43-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895005	**B43-2**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895006	**MO5-B**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895007	**B66**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895008	**B62-1R**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895009	**B62-2R**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895010	**B61R**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895011	**B-11**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35163895012	**Trip Blank 11/14/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual LF
Pace Project No.: 35163895

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163895002	**B44**					
	Field pH	4.89	Std. Units		11/14/14 08:23	
	Field Temperature	23.30	deg C		11/14/14 08:23	
	Appearance	Color: Yellow, Sheen: none			11/14/14 08:23	
	Field Specific Conductance	192	umhos/cm		11/14/14 08:23	
	Oxygen, Dissolved	0.61	mg/L		11/14/14 08:23	
	REDOX	-72.3	mV		11/14/14 08:23	
	Turbidity	3.21	NTU		11/14/14 08:23	
	Water Level(NGVD)	23.25	feet		11/14/14 08:23	
EPA 6010	Barium	26.6	ug/L	10.0	11/18/14 18:12	
EPA 6010	Chromium	3.5 I	ug/L	5.0	11/18/14 18:12	
EPA 6010	Iron	11600	ug/L	40.0	11/18/14 18:12	
EPA 6010	Sodium	18.3	mg/L	1.0	11/18/14 18:12	
EPA 6010	Vanadium	8.7 I	ug/L	10.0	11/18/14 18:12	
EPA 6010	Zinc	11.6 I	ug/L	20.0	11/18/14 18:12	
SM 2540C	Total Dissolved Solids	155	mg/L	5.0	11/19/14 10:10	
EPA 300.0	Chloride	37.1	mg/L	5.0	11/20/14 02:18	J(M1)
EPA 300.0	Sulfate	12.3	mg/L	5.0	11/20/14 02:18	
EPA 350.1	Nitrogen, Ammonia	0.036 I	mg/L	0.050	11/17/14 13:40	
35163895003	**B44 Dup**					
	Field pH	4.89	Std. Units		11/14/14 08:23	
	Field Temperature	23.30	deg C		11/14/14 08:23	
	Appearance	Color: Yellow, Sheen: none			11/14/14 08:23	
	Field Specific Conductance	192	umhos/cm		11/14/14 08:23	
	Oxygen, Dissolved	0.61	mg/L		11/14/14 08:23	
	REDOX	-72.3	mV		11/14/14 08:23	
	Turbidity	3.21	NTU		11/14/14 08:23	
	Water Level(NGVD)	23.25	feet		11/14/14 08:23	
EPA 6010	Barium	26.4	ug/L	10.0	11/18/14 18:17	
EPA 6010	Chromium	3.5 I	ug/L	5.0	11/18/14 18:17	
EPA 6010	Iron	11400	ug/L	40.0	11/18/14 18:17	
EPA 6010	Sodium	18.1	mg/L	1.0	11/18/14 18:17	
EPA 6010	Vanadium	8.7 I	ug/L	10.0	11/18/14 18:17	
EPA 6010	Zinc	12.6 I	ug/L	20.0	11/18/14 18:17	
SM 2540C	Total Dissolved Solids	157	mg/L	5.0	11/19/14 10:11	
EPA 300.0	Chloride	37.3	mg/L	5.0	11/20/14 03:22	
EPA 300.0	Sulfate	12.2	mg/L	5.0	11/20/14 03:22	
35163895004	**B43-1**					
	Field pH	5.76	Std. Units		11/14/14 09:08	
	Field Temperature	23.39	deg C		11/14/14 09:08	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual LF
Pace Project No.: 35163895

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163895004	**B43-1**					
	Appearance	Color: Yellow, Sheen: none			11/14/14 09:08	
	Field Specific Conductance	751	umhos/cm		11/14/14 09:08	
	Oxygen, Dissolved	1.65	mg/L		11/14/14 09:08	
	REDOX	-144.9	mV		11/14/14 09:08	
	Turbidity	3.50	NTU		11/14/14 09:08	
	Water Level(NGVD)	22.51	feet		11/14/14 09:08	
EPA 6010	Barium	168	ug/L	10.0	11/18/14 18:21	
EPA 6010	Iron	23000	ug/L	40.0	11/18/14 18:21	
EPA 6010	Sodium	87.9	mg/L	1.0	11/18/14 18:21	
EPA 8260	Benzene	0.18 I	ug/L	1.0	11/20/14 08:23	
EPA 8260	Chlorobenzene	2.4	ug/L	1.0	11/20/14 08:23	
SM 2540C	Total Dissolved Solids	450	mg/L	5.0	11/19/14 10:11	
EPA 300.0	Chloride	93.7	mg/L	5.0	11/20/14 03:43	
EPA 300.0	Sulfate	18.8	mg/L	5.0	11/20/14 03:43	
EPA 350.1	Nitrogen, Ammonia	3.4	mg/L	0.050	11/17/14 13:53	
35163895005	**B43-2**					
	Field pH	5.99	Std. Units		11/14/14 09:32	
	Field Temperature	23.37	deg C		11/14/14 09:32	
	Appearance	Color: Yellow, Sheen: none			11/14/14 09:32	
	Field Specific Conductance	408	umhos/cm		11/14/14 09:32	
	Oxygen, Dissolved	0.83	mg/L		11/14/14 09:32	
	REDOX	136.8	mV		11/14/14 09:32	
	Turbidity	8.35	NTU		11/14/14 09:32	
	Water Level(NGVD)	22.58	feet		11/14/14 09:32	
EPA 6010	Barium	13.5	ug/L	10.0	11/18/14 18:25	
EPA 6010	Iron	3180	ug/L	40.0	11/18/14 18:25	
EPA 6010	Sodium	21.7	mg/L	1.0	11/18/14 18:25	
EPA 6010	Vanadium	9.4 I	ug/L	10.0	11/18/14 18:25	
SM 2540C	Total Dissolved Solids	268	mg/L	5.0	11/19/14 10:12	
EPA 300.0	Chloride	14.6	mg/L	5.0	11/20/14 04:05	
EPA 300.0	Sulfate	7.6	mg/L	5.0	11/20/14 04:05	
35163895006	**MO5-B**					
	Field pH	6.02	Std. Units		11/14/14 10:15	
	Field Temperature	23.53	deg C		11/14/14 10:15	
	Appearance	Color: Yellow, Sheen: none			11/14/14 10:15	
	Field Specific Conductance	1045	umhos/cm		11/14/14 10:15	
	Oxygen, Dissolved	0.63	mg/L		11/14/14 10:15	
	REDOX	-147.6	mV		11/14/14 10:15	
	Turbidity	0.09	NTU		11/14/14 10:15	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual LF
Pace Project No.: 35163895

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163895006	**MO5-B**					
	Water Level(NGVD)	19.80	feet		11/14/14 10:15	
EPA 6010	Barium	174	ug/L	10.0	11/18/14 18:41	
EPA 6010	Chromium	5.1	ug/L	5.0	11/18/14 18:41	
EPA 6010	Iron	9040	ug/L	40.0	11/18/14 18:41	
EPA 6010	Sodium	115	mg/L	1.0	11/18/14 18:41	
SM 2540C	Total Dissolved Solids	692	mg/L	5.0	11/19/14 10:12	
EPA 300.0	Chloride	101	mg/L	10.0	11/20/14 04:26	
EPA 300.0	Sulfate	52.0	mg/L	10.0	11/20/14 04:26	
EPA 350.1	Nitrogen, Ammonia	4.0	mg/L	0.050	11/17/14 14:01	
35163895007	**B66**					
	Field pH	6.58	Std. Units		11/14/14 10:54	
	Field Temperature	22.79	deg C		11/14/14 10:54	
	Appearance	Color: Yellow, Sheen: none			11/14/14 10:54	
	Field Specific Conductance	465	umhos/cm		11/14/14 10:54	
	Oxygen, Dissolved	0.23	mg/L		11/14/14 10:54	
	REDOX	-78.7	mV		11/14/14 10:54	
	Turbidity	3.00	NTU		11/14/14 10:54	
	Water Level(NGVD)	28.45	feet		11/14/14 10:54	
EPA 6010	Barium	28.9	ug/L	10.0	11/18/14 18:45	
EPA 6010	Iron	1190	ug/L	40.0	11/18/14 18:45	
EPA 6010	Sodium	21.7	mg/L	1.0	11/18/14 18:45	
SM 2540C	Total Dissolved Solids	302	mg/L	5.0	11/19/14 10:12	
EPA 300.0	Chloride	24.1	mg/L	5.0	11/20/14 04:48	
EPA 300.0	Sulfate	8.3	mg/L	5.0	11/20/14 04:48	
EPA 350.1	Nitrogen, Ammonia	0.14	mg/L	0.050	11/17/14 14:03	
35163895008	**B62-1R**					
	Field pH	6.56	Std. Units		11/14/14 11:40	
	Field Temperature	24.24	deg C		11/14/14 11:40	
	Appearance	Color: Yellow, Sheen: none			11/14/14 11:40	
	Field Specific Conductance	2138	umhos/cm		11/14/14 11:40	
	Oxygen, Dissolved	0.33	mg/L		11/14/14 11:40	
	REDOX	-207.3	mV		11/14/14 11:40	
	Turbidity	7.25	NTU		11/14/14 11:40	
	Water Level(NGVD)	27.46	feet		11/14/14 11:40	
EPA 6010	Barium	401	ug/L	10.0	11/18/14 18:49	
EPA 6010	Chromium	3.3 I	ug/L	5.0	11/18/14 18:49	
EPA 6010	Iron	19800	ug/L	40.0	11/18/14 18:49	
EPA 6010	Nickel	5.3	ug/L	5.0	11/18/14 18:49	
EPA 6010	Sodium	182	mg/L	1.0	11/18/14 18:49	
EPA 8260	Chlorobenzene	2.3	ug/L	1.0	11/20/14 10:06	
SM 2540C	Total Dissolved Solids	1180	mg/L	10.0	11/19/14 10:13	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual LF
Pace Project No.: 35163895

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163895008	**B62-1R**					
EPA 300.0	Chloride	135	mg/L	25.0	11/20/14 06:56	
EPA 300.0	Sulfate	13.5 I	mg/L	25.0	11/20/14 06:56	
EPA 350.1	Nitrogen, Ammonia	79.9	mg/L	0.50	11/18/14 12:27	
35163895009	**B62-2R**					
	Field pH	6.46	Std. Units		11/14/14 12:08	
	Field Temperature	25.09	deg C		11/14/14 12:08	
	Appearance	Color: Yellow, Sheen: none			11/14/14 12:08	
	Field Specific Conductance	1054	umhos/cm		11/14/14 12:08	
	Oxygen, Dissolved	0.20	mg/L		11/14/14 12:08	
	REDOX	-182.5	mV		11/14/14 12:08	
	Turbidity	4.38	NTU		11/14/14 12:08	
	Water Level(NGVD)	27.62	feet		11/14/14 12:08	
EPA 6010	Barium	95.0	ug/L	10.0	11/18/14 18:54	
EPA 6010	Chromium	2.5 I	ug/L	5.0	11/18/14 18:54	
EPA 6010	Iron	11700	ug/L	40.0	11/18/14 18:54	
EPA 6010	Sodium	26.8	mg/L	1.0	11/18/14 18:54	
EPA 6010	Vanadium	5.8 I	ug/L	10.0	11/18/14 18:54	
EPA 8260	Chlorobenzene	1.1	ug/L	1.0	11/20/14 10:31	
SM 2540C	Total Dissolved Solids	481	mg/L	5.0	11/19/14 10:13	
EPA 300.0	Chloride	18.7	mg/L	10.0	11/20/14 07:17	
EPA 350.1	Nitrogen, Ammonia	10.8	mg/L	0.050	11/17/14 14:08	
35163895010	**B61R**					
	Field pH	6.30	Std. Units		11/14/14 13:28	
	Field Temperature	27.50	deg C		11/14/14 13:28	
	Appearance	Color: Yellow, Sheen: none			11/14/14 13:28	
	Field Specific Conductance	847	umhos/cm		11/14/14 13:28	
	Oxygen, Dissolved	0.41	mg/L		11/14/14 13:28	
	REDOX	-120.5	mV		11/14/14 13:28	
	Turbidity	3.95	NTU		11/14/14 13:28	
	Water Level(NGVD)	27.54	feet		11/14/14 13:28	
EPA 6010	Barium	112	ug/L	10.0	11/19/14 21:52	
EPA 6010	Chromium	14.7	ug/L	5.0	11/19/14 21:52	
EPA 6010	Copper	10.1	ug/L	5.0	11/19/14 21:52	
EPA 6010	Iron	14500	ug/L	40.0	11/19/14 21:52	
EPA 6010	Nickel	8.5	ug/L	5.0	11/19/14 21:52	
EPA 6010	Sodium	20.4	mg/L	1.0	11/19/14 21:52	
EPA 8260	Chlorobenzene	0.71 I	ug/L	1.0	11/20/14 10:55	
SM 2540C	Total Dissolved Solids	660	mg/L	5.0	11/19/14 10:14	
EPA 300.0	Chloride	17.9	mg/L	10.0	11/20/14 07:39	
EPA 350.1	Nitrogen, Ammonia	14.2	mg/L	0.050	11/17/14 14:10	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual LF
Pace Project No.: 35163895

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35163895011	**B-11**					
	Field pH	5.11	Std. Units		11/14/14 14:07	
	Field Temperature	26.30	deg C		11/14/14 14:07	
	Appearance	Color: Yellow, Sheen: none			11/14/14 14:07	
	Field Specific Conductance	205	umhos/cm		11/14/14 14:07	
	Oxygen, Dissolved	0.28	mg/L		11/14/14 14:07	
	REDOX	-151.0	mV		11/14/14 14:07	
	Turbidity	2.03	NTU		11/14/14 14:07	
	Water Level(NGVD)	27.73	feet		11/14/14 14:07	
EPA 6010	Barium	56.3	ug/L	10.0	11/19/14 22:05	
EPA 6010	Chromium	3.6 I	ug/L	5.0	11/19/14 22:05	
EPA 6010	Iron	2660	ug/L	40.0	11/19/14 22:05	
EPA 6010	Sodium	9.7	mg/L	1.0	11/19/14 22:05	
EPA 6010	Vanadium	15.0	ug/L	10.0	11/19/14 22:05	
SM 2540C	Total Dissolved Solids	523	mg/L	5.0	11/19/14 10:16	
EPA 300.0	Chloride	19.8	mg/L	5.0	11/20/14 08:00	
EPA 300.0	Sulfate	19.1	mg/L	5.0	11/20/14 08:00	
EPA 350.1	Nitrogen, Ammonia	0.76	mg/L	0.050	11/18/14 12:29	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: EQ Blank 11/14/14 **Lab ID: 35163895001** Collected: 11/14/14 07:51 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 09:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 13:00	11/18/14 09:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:08	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:08	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:08	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:08	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:08	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:08	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:08	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:08	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:08	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:08	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:08	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:08	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:08	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:08	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:08	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 22:58	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 22:58	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:16	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 06:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 06:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 06:16	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 06:16	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 06:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: EQ Blank 11/14/14 **Lab ID: 35163895001** Collected: 11/14/14 07:51 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 06:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 06:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 06:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 06:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 06:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 06:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/20/14 06:16	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 06:16	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/20/14 06:16	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/19/14 10:10		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/20/14 01:56	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 01:56	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/17/14 13:38	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 10:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B44 **Lab ID: 35163895002** Collected: 11/14/14 08:23 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**4.89**	Std. Units			1		11/14/14 08:23		
Field Temperature	**23.30**	deg C			1		11/14/14 08:23		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 08:23		
Field Specific Conductance	**192**	umhos/cm			1		11/14/14 08:23		
Oxygen, Dissolved	**0.61**	mg/L			1		11/14/14 08:23	7782-44-7	
REDOX	**-72.3**	mV			1		11/14/14 08:23		
Turbidity	**3.21**	NTU			1		11/14/14 08:23		
Water Level(NGVD)	**23.25**	feet			1		11/14/14 08:23		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 09:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 13:00	11/18/14 09:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:12	7440-38-2	
Barium	**26.6**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:12	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:12	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:12	7440-43-9	
Chromium	**3.5 I**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:12	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:12	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:12	7440-50-8	
Iron	**11600**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:12	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:12	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:12	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:12	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:12	7440-22-4	
Sodium	**18.3**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:12	7440-23-5	
Vanadium	**8.7 I**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:12	7440-62-2	
Zinc	**11.6 I**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:12	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:18	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 07:08	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:08	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 07:08	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 07:08	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B44 **Lab ID: 35163895002** Collected: 11/14/14 08:23 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:08	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:08	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 07:08	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 07:08	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:08	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 07:08	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 07:08	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:08	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 07:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:08	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 07:08	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 07:08	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 07:08	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		11/20/14 07:08	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 07:08	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		11/20/14 07:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B44 **Lab ID: 35163895002** Collected: 11/14/14 08:23 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**155**	mg/L	5.0	5.0	1		11/19/14 10:10		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**37.1**	mg/L	5.0	2.5	1		11/20/14 02:18	16887-00-6	J(M1)
Sulfate	**12.3**	mg/L	5.0	2.5	1		11/20/14 02:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.036 I**	mg/L	0.050	0.020	1		11/17/14 13:40	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 10:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B44 Dup **Lab ID: 35163895003** Collected: 11/14/14 08:23 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**4.89**	Std. Units			1		11/14/14 08:23		
Field Temperature	**23.30**	deg C			1		11/14/14 08:23		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 08:23		
Field Specific Conductance	**192**	umhos/cm			1		11/14/14 08:23		
Oxygen, Dissolved	**0.61**	mg/L			1		11/14/14 08:23	7782-44-7	
REDOX	**-72.3**	mV			1		11/14/14 08:23		
Turbidity	**3.21**	NTU			1		11/14/14 08:23		
Water Level(NGVD)	**23.25**	feet			1		11/14/14 08:23		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 09:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.0099	0.0062	1	11/17/14 13:00	11/18/14 09:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:17	7440-38-2	
Barium	**26.4**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:17	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:17	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:17	7440-43-9	
Chromium	**3.5 I**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:17	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:17	7440-50-8	
Iron	**11400**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:17	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:17	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:17	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:17	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:17	7440-22-4	
Sodium	**18.1**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:17	7440-23-5	
Vanadium	**8.7 I**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:17	7440-62-2	
Zinc	**12.6 I**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:01	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:20	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 07:58	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:58	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 07:58	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 07:58	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B44 Dup **Lab ID: 35163895003** Collected: 11/14/14 08:23 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:58	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:58	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 07:58	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 07:58	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:58	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 07:58	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 07:58	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:58	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 07:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 07:58	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 07:58	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 07:58	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 07:58	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 07:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/20/14 07:58	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/20/14 07:58	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 07:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B44 Dup **Lab ID: 35163895003** Collected: 11/14/14 08:23 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**157**	mg/L	5.0	5.0	1		11/19/14 10:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**37.3**	mg/L	5.0	2.5	1		11/20/14 03:22	16887-00-6	
Sulfate	**12.2**	mg/L	5.0	2.5	1		11/20/14 03:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/17/14 13:51	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 10:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B43-1 **Lab ID: 35163895004** Collected: 11/14/14 09:08 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.76**	Std. Units			1		11/14/14 09:08		
Field Temperature	**23.39**	deg C			1		11/14/14 09:08		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 09:08		
Field Specific Conductance	**751**	umhos/cm			1		11/14/14 09:08		
Oxygen, Dissolved	**1.65**	mg/L			1		11/14/14 09:08	7782-44-7	
REDOX	**-144.9**	mV			1		11/14/14 09:08		
Turbidity	**3.50**	NTU			1		11/14/14 09:08		
Water Level(NGVD)	**22.51**	feet			1		11/14/14 09:08		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 10:02	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 13:00	11/18/14 10:02	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:21	7440-38-2	
Barium	**168**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:21	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:21	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:21	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:21	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:21	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:21	7440-50-8	
Iron	**23000**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:21	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:21	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:21	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:21	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:21	7440-22-4	
Sodium	**87.9**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:21	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:21	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:21	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:03	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:03	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 08:23	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:23	107-13-1	
Benzene	**0.18 I**	ug/L	1.0	0.10	1		11/20/14 08:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 08:23	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B43-1 **Lab ID: 35163895004** Collected: 11/14/14 09:08 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:23	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	56-23-5	
Chlorobenzene	**2.4**	ug/L	1.0	0.50	1		11/20/14 08:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 08:23	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 08:23	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:23	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 08:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 08:23	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 08:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:23	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 08:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 08:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 08:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 08:23	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/20/14 08:23	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 08:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B43-1 **Lab ID: 35163895004** Collected: 11/14/14 09:08 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**450**	mg/L	5.0	5.0	1		11/19/14 10:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**93.7**	mg/L	5.0	2.5	1		11/20/14 03:43	16887-00-6	
Sulfate	**18.8**	mg/L	5.0	2.5	1		11/20/14 03:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**3.4**	mg/L	0.050	0.020	1		11/17/14 13:53	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 10:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B43-2 **Lab ID: 35163895005** Collected: 11/14/14 09:32 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.99**	Std. Units			1		11/14/14 09:32		
Field Temperature	**23.37**	deg C			1		11/14/14 09:32		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 09:32		
Field Specific Conductance	**408**	umhos/cm			1		11/14/14 09:32		
Oxygen, Dissolved	**0.83**	mg/L			1		11/14/14 09:32	7782-44-7	
REDOX	**136.8**	mV			1		11/14/14 09:32		
Turbidity	**8.35**	NTU			1		11/14/14 09:32		
Water Level(NGVD)	**22.58**	feet			1		11/14/14 09:32		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	11/17/14 13:00	11/18/14 10:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	11/17/14 13:00	11/18/14 10:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:25	7440-38-2	
Barium	**13.5**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:25	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:25	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:25	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:25	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:25	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:25	7440-50-8	
Iron	**3180**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:25	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:25	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:25	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:25	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:25	7440-22-4	
Sodium	**21.7**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:25	7440-23-5	
Vanadium	**9.4 I**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:25	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:25	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 08:48	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:48	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 08:48	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 08:48	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B43-2 **Lab ID: 35163895005** Collected: 11/14/14 09:32 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:48	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:48	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 08:48	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 08:48	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:48	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 08:48	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 08:48	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:48	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 08:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 08:48	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 08:48	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 08:48	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 08:48	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 08:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/20/14 08:48	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/20/14 08:48	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/20/14 08:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B43-2 **Lab ID: 35163895005** Collected: 11/14/14 09:32 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**268**	mg/L	5.0	5.0	1		11/19/14 10:12		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**14.6**	mg/L	5.0	2.5	1		11/20/14 04:05	16887-00-6	
Sulfate	**7.6**	mg/L	5.0	2.5	1		11/20/14 04:05	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/17/14 13:59	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: MO5-B **Lab ID: 35163895006** Collected: 11/14/14 10:15 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.02**	Std. Units			1		11/14/14 10:15		
Field Temperature	**23.53**	deg C			1		11/14/14 10:15		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 10:15		
Field Specific Conductance	**1045**	umhos/cm			1		11/14/14 10:15		
Oxygen, Dissolved	**0.63**	mg/L			1		11/14/14 10:15	7782-44-7	
REDOX	**-147.6**	mV			1		11/14/14 10:15		
Turbidity	**0.09**	NTU			1		11/14/14 10:15		
Water Level(NGVD)	**19.80**	feet			1		11/14/14 10:15		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.021	0.0050	1	11/17/14 13:00	11/18/14 10:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/17/14 13:00	11/18/14 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	11/16/14 16:55	11/18/14 18:41	7440-38-2	
Barium	**174**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:41	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:41	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:41	7440-43-9	
Chromium	**5.1**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:41	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:41	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:41	7440-50-8	
Iron	**9040**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:41	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:41	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:41	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:41	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:41	7440-22-4	
Sodium	**115**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:41	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:41	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:41	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:31	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 09:17	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:17	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 09:17	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 09:17	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: MO5-B **Lab ID: 35163895006** Collected: 11/14/14 10:15 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:17	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:17	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 09:17	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 09:17	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:17	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 09:17	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 09:17	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:17	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 09:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:17	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 09:17	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 09:17	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 09:17	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/20/14 09:17	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	86-125		1		11/20/14 09:17	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 09:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: MO5-B **Lab ID: 35163895006** Collected: 11/14/14 10:15 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**692**	mg/L	5.0	5.0	1		11/19/14 10:12		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**101**	mg/L	10.0	5.0	2		11/20/14 04:26	16887-00-6	
Sulfate	**52.0**	mg/L	10.0	5.0	2		11/20/14 04:26	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**4.0**	mg/L	0.050	0.020	1		11/17/14 14:01	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 11:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B66 **Lab ID: 35163895007** Collected: 11/14/14 10:54 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.58**	Std. Units			1		11/14/14 10:54		
Field Temperature	**22.79**	deg C			1		11/14/14 10:54		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 10:54		
Field Specific Conductance	**465**	umhos/cm			1		11/14/14 10:54		
Oxygen, Dissolved	**0.23**	mg/L			1		11/14/14 10:54	7782-44-7	
REDOX	**-78.7**	mV			1		11/14/14 10:54		
Turbidity	**3.00**	NTU			1		11/14/14 10:54		
Water Level(NGVD)	**28.45**	feet			1		11/14/14 10:54		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 11:02	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 13:00	11/18/14 11:02	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:45	7440-38-2	
Barium	**28.9**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:45	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:45	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:45	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:45	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:45	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:45	7440-50-8	
Iron	**1190**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:45	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:45	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:45	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:45	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:45	7440-22-4	
Sodium	**21.7**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:45	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:45	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:45	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:13	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:13	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:33	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 09:42	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:42	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 09:42	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 09:42	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B66 **Lab ID: 35163895007** Collected: 11/14/14 10:54 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:42	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:42	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 09:42	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 09:42	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:42	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 09:42	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 09:42	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:42	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 09:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 09:42	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 09:42	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 09:42	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 09:42	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 09:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/20/14 09:42	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	86-125		1		11/20/14 09:42	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/20/14 09:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B66 **Lab ID: 35163895007** Collected: 11/14/14 10:54 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**302**	mg/L	5.0	5.0	1		11/19/14 10:12		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**24.1**	mg/L	5.0	2.5	1		11/20/14 04:48	16887-00-6	
Sulfate	**8.3**	mg/L	5.0	2.5	1		11/20/14 04:48	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.14**	mg/L	0.050	0.020	1		11/17/14 14:03	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 11:04		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B62-1R **Lab ID: 35163895008** Collected: 11/14/14 11:40 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.56**	Std. Units			1		11/14/14 11:40		
Field Temperature	**24.24**	deg C			1		11/14/14 11:40		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 11:40		
Field Specific Conductance	**2138**	umhos/cm			1		11/14/14 11:40		
Oxygen, Dissolved	**0.33**	mg/L			1		11/14/14 11:40	7782-44-7	
REDOX	**-207.3**	mV			1		11/14/14 11:40		
Turbidity	**7.25**	NTU			1		11/14/14 11:40		
Water Level(NGVD)	**27.46**	feet			1		11/14/14 11:40		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 11:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 13:00	11/18/14 11:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:49	7440-38-2	
Barium	**401**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:49	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:49	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:49	7440-43-9	
Chromium	**3.3 I**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:49	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:49	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:49	7440-50-8	
Iron	**19800**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:49	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:49	7439-92-1	
Nickel	**5.3**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:49	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:49	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:49	7440-22-4	
Sodium	**182**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:49	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:49	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:49	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:36	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 10:06	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:06	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 10:06	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 10:06	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B62-1R **Lab ID: 35163895008** Collected: 11/14/14 11:40 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:06	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:06	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	56-23-5	
Chlorobenzene	**2.3**	ug/L	1.0	0.50	1		11/20/14 10:06	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 10:06	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 10:06	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:06	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 10:06	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 10:06	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:06	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 10:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:06	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 10:06	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 10:06	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 10:06	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/20/14 10:06	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/20/14 10:06	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/20/14 10:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B62-1R **Lab ID: 35163895008** Collected: 11/14/14 11:40 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1180**	mg/L	10.0	10.0	1		11/19/14 10:13		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**135**	mg/L	25.0	12.5	5		11/20/14 06:56	16887-00-6	
Sulfate	**13.5 I**	mg/L	25.0	12.5	5		11/20/14 06:56	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**79.9**	mg/L	0.50	0.20	10		11/18/14 12:27	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 11:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B62-2R **Lab ID: 35163895009** Collected: 11/14/14 12:08 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.46**	Std. Units			1		11/14/14 12:08		
Field Temperature	**25.09**	deg C			1		11/14/14 12:08		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 12:08		
Field Specific Conductance	**1054**	umhos/cm			1		11/14/14 12:08		
Oxygen, Dissolved	**0.20**	mg/L			1		11/14/14 12:08	7782-44-7	
REDOX	**-182.5**	mV			1		11/14/14 12:08		
Turbidity	**4.38**	NTU			1		11/14/14 12:08		
Water Level(NGVD)	**27.62**	feet			1		11/14/14 12:08		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	11/17/14 13:00	11/18/14 11:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	11/17/14 13:00	11/18/14 11:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:54	7440-38-2	
Barium	**95.0**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:54	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:54	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:54	7440-43-9	
Chromium	**2.5 I**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:54	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:54	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:54	7440-50-8	
Iron	**11700**	ug/L	40.0	20.0	1	11/16/14 16:55	11/18/14 18:54	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:54	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:54	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/18/14 18:54	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/18/14 18:54	7440-22-4	
Sodium	**26.8**	mg/L	1.0	0.50	1	11/16/14 16:55	11/18/14 18:54	7440-23-5	
Vanadium	**5.8 I**	ug/L	10.0	5.0	1	11/16/14 16:55	11/18/14 18:54	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/18/14 18:54	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:16	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:16	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:38	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 10:31	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:31	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 10:31	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 10:31	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B62-2R **Lab ID: 35163895009** Collected: 11/14/14 12:08 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:31	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:31	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	56-23-5	
Chlorobenzene	**1.1**	ug/L	1.0	0.50	1		11/20/14 10:31	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 10:31	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 10:31	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:31	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 10:31	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 10:31	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:31	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 10:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:31	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 10:31	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 10:31	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 10:31	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 10:31	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/20/14 10:31	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/20/14 10:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B62-2R **Lab ID: 35163895009** Collected: 11/14/14 12:08 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**481**	mg/L	5.0	5.0	1		11/19/14 10:13		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**18.7**	mg/L	10.0	5.0	2		11/20/14 07:17	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		11/20/14 07:17	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**10.8**	mg/L	0.050	0.020	1		11/17/14 14:08	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 11:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B61R **Lab ID: 35163895010** Collected: 11/14/14 13:28 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.30**	Std. Units			1		11/14/14 13:28		
Field Temperature	**27.50**	deg C			1		11/14/14 13:28		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 13:28		
Field Specific Conductance	**847**	umhos/cm			1		11/14/14 13:28		
Oxygen, Dissolved	**0.41**	mg/L			1		11/14/14 13:28	7782-44-7	
REDOX	**-120.5**	mV			1		11/14/14 13:28		
Turbidity	**3.95**	NTU			1		11/14/14 13:28		
Water Level(NGVD)	**27.54**	feet			1		11/14/14 13:28		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0049U**	ug/L	0.020	0.0049	1	11/17/14 13:00	11/18/14 11:47	96-12-8	
1,2-Dibromoethane (EDB)	**0.0062U**	ug/L	0.010	0.0062	1	11/17/14 13:00	11/18/14 11:47	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 21:52	7440-38-2	
Barium	**112**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 21:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/19/14 21:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/19/14 21:52	7440-43-9	
Chromium	**14.7**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 21:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 21:52	7440-48-4	
Copper	**10.1**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 21:52	7440-50-8	
Iron	**14500**	ug/L	40.0	20.0	1	11/16/14 16:55	11/19/14 21:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 21:52	7439-92-1	
Nickel	**8.5**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 21:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/19/14 21:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 21:52	7440-22-4	
Sodium	**20.4**	mg/L	1.0	0.50	1	11/16/14 16:55	11/19/14 21:52	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 21:52	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/19/14 21:52	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:36	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/17/14 23:36	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/20/14 13:17	11/21/14 11:44	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 10:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:55	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 10:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 10:55	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B61R **Lab ID: 35163895010** Collected: 11/14/14 13:28 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:55	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	56-23-5	
Chlorobenzene	**0.71 I**	ug/L	1.0	0.50	1		11/20/14 10:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 10:55	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 10:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 10:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 10:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 10:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 10:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 10:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 10:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 10:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 10:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 10:55	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/20/14 10:55	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/20/14 10:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B61R **Lab ID: 35163895010** Collected: 11/14/14 13:28 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**660**	mg/L	5.0	5.0	1		11/19/14 10:14		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**17.9**	mg/L	10.0	5.0	2		11/20/14 07:39	16887-00-6	
Sulfate	**5.0U**	mg/L	10.0	5.0	2		11/20/14 07:39	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**14.2**	mg/L	0.050	0.020	1		11/17/14 14:10	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 11:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B-11 **Lab ID: 35163895011** Collected: 11/14/14 14:07 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.11**	Std. Units			1		11/14/14 14:07		
Field Temperature	**26.30**	deg C			1		11/14/14 14:07		
Appearance	**Color: Yellow, Sheen: none**				1		11/14/14 14:07		
Field Specific Conductance	**205**	umhos/cm			1		11/14/14 14:07		
Oxygen, Dissolved	**0.28**	mg/L			1		11/14/14 14:07	7782-44-7	
REDOX	**-151.0**	mV			1		11/14/14 14:07		
Turbidity	**2.03**	NTU			1		11/14/14 14:07		
Water Level(NGVD)	**27.73**	feet			1		11/14/14 14:07		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	11/17/14 13:00	11/18/14 12:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	11/17/14 13:00	11/18/14 12:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 22:05	7440-38-2	
Barium	**56.3**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 22:05	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/19/14 22:05	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/19/14 22:05	7440-43-9	
Chromium	**3.6 I**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 22:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 22:05	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 22:05	7440-50-8	
Iron	**2660**	ug/L	40.0	20.0	1	11/16/14 16:55	11/19/14 22:05	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 22:05	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 22:05	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/16/14 16:55	11/19/14 22:05	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/16/14 16:55	11/19/14 22:05	7440-22-4	
Sodium	**9.7**	mg/L	1.0	0.50	1	11/16/14 16:55	11/19/14 22:05	7440-23-5	
Vanadium	**15.0**	ug/L	10.0	5.0	1	11/16/14 16:55	11/19/14 22:05	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/16/14 16:55	11/19/14 22:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 13:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/16/14 16:55	11/18/14 13:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/21/14 12:51	11/24/14 13:25	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 11:19	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 11:19	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 11:19	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 11:19	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B-11 **Lab ID: 35163895011** Collected: 11/14/14 14:07 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 11:19	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 11:19	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 11:19	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 11:19	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 11:19	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 11:19	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 11:19	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 11:19	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 11:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 11:19	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 11:19	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 11:19	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 11:19	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 11:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/20/14 11:19	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	86-125		1		11/20/14 11:19	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/20/14 11:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: B-11 **Lab ID: 35163895011** Collected: 11/14/14 14:07 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**523**	mg/L	5.0	5.0	1		11/19/14 10:16		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**19.8**	mg/L	5.0	2.5	1		11/20/14 08:00	16887-00-6	
Sulfate	**19.1**	mg/L	5.0	2.5	1		11/20/14 08:00	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.76**	mg/L	0.050	0.020	1		11/18/14 12:29	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/15/14 11:25		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: Trip Blank 11/14/14 **Lab ID: 35163895012** Collected: 11/14/14 08:00 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 06:42	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:42	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 06:42	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 06:42	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:42	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:42	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 06:42	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/20/14 06:42	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 06:42	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:42	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 06:42	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 06:42	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:42	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 06:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 06:42	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 06:42	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 06:42	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 06:42	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Sample: Trip Blank 11/14/14 **Lab ID: 35163895012** Collected: 11/14/14 08:00 Received: 11/14/14 15:10 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 06:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 06:42	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 06:42	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/20/14 06:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MERP/5124 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010

METHOD BLANK: 1062343 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/21/14 10:44	

LABORATORY CONTROL SAMPLE: 1062344

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062751 1062752

Parameter	Units	35163895009 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	94	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MERP/5127
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 35163895011

METHOD BLANK: 1063566 Matrix: Water
Associated Lab Samples: 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/24/14 12:46	

LABORATORY CONTROL SAMPLE: 1063567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063568 1063569

Parameter	Units	35164549010 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	94	96	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MPRP/21529 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009

METHOD BLANK: 1058730 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/18/14 16:21	
Barium	ug/L	5.0U	10.0	11/18/14 16:21	
Beryllium	ug/L	0.50U	1.0	11/18/14 16:21	
Cadmium	ug/L	0.50U	1.0	11/18/14 16:21	
Chromium	ug/L	2.5U	5.0	11/18/14 16:21	
Cobalt	ug/L	5.0U	10.0	11/18/14 16:21	
Copper	ug/L	2.5U	5.0	11/18/14 16:21	
Iron	ug/L	20.0U	40.0	11/18/14 16:21	
Lead	ug/L	5.0U	10.0	11/18/14 16:21	
Nickel	ug/L	2.5U	5.0	11/18/14 16:21	
Selenium	ug/L	7.5U	15.0	11/18/14 16:21	
Silver	ug/L	2.5U	5.0	11/18/14 16:21	
Sodium	mg/L	0.50U	1.0	11/18/14 16:21	
Vanadium	ug/L	5.0U	10.0	11/18/14 16:21	
Zinc	ug/L	10.0U	20.0	11/18/14 16:21	

LABORATORY CONTROL SAMPLE: 1058731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	247	99	80-120	
Barium	ug/L	250	254	102	80-120	
Beryllium	ug/L	25	26.1	105	80-120	
Cadmium	ug/L	25	26.1	104	80-120	
Chromium	ug/L	250	254	102	80-120	
Cobalt	ug/L	250	260	104	80-120	
Copper	ug/L	250	248	99	80-120	
Iron	ug/L	2500	2550	102	80-120	
Lead	ug/L	250	264	106	80-120	
Nickel	ug/L	250	264	106	80-120	
Selenium	ug/L	250	258	103	80-120	
Silver	ug/L	25	24.8	99	80-120	
Sodium	mg/L	12.5	12.8	102	80-120	
Vanadium	ug/L	250	253	101	80-120	
Zinc	ug/L	1250	1290	103	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058732 1058733

Parameter	Units	35163441001 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	252	102	100	75-125	1	20	
Barium	ug/L	8.9 I	250	250	266	264	103	102	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	26.3	26.1	105	105	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	26.0	25.9	104	103	75-125	1	20	
Chromium	ug/L	2.5U	250	250	260	260	103	103	75-125	0	20	
Cobalt	ug/L	5.0U	250	250	263	260	105	104	75-125	1	20	
Copper	ug/L	2.5U	250	250	257	254	102	101	75-125	1	20	
Iron	ug/L	421	2500	2500	2980	2940	102	101	75-125	1	20	
Lead	ug/L	5.0U	250	250	262	261	105	104	75-125	0	20	
Nickel	ug/L	2.5U	250	250	265	262	105	104	75-125	1	20	
Selenium	ug/L	7.5U	250	250	258	257	103	103	75-125	0	20	
Silver	ug/L	2.5U	25	25	24.9	24.7	99	98	75-125	1	20	
Sodium	mg/L	96.7	12.5	12.5	112	110	122	111	75-125	1	20	
Vanadium	ug/L	20.6	250	250	279	277	103	103	75-125	1	20	
Zinc	ug/L	10.0U	1250	1250	1320	1300	105	104	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MPRP/21531
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 35163895010, 35163895011

METHOD BLANK: 1058738
Matrix: Water
Associated Lab Samples: 35163895010, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/19/14 21:44	
Barium	ug/L	5.0U	10.0	11/19/14 21:44	
Beryllium	ug/L	0.50U	1.0	11/19/14 21:44	
Cadmium	ug/L	0.50U	1.0	11/19/14 21:44	
Chromium	ug/L	2.5U	5.0	11/19/14 21:44	
Cobalt	ug/L	5.0U	10.0	11/19/14 21:44	
Copper	ug/L	2.5U	5.0	11/19/14 21:44	
Iron	ug/L	20.0U	40.0	11/19/14 21:44	
Lead	ug/L	5.0U	10.0	11/19/14 21:44	
Nickel	ug/L	2.5U	5.0	11/19/14 21:44	
Selenium	ug/L	7.5U	15.0	11/19/14 21:44	
Silver	ug/L	2.5U	5.0	11/19/14 21:44	
Sodium	mg/L	0.50U	1.0	11/19/14 21:44	
Vanadium	ug/L	5.0U	10.0	11/19/14 21:44	
Zinc	ug/L	10.0U	20.0	11/19/14 21:44	

LABORATORY CONTROL SAMPLE: 1058739

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	235	94	80-120	
Barium	ug/L	250	243	97	80-120	
Beryllium	ug/L	25	25.8	103	80-120	
Cadmium	ug/L	25	24.8	99	80-120	
Chromium	ug/L	250	248	99	80-120	
Cobalt	ug/L	250	248	99	80-120	
Copper	ug/L	250	244	98	80-120	
Iron	ug/L	2500	2400	96	80-120	
Lead	ug/L	250	250	100	80-120	
Nickel	ug/L	250	252	101	80-120	
Selenium	ug/L	250	238	95	80-120	
Silver	ug/L	25	25.2	101	80-120	
Sodium	mg/L	12.5	12.3	98	80-120	
Vanadium	ug/L	250	245	98	80-120	
Zinc	ug/L	1250	1210	97	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058740 1058741

Parameter	Units	35163895010 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	236	235	94	94	75-125	0	20	
Barium	ug/L	112	250	250	363	364	100	101	75-125	0	20	
Beryllium	ug/L	0.50U	25	25	24.5	24.6	98	98	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	23.7	23.8	95	95	75-125	1	20	
Chromium	ug/L	14.7	250	250	253	255	95	96	75-125	1	20	
Cobalt	ug/L	5.0U	250	250	240	243	95	96	75-125	1	20	
Copper	ug/L	10.1	250	250	253	254	97	98	75-125	0	20	
Iron	ug/L	14500	2500	2500	16900	17200	94	106	75-125	2	20	
Lead	ug/L	5.0U	250	250	237	238	95	95	75-125	0	20	
Nickel	ug/L	8.5	250	250	252	254	97	98	75-125	1	20	
Selenium	ug/L	7.5U	250	250	231	232	92	93	75-125	0	20	
Silver	ug/L	2.5U	25	25	25.2	25.2	96	96	75-125	0	20	
Sodium	mg/L	20.4	12.5	12.5	33.0	33.4	100	104	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	240	243	95	96	75-125	1	20	
Zinc	ug/L	10.0U	1250	1250	1180	1200	94	95	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MPRP/21530 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009

METHOD BLANK: 1058734 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/17/14 22:19	
Thallium	ug/L	0.50U	1.0	11/17/14 22:19	

LABORATORY CONTROL SAMPLE: 1058735

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.3	95	80-120	
Thallium	ug/L	50	49.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058736 1058737

Parameter	Units	35163441002 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	45.7	46.4	91	93	75-125	1	20	
Thallium	ug/L	0.50U	50	50	52.0	52.3	104	105	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MPRP/21532 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35163895010, 35163895011

METHOD BLANK: 1058742 Matrix: Water
Associated Lab Samples: 35163895010, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/18/14 13:01	
Thallium	ug/L	0.50U	1.0	11/18/14 13:01	

LABORATORY CONTROL SAMPLE: 1058743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.7	97	80-120	
Thallium	ug/L	50	50.2	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058744 1058745

Parameter	Units	35163895011 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	48.4	49.4	97	99	75-125	2	20	
Thallium	ug/L	0.50U	50	50	51.3	51.1	102	102	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: MSV/13303 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011, 35163895012

METHOD BLANK: 1061406 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011, 35163895012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/20/14 04:09	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/20/14 04:09	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/20/14 04:09	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/20/14 04:09	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/20/14 04:09	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/20/14 04:09	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/20/14 04:09	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/20/14 04:09	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/20/14 04:09	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/20/14 04:09	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/20/14 04:09	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/20/14 04:09	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/20/14 04:09	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/20/14 04:09	
2-Hexanone	ug/L	5.0U	10.0	11/20/14 04:09	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/20/14 04:09	
Acetone	ug/L	10.0U	20.0	11/20/14 04:09	
Acrylonitrile	ug/L	5.0U	10.0	11/20/14 04:09	
Benzene	ug/L	0.10U	1.0	11/20/14 04:09	
Bromochloromethane	ug/L	0.50U	1.0	11/20/14 04:09	
Bromodichloromethane	ug/L	0.27U	0.60	11/20/14 04:09	
Bromoform	ug/L	0.50U	1.0	11/20/14 04:09	
Bromomethane	ug/L	0.50U	1.0	11/20/14 04:09	
Carbon disulfide	ug/L	5.0U	10.0	11/20/14 04:09	
Carbon tetrachloride	ug/L	0.50U	1.0	11/20/14 04:09	
Chlorobenzene	ug/L	0.50U	1.0	11/20/14 04:09	
Chloroethane	ug/L	0.50U	1.0	11/20/14 04:09	
Chloroform	ug/L	0.50U	1.0	11/20/14 04:09	
Chloromethane	ug/L	0.62U	1.0	11/20/14 04:09	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/20/14 04:09	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/20/14 04:09	
Dibromochloromethane	ug/L	0.26U	0.50	11/20/14 04:09	
Dibromomethane	ug/L	0.50U	1.0	11/20/14 04:09	
Ethylbenzene	ug/L	0.50U	1.0	11/20/14 04:09	
Iodomethane	ug/L	0.50U	1.0	11/20/14 04:09	
Methylene Chloride	ug/L	2.5U	5.0	11/20/14 04:09	
Styrene	ug/L	0.50U	1.0	11/20/14 04:09	
Tetrachloroethene	ug/L	0.50U	1.0	11/20/14 04:09	
Toluene	ug/L	0.50U	1.0	11/20/14 04:09	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/20/14 04:09	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

METHOD BLANK: 1061406 Matrix: Water

Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011, 35163895012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/20/14 04:09	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/20/14 04:09	
Trichloroethene	ug/L	0.50U	1.0	11/20/14 04:09	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/20/14 04:09	
Vinyl acetate	ug/L	1.0U	2.0	11/20/14 04:09	
Vinyl chloride	ug/L	0.50U	1.0	11/20/14 04:09	
Xylene (Total)	ug/L	0.50U	1.0	11/20/14 04:09	
1,2-Dichloroethane-d4 (S)	%	105	86-125	11/20/14 04:09	
4-Bromofluorobenzene (S)	%	94	70-114	11/20/14 04:09	
Toluene-d8 (S)	%	105	87-113	11/20/14 04:09	

LABORATORY CONTROL SAMPLE: 1061407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.7	104	70-130	
1,1,1-Trichloroethane	ug/L	20	20.4	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.7	99	70-130	
1,1,2-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1-Dichloroethane	ug/L	20	20.2	101	70-130	
1,1-Dichloroethene	ug/L	20	20.4	102	70-130	
1,2,3-Trichloropropane	ug/L	20	22.6	113	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.0	95	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.4	97	70-130	
1,2-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,2-Dichloroethane	ug/L	20	20.8	104	70-130	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2-Butanone (MEK)	ug/L	40	38.1	95	55-167	
2-Hexanone	ug/L	40	37.9	95	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.9	100	70-130	
Acetone	ug/L	40	36.3	91	40-150	
Acrylonitrile	ug/L	200	178	89	70-130	
Benzene	ug/L	20	19.7	99	70-130	
Bromochloromethane	ug/L	20	21.5	108	70-130	
Bromodichloromethane	ug/L	20	20.4	102	70-130	
Bromoform	ug/L	20	19.1	95	68-130	
Bromomethane	ug/L	20	17.8	89	38-179	
Carbon disulfide	ug/L	20	19.1	96	51-155	
Carbon tetrachloride	ug/L	20	20.5	102	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	21.0	105	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	14.9	74	68-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

LABORATORY CONTROL SAMPLE: 1061407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	20.4	102	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.5	98	70-130	
Dibromochloromethane	ug/L	20	20.6	103	70-130	
Dibromomethane	ug/L	20	19.9	99	70-130	
Ethylbenzene	ug/L	20	20.1	101	70-130	
Iodomethane	ug/L	40	16.3	41	43-160	J(L0)
Methylene Chloride	ug/L	20	20.1	100	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	19.4	97	66-133	
Toluene	ug/L	20	19.6	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.5	102	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.5	98	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	15.9	79	65-130	
Trichloroethene	ug/L	20	20.8	104	70-130	
Trichlorofluoromethane	ug/L	20	19.8	99	70-131	
Vinyl acetate	ug/L	20	18.8	94	69-135	
Vinyl chloride	ug/L	20	18.7	94	69-140	
Xylene (Total)	ug/L	60	61.4	102	70-130	
1,2-Dichloroethane-d4 (S)	%			109	86-125	
4-Bromofluorobenzene (S)	%			101	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 1063765

Parameter	Units	35163895003 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	23.1	115	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	19.8	99	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	20.0	100	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	21.3	107	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	24.3	121	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	14.6	73	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	19.5	98	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20.1	101	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.3	96	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	21.9	109	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	20.1	101	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.3	97	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	35.8	90	48-138	
2-Hexanone	ug/L	5.0U	40	41.6	104	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	44.9	112	28-143	
Acetone	ug/L	10.0U	40	47.5	109	20-140	
Acrylonitrile	ug/L	5.0U	200	189	94	46-130	
Benzene	ug/L	0.10U	20	21.5	108	53-132	
Bromochloromethane	ug/L	0.50U	20	21.7	108	54-132	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

MATRIX SPIKE SAMPLE: 1063765

Parameter	Units	35163895003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	21.1	106	46-130	
Bromoform	ug/L	0.50U	20	19.4	97	32-130	
Bromomethane	ug/L	0.50U	20	14.0	70	20-152	
Carbon disulfide	ug/L	5.0U	20	24.2	120	28-184	
Carbon tetrachloride	ug/L	0.50U	20	24.6	123	37-137	
Chlorobenzene	ug/L	0.50U	20	21.0	105	46-130	
Chloroethane	ug/L	0.50U	20	23.5	117	48-159	
Chloroform	ug/L	0.50U	20	21.8	109	51-130	
Chloromethane	ug/L	0.62U	20	13.1	65	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	21.7	108	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.1	95	45-130	
Dibromochloromethane	ug/L	0.26U	20	21.0	105	43-130	
Dibromomethane	ug/L	0.50U	20	20.7	104	50-130	
Ethylbenzene	ug/L	0.50U	20	20.9	104	43-130	
Iodomethane	ug/L	0.50U	40	15.2	38	20-169	
Methylene Chloride	ug/L	2.5U	20	21.1	105	51-135	
Styrene	ug/L	0.50U	20	19.7	98	40-130	
Tetrachloroethene	ug/L	0.50U	20	21.4	107	26-130	
Toluene	ug/L	0.50U	20	20.4	102	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	22.0	110	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	18.7	94	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	14.1	71	20-139	
Trichloroethene	ug/L	0.50U	20	22.4	112	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	28.3	142	46-146	
Vinyl acetate	ug/L	1.0U	20	15.2	76	20-165	
Vinyl chloride	ug/L	0.50U	20	23.1	116	57-142	
Xylene (Total)	ug/L	0.50U	60	62.7	105	42-130	
1,2-Dichloroethane-d4 (S)	%				110	86-125	
4-Bromofluorobenzene (S)	%				102	70-114	
Toluene-d8 (S)	%				103	87-113	

SAMPLE DUPLICATE: 1063764

Parameter	Units	35163895002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

SAMPLE DUPLICATE: 1063764

Parameter	Units	35163895002 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)	%	110	108	2		
4-Bromofluorobenzene (S)	%	100	98	2		
Toluene-d8 (S)	%	106	104	2		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: OEXT/19708 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

METHOD BLANK: 1058831 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/18/14 06:02	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/18/14 06:02	

LABORATORY CONTROL SAMPLE: 1058832

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	103	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	107	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1058833 1058834

Parameter	Units	35163441002 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	0.0049U	.44	.44	0.49	0.51	111	116	60-140	4	40	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	.44	.44	0.49	0.52	111	119	60-140	7	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: WET/27912 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

METHOD BLANK: 1060695 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/19/14 10:09	

LABORATORY CONTROL SAMPLE: 1060696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	291	97	90-110	

SAMPLE DUPLICATE: 1060697

Parameter	Units	35164208004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	316	300	5	20	

SAMPLE DUPLICATE: 1060698

Parameter	Units	35164208005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	374	365	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: WETA/41379 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

METHOD BLANK: 1061209 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/20/14 00:09	
Sulfate	mg/L	2.5U	5.0	11/20/14 00:09	

LABORATORY CONTROL SAMPLE: 1061210

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.8	100	90-110	
Sulfate	mg/L	50	49.0	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061211 1061212

Parameter	Units	35163895002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	37.1	50	50	93.5	93.4	113	113	90-110	0	20	J(M1)
Sulfate	mg/L	12.3	50	50	64.1	64.2	104	104	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061213 1061214

Parameter	Units	35163895011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	19.8	50	50	72.4	72.5	105	105	90-110	0	20	
Sulfate	mg/L	19.1	50	50	70.2	70.2	102	102	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: WETA/41296 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895009, 35163895010

METHOD BLANK: 1058947 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005, 35163895006, 35163895007, 35163895009, 35163895010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/17/14 13:11	

LABORATORY CONTROL SAMPLE: 1058948

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.92	92	90-110	

MATRIX SPIKE SAMPLE: 1058950

Parameter	Units	35163960001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	60.9	10	69.4	85	90-110	M6

SAMPLE DUPLICATE: 1058949

Parameter	Units	35163960001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	60.9	60.8	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: WETA/41332 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35163895008, 35163895011

METHOD BLANK: 1060038 Matrix: Water
Associated Lab Samples: 35163895008, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/18/14 11:52	

LABORATORY CONTROL SAMPLE: 1060039

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

MATRIX SPIKE SAMPLE: 1060041

Parameter	Units	35164200001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1.0	1	2.0	94	90-110	

SAMPLE DUPLICATE: 1060040

Parameter	Units	35164200001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	1.0	1.0	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: WETA/41256 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005

METHOD BLANK: 1058305 Matrix: Water
Associated Lab Samples: 35163895001, 35163895002, 35163895003, 35163895004, 35163895005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/15/14 10:17	

SAMPLE DUPLICATE: 1058307

Parameter	Units	35163875001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.40	0.39	2		

SAMPLE DUPLICATE: 1058309

Parameter	Units	35163952001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.033 I	0.045 I			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

QC Batch: WETA/41257 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

METHOD BLANK: 1058315 Matrix: Water
Associated Lab Samples: 35163895006, 35163895007, 35163895008, 35163895009, 35163895010, 35163895011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/15/14 10:56	

SAMPLE DUPLICATE: 1058317

Parameter	Units	35163951004 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1058319

Parameter	Units	35163959001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi-Annual LF
Pace Project No.: 35163895

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.

PQL - Practical Quantitation 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(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.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163895002	**B44**		FLD/		
35163895003	**B44 Dup**		FLD/		
35163895004	**B43-1**		FLD/		
35163895005	**B43-2**		FLD/		
35163895006	**MO5-B**		FLD/		
35163895007	**B66**		FLD/		
35163895008	**B62-1R**		FLD/		
35163895009	**B62-2R**		FLD/		
35163895010	**B61R**		FLD/		
35163895011	**B-11**		FLD/		
35163895001	**EQ Blank 11/14/14**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895002	**B44**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895003	**B44 Dup**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895004	**B43-1**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895005	**B43-2**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895006	**MO5-B**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895007	**B66**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895008	**B62-1R**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895009	**B62-2R**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895010	**B61R**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895011	**B-11**	EPA 8011	OEXT/19708	EPA 8011	GCSV/12948
35163895001	**EQ Blank 11/14/14**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895002	**B44**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895003	**B44 Dup**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895004	**B43-1**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895005	**B43-2**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895006	**MO5-B**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895007	**B66**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895008	**B62-1R**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895009	**B62-2R**	EPA 3010	MPRP/21529	EPA 6010	ICP/13187
35163895010	**B61R**	EPA 3010	MPRP/21531	EPA 6010	ICP/13182
35163895011	**B-11**	EPA 3010	MPRP/21531	EPA 6010	ICP/13182
35163895001	**EQ Blank 11/14/14**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895002	**B44**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895003	**B44 Dup**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895004	**B43-1**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895005	**B43-2**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895006	**MO5-B**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895007	**B66**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895008	**B62-1R**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895009	**B62-2R**	EPA 3010	MPRP/21530	EPA 6020	ICPM/8806
35163895010	**B61R**	EPA 3010	MPRP/21532	EPA 6020	ICPM/8802
35163895011	**B-11**	EPA 3010	MPRP/21532	EPA 6020	ICPM/8802
35163895001	**EQ Blank 11/14/14**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895002	**B44**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895003	**B44 Dup**	EPA 7470	MERP/5124	EPA 7470	MERC/5117

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163895004	**B43-1**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895005	**B43-2**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895006	**MO5-B**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895007	**B66**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895008	**B62-1R**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895009	**B62-2R**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895010	**B61R**	EPA 7470	MERP/5124	EPA 7470	MERC/5117
35163895011	**B-11**	EPA 7470	MERP/5127	EPA 7470	MERC/5122
35163895001	**EQ Blank 11/14/14**	EPA 8260	MSV/13303		
35163895002	**B44**	EPA 8260	MSV/13303		
35163895003	**B44 Dup**	EPA 8260	MSV/13303		
35163895004	**B43-1**	EPA 8260	MSV/13303		
35163895005	**B43-2**	EPA 8260	MSV/13303		
35163895006	**MO5-B**	EPA 8260	MSV/13303		
35163895007	**B66**	EPA 8260	MSV/13303		
35163895008	**B62-1R**	EPA 8260	MSV/13303		
35163895009	**B62-2R**	EPA 8260	MSV/13303		
35163895010	**B61R**	EPA 8260	MSV/13303		
35163895011	**B-11**	EPA 8260	MSV/13303		
35163895012	**Trip Blank 11/14/14**	EPA 8260	MSV/13303		
35163895001	**EQ Blank 11/14/14**	SM 2540C	WET/27912		
35163895002	**B44**	SM 2540C	WET/27912		
35163895003	**B44 Dup**	SM 2540C	WET/27912		
35163895004	**B43-1**	SM 2540C	WET/27912		
35163895005	**B43-2**	SM 2540C	WET/27912		
35163895006	**MO5-B**	SM 2540C	WET/27912		
35163895007	**B66**	SM 2540C	WET/27912		
35163895008	**B62-1R**	SM 2540C	WET/27912		
35163895009	**B62-2R**	SM 2540C	WET/27912		
35163895010	**B61R**	SM 2540C	WET/27912		
35163895011	**B-11**	SM 2540C	WET/27912		
35163895001	**EQ Blank 11/14/14**	EPA 300.0	WETA/41379		
35163895002	**B44**	EPA 300.0	WETA/41379		
35163895003	**B44 Dup**	EPA 300.0	WETA/41379		
35163895004	**B43-1**	EPA 300.0	WETA/41379		
35163895005	**B43-2**	EPA 300.0	WETA/41379		
35163895006	**MO5-B**	EPA 300.0	WETA/41379		
35163895007	**B66**	EPA 300.0	WETA/41379		
35163895008	**B62-1R**	EPA 300.0	WETA/41379		
35163895009	**B62-2R**	EPA 300.0	WETA/41379		
35163895010	**B61R**	EPA 300.0	WETA/41379		
35163895011	**B-11**	EPA 300.0	WETA/41379		
35163895001	**EQ Blank 11/14/14**	EPA 350.1	WETA/41296		
35163895002	**B44**	EPA 350.1	WETA/41296		
35163895003	**B44 Dup**	EPA 350.1	WETA/41296		
35163895004	**B43-1**	EPA 350.1	WETA/41296		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35163895

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35163895005	**B43-2**	EPA 350.1	WETA/41296		
35163895006	**MO5-B**	EPA 350.1	WETA/41296		
35163895007	**B66**	EPA 350.1	WETA/41296		
35163895008	**B62-1R**	EPA 350.1	WETA/41332		
35163895009	**B62-2R**	EPA 350.1	WETA/41296		
35163895010	**B61R**	EPA 350.1	WETA/41296		
35163895011	**B-11**	EPA 350.1	WETA/41332		
35163895001	**EQ Blank 11/14/14**	EPA 353.2	WETA/41256		
35163895002	**B44**	EPA 353.2	WETA/41256		
35163895003	**B44 Dup**	EPA 353.2	WETA/41256		
35163895004	**B43-1**	EPA 353.2	WETA/41256		
35163895005	**B43-2**	EPA 353.2	WETA/41256		
35163895006	**MO5-B**	EPA 353.2	WETA/41257		
35163895007	**B66**	EPA 353.2	WETA/41257		
35163895008	**B62-1R**	EPA 353.2	WETA/41257		
35163895009	**B62-2R**	EPA 353.2	WETA/41257		
35163895010	**B61R**	EPA 353.2	WETA/41257		
35163895011	**B-11**	EPA 353.2	WETA/41257		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

WO# : 35163895

35163895

Page: 1 of 1

1867131

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:	

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	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	Y/N	Analysis Test: TDS, NITRATE	CL, SULFATE	6010, 6020 Hg METAL	WINKLER AMMONIA (NH3)	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	WT	G			11-14-14	0751		8	3	1	1	3						X	X	X	X	X	X		
2	B44						0823			3	1	1	3														
3	DUPLICATE						0823																				
4	B43-1						0908																				
5	B43-2						0932																				
6	MO5-B						1015																				
7	B66						1054																				
8	B62-1R						1140																				
9	B62-2R						1208																				
10	B61						1326																				
11	B11						1407																				
12	TRIP BLANKS	WT	G			11-14-14	—		2				2												X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	MGilbert/PACE	11-14-14	1510		11/14/14	1510	1.9 4 2 4
						1530	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARY GILBERT

SIGNATURE of SAMPLER: MGilbert

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

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 ANNUAL	
WELL NO: O	SAMPLE ID: EQ	DATE: 1/14/14

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: ESP

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):	SAMPLING INITIATED AT: 0747	SAMPLING ENDED AT: 0751
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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			TDS, NITRATE, SULFATE, CL	ESP	< 400
	1	PE	250	HNO3		<2	GOLD, LOW Hg METH		
	1	PE	250	H2SO4		<2	NITROGEN, AMMONIA		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

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 ANNUAL
WELL NO: 1 | SAMPLE ID: B 44/DUPLICATE | DATE: 11-14-16

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 6.78 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (14.65 feet – 6.78 feet) X 0.16 gallons/foot = 1.2592 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: 0803 | PURGING ENDED AT: 0813 | TOTAL VOLUME PURGED (gallons): 2.50

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)
0809	1.50	1.50	0.25	7.85	4.90	23.17	187	0.61	5.22	YELLOW	SULFER
0811	0.50	2.00	↓	7.85	4.90	23.25	189	0.57	4.04	↓	↓
0813	0.50	2.50	↓	7.85	4.89	23.30	192	0.61	3.21	↓	↓

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT/PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 0813 | SAMPLING ENDED AT: 0823
PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE | 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		4.89	TDS, NITRATE, CL, SULFATE	ESP	< 400
	1	PE	250	HNO3		<2	6010, 6020	↓	↓
	1	PE	250	H2SO4		<2	NITROGEN, (NH3)		
	2	CG	40	ICE		4.89	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS: ORP -53.2 ORP -65.5 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 MANUAL

WELL NO: 2 | SAMPLE ID: B43-1 | DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.58 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (20.70 feet – 5.58 feet) X 0.16 gallons/foot = 3.6992 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: 0841 | PURGING ENDED AT: 0904 | 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 µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0856	3.75	3.75	0.25	6.42	5.77	23.38	727	1.40	6.32	YELLOW	SULFUR
0900	1.00	4.75	↓	6.44	5.77	23.39	742	1.51	4.43	↓	↓
0904	1.00	5.75	↓	6.45	5.76	23.39	751	1.65	3.56	↓	↓

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): | SAMPLING INITIATED AT: 0904 | SAMPLING ENDED AT: 0908

PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE | 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		5.76	NITRATE NITRITE CHLORIDE SULFATE	ESP	<400
	1	PE	250	HNO3		<2	6010, 6020	↓	↓
	1	PE	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		5.76	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -127.3 ORP -141.3 ORP -144.9

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 SEMI ANNUAL	
WELL NO: 3	SAMPLE ID: B43.2	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 5.65	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (14.75 feet – 5.65 feet) X 0.16 gallons/foot = 1.456 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: 0915	PURGING ENDED AT: 0927	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)
0923	1.60	1.60	0.20	6.55	6.00	23.24	413	0.92	11.6	YELLOW	SULFUR
0925	0.40	2.00	0.20	6.61	5.99	23.30	411	0.83	9.47	↓	↓
0927	0.40	2.40	0.20	6.66	5.99	23.37	408	0.83	8.35	↓	↓

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):	SAMPLING INITIATED AT: 0927	SAMPLING ENDED AT: 0932
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	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		6.66	TDS, CHLORIDE, SULFATE	ESP	< 400
	1	PE	250	HNO3		<2	TOTAL CORD	↓	↓
	1	PE	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.66	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -138.6 ORP 137.3 ORP 136.8

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 ANNUAL	
WELL NO: 4	SAMPLE ID: MO5-B	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 10.00	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (35.85 feet − 10.00 feet) X 0.16 gallons/foot = 4.136 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): 13	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 13	PURGING INITIATED AT: 0953	PURGING ENDED AT: 1011	TOTAL VOLUME PURGED (gallons): 6.30

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/l or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1005	4.20	4.20	0.35	10.21	6.01	23.53	1034	0.56	1.28	YELLOW	SULFUR
1008	1.05	5.25	↓	10.21	6.02	23.53	1040	0.62	0.35	↓	↓
1011	1.05	6.30	↓	10.21	6.02	23.53	1045	0.63	0.09	↓	↓

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):	SAMPLING INITIATED AT: 1011	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 13	TUBING MATERIAL CODE: PE	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		6.02	TDS, NITRATE, SULFATE	ESP	<400
	1	PE	250	HNO3		<2	6010 6020	↓	↓
	1	PE	250	H2SO4		<2	AMMONIA NH3		
	2	CG	40	ICE		6.02	BOD CBOD		
	3	CG	40	HCL		<2	8260 VOC	↓	↓

REMARKS:
ORP -133.6 ORP -142.5 ORP -147.6

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 ANNUAL	
WELL NO: 5	SAMPLE ID: B66	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.51	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (17.09 feet – 3.51 feet) X 0.16 gallons/foot = 2.1728 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: 1041	PURGING ENDED AT: 1050	TOTAL VOLUME PURGED (gallons): 4.50

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)
1046	2.50	2.50	0.50	5.60	6.60	22.75	464	0.27	7.36	YELLOW	SULFUR
1048	1.00	3.50	"	5.63	6.58	22.82	464	0.24	6.68	"	"
1050	1.00	4.50	"	5.65	6.58	22.79	465	0.23	3.00	"	"

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):	SAMPLING INITIATED AT: 1050	SAMPLING ENDED AT: 1054
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	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		6.58	TDS, NITRATE, CL, SULFATE	ESP	< 400
	1	"	250	HNO3		< 2	6010, 6020	"	"
	1	"	250	H2SO4		< 2	NITROGEN, NH3	"	"
	2	CG	40	ICE		6.58	8011 EDB	"	"
	3	CG	40	HCL		< 2	8260 VOC	"	"

REMARKS:
ORP -39.1 ORP -59.8 ORP -76.7

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 ANNUAL	
WELL NO: 6	SAMPLE ID: B62-12	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 11.51	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (38.00 feet – 11.51 feet) X 0.16 gallons/foot = 4.2512 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): 16	PURGING INITIATED AT: 1114	PURGING ENDED AT: 1135	TOTAL VOLUME PURGED (gallons): 14.25

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)
1120	4.50	4.50	0.75	12.85	6.54	24.16	2050	0.47	12.0	YELLOW	SULFUR
1122	1.50	6.00		12.87	6.54	24.19	2062	0.39	25.5		
1124	1.50	7.50		12.89	6.53	24.25	2082	0.36	24.4		
1129	3.75	11.25		12.94	6.55	24.25	2125	0.53	11.50		
1131	1.50	12.75		12.93	6.56	24.24	2129	0.48	9.34		
1135	1.50	14.25		12.94	6.56	24.24	2138	0.33	7.25		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./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):	SAMPLING INITIATED AT: 1135	SAMPLING ENDED AT: 1140
PUMP OR TUBING DEPTH IN WELL (feet): 16	TUBING MATERIAL CODE: PE	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		6.56	300.0 NITRATE, CL, SULFATE	ESP	< 400
	1	↓	250	HNO3		<2	6010, 6020		
	1		250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE	6.56	~~SAME~~	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC	↓	↓

REMARKS:
ORP -180.1 ORP -183.4 ORP -188.1 ORP -195.4 ORP -201.3 ORP -207.3

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 ANNUAL	
WELL NO: 7	SAMPLE ID: B62-2R	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 11.74	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (22.0) feet – 11.74 feet) X 0.16 gallons/foot = 1.6528 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: 1154	PURGING ENDED AT: 1203	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)
1154	2.00	2.00	0.40	14.10	6.45	25.15	1055	0.22	5.28	YELLOW	SULFUR
1201	0.80	2.80	1	14.14	6.45	25.16	1054	0.21	3.90	1	1
1203	0.80	3.60	1	14.19	6.46	25.09	1054	0.20	4.38	1	1

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARC GILBERT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1203	SAMPLING ENDED AT: 1208
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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		6.46	TOTAL ALKALINITY, SULFATE	ESP	< 400
	1	PE	250	HNO3		<2	6010, 6020		
	1	PE	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.46	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -182.7 ORP -182.7 ORP -182.5

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 ANNUAL	
WELL NO: 8	SAMPLE ID: B61	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 11.88	PURGE PUMP TYPE OR BAILER: ESP

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

= (28.67 feet – 11.88 feet) X 0.16 gallons/foot = 2.6992 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: 1255	PURGING ENDED AT: 1321	TOTAL VOLUME PURGED (gallons): 3.90

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)
1313	2.70	2.70	0.15	13.61	6.29	27.45	843	0.25	5.70	YELLOW	SULFUR
1317	0.60	3.30	0.15	13.65	6.31	27.42	848	0.52	4.23	"	"
1321	0.60	3.90	0.15	13.74	6.30	27.50	847	0.41	3.95	"	"

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):	SAMPLING INITIATED AT: 1321	SAMPLING ENDED AT: 1328
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					
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		6.30	TOC, MANGANESE, CHLORIDE, SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020		
	1	↓	250	H2SO4		<2	NITROGEN NH3		
	2	CG	40	ICE		6.30	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC	↓	↓

REMARKS:

ORP -123.6 ORP -121.4 ORP -120.5

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 ANNUAL	
WELL NO: 9	SAMPLE ID: B11	DATE: 11-14-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 5.22	PURGE PUMP TYPE OR BAILER: ESP

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

= (16.79 feet – 5.22 feet) X 0.16 gallons/foot = 1.8512 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: 1353	PURGING ENDED AT: 1402	TOTAL VOLUME PURGED (gallons): 3.375

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)
1358	1.875	1.875	0.375	6.30	5.20	26.28	216	0.29	2.12	YELLOW	SULFUR
1400	0.75	2.625	0.375	6.30	5.13	26.30	210	0.29	2.62		
1402	0.75	3.375	0.375	6.30	5.11	26.30	205	0.28	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./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):	SAMPLING INITIATED AT: 1402	SAMPLING ENDED AT: 1407
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	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		5.11	TDS NITRATE, CL, SULFATE	ESP	<400
	1	PE	250	HNO3		<2	6010, 6020		
	1	PE	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		5.11	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS: ORP -137.5 ORP -143.9 ORP -151.0

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	Document Name: Sample Condition Upon Receipt Form	Document Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: JOHNSTON COUNTY SOLID WASTE Project # 35163895

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

Trading # _____

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

Date and Initials of person examining contents: 11/19/19 1510

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

Thermometer Used T58 Type of Ice: Wet Blue None

Cooler Temperature °C 1.8 (Visual) +0.1 (Correction Factor) 1.9 (Actual)

0.9 +0.1 1.0

(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 ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Cha of Custody Present	☐
Cha of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volumé	☐
Coect Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in cordance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID: _____

Pduction Code: _____

De/Time Opened: _____

Nnber 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

November 26, 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.: 35164208

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, 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.: 35164208

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35164208001	**EQ Blank 11/17/14**	Water	11/17/14 10:36	11/17/14 15:55
35164208002	**B35-1**	Water	11/17/14 11:11	11/17/14 15:55
35164208003	**B35-1 Dup**	Water	11/17/14 11:11	11/17/14 15:55
35164208004	**B35-2**	Water	11/17/14 11:30	11/17/14 15:55
35164208005	**B63-1**	Water	11/17/14 12:10	11/17/14 15:55
35164208006	**B63-2**	Water	11/17/14 12:34	11/17/14 15:55
35164208007	**FA-1B**	Water	11/17/14 13:50	11/17/14 15:55
35164208008	**B34-1**	Water	11/17/14 14:18	11/17/14 15:55
35164208009	**B34-2**	Water	11/17/14 14:44	11/17/14 15:55
35164208010	**Trip Blank 11/17/14**	Water	11/17/14 00:00	11/17/14 15:55

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35164208001	**EQ Blank 11/17/14**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208002	**B35-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208003	**B35-1 Dup**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208004	**B35-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC, KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208005	**B63-1**	EPA 8011	IRL	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208006	**B63-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208007	**FA-1B**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208008	**B34-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC, KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208009	**B34-2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	CKJ	15	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC, KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35164208010	**Trip Blank 11/17/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164208

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164208002	**B35-1**					
	Field pH	5.35	Std. Units		11/17/14 11:11	
	Field Temperature	23.18	deg C		11/17/14 11:11	
	Appearance	Color: Yellow, Sheen: none			11/17/14 11:11	
	Field Specific Conductance	324	umhos/cm		11/17/14 11:11	
	Oxygen, Dissolved	0.50	mg/L		11/17/14 11:11	
	REDOX	-106.5	mV		11/17/14 11:11	
	Turbidity	10.27	NTU		11/17/14 11:11	
	Water Level(NGVD)	28.36	feet		11/17/14 11:11	
EPA 6010	Barium	96.6	ug/L	10.0	11/21/14 12:15	
EPA 6010	Iron	11000	ug/L	40.0	11/21/14 12:15	
EPA 6010	Sodium	27.2	mg/L	1.0	11/21/14 12:15	
SM 2540C	Total Dissolved Solids	100	mg/L	5.0	11/19/14 10:17	
EPA 300.0	Chloride	66.5	mg/L	5.0	11/20/14 21:37	
EPA 350.1	Nitrogen, Ammonia	0.15	mg/L	0.050	11/19/14 19:34	
35164208003	**B35-1 Dup**					
	Field pH	5.35	Std. Units		11/17/14 11:11	
	Field Temperature	23.18	deg C		11/17/14 11:11	
	Appearance	Color: Yellow, Sheen: none			11/17/14 11:11	
	Field Specific Conductance	324	umhos/cm		11/17/14 11:11	
	Oxygen, Dissolved	0.50	mg/L		11/17/14 11:11	
	REDOX	-106.5	mV		11/17/14 11:11	
	Turbidity	10.27	NTU		11/17/14 11:11	
	Water Level(NGVD)	28.36	feet		11/17/14 11:11	
EPA 6010	Barium	96.1	ug/L	10.0	11/21/14 12:27	
EPA 6010	Iron	11000	ug/L	40.0	11/21/14 12:27	
EPA 6010	Sodium	27.5	mg/L	1.0	11/21/14 12:27	
SM 2540C	Total Dissolved Solids	500	mg/L	5.0	11/19/14 10:17	
EPA 300.0	Chloride	66.6	mg/L	5.0	11/20/14 21:59	
EPA 350.1	Nitrogen, Ammonia	0.15	mg/L	0.050	11/19/14 19:37	
35164208004	**B35-2**					
	Field pH	4.90	Std. Units		11/17/14 11:30	
	Field Temperature	23.50	deg C		11/17/14 11:30	
	Appearance	Color: Yellow, Sheen: none			11/17/14 11:30	
	Field Specific Conductance	405	umhos/cm		11/17/14 11:30	
	Oxygen, Dissolved	0.51	mg/L		11/17/14 11:30	
	REDOX	-139.8	mV		11/17/14 11:30	
	Turbidity	2.19	NTU		11/17/14 11:30	
	Water Level(NGVD)	28.43	feet		11/17/14 11:30	
EPA 6010	Barium	69.3	ug/L	10.0	11/21/14 12:55	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164208

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164208004	**B35-2**					
EPA 6010	Chromium	7.1	ug/L	5.0	11/21/14 12:55	
EPA 6010	Iron	9340	ug/L	40.0	11/21/14 12:55	
EPA 6010	Sodium	63.6	mg/L	1.0	11/21/14 12:55	
EPA 6010	Vanadium	10.9	ug/L	10.0	11/21/14 12:55	
SM 2540C	Total Dissolved Solids	316	mg/L	5.0	11/19/14 10:17	
EPA 300.0	Chloride	102	mg/L	10.0	11/22/14 06:45	
EPA 350.1	Nitrogen, Ammonia	1.0	mg/L	0.050	11/19/14 19:39	
35164208005	**B63-1**					
	Field pH	6.35	Std. Units		11/17/14 12:10	
	Field Temperature	24.20	deg C		11/17/14 12:10	
	Appearance	Color: Yellow, Sheen: none			11/17/14 12:10	
	Field Specific Conductance	467	umhos/cm		11/17/14 12:10	
	Oxygen, Dissolved	0.26	mg/L		11/17/14 12:10	
	REDOX	-155.2	mV		11/17/14 12:10	
	Turbidity	13.90	NTU		11/17/14 12:10	
	Water Level(NGVD)	28.05	feet		11/17/14 12:10	
EPA 6010	Barium	43.6	ug/L	10.0	11/21/14 13:00	
EPA 6010	Iron	2310	ug/L	40.0	11/21/14 13:00	
EPA 6010	Sodium	52.4	mg/L	1.0	11/21/14 13:00	
SM 2540C	Total Dissolved Solids	374	mg/L	5.0	11/19/14 10:18	
EPA 300.0	Chloride	30.8	mg/L	5.0	11/20/14 22:43	
EPA 350.1	Nitrogen, Ammonia	0.13	mg/L	0.050	11/19/14 19:41	
35164208006	**B63-2**					
	Field pH	6.35	Std. Units		11/17/14 12:34	
	Field Temperature	23.90	deg C		11/17/14 12:34	
	Appearance	Color: Yellow, Sheen: none			11/17/14 12:34	
	Field Specific Conductance	858	umhos/cm		11/17/14 12:34	
	Oxygen, Dissolved	0.37	mg/L		11/17/14 12:34	
	REDOX	-175.4	mV		11/17/14 12:34	
	Turbidity	11.70	NTU		11/17/14 12:34	
	Water Level(NGVD)	28.10	feet		11/17/14 12:34	
EPA 6010	Barium	68.5	ug/L	10.0	11/21/14 13:04	
EPA 6010	Iron	18600	ug/L	40.0	11/21/14 13:04	
EPA 6010	Sodium	53.9	mg/L	1.0	11/21/14 13:04	
SM 2540C	Total Dissolved Solids	549	mg/L	5.0	11/22/14 05:48	
EPA 300.0	Chloride	74.9	mg/L	5.0	11/20/14 23:05	
EPA 350.1	Nitrogen, Ammonia	0.28	mg/L	0.050	11/19/14 19:43	
35164208007	**FA-1B**					
	Field pH	6.69	Std. Units		11/17/14 13:50	
	Field Temperature	22.64	deg C		11/17/14 13:50	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164208

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164208007	**FA-1B**					
	Appearance	Color: none, Sheen: none			11/17/14 13:50	
	Field Specific Conductance	515	umhos/cm		11/17/14 13:50	
	Oxygen, Dissolved	0.21	mg/L		11/17/14 13:50	
	REDOX	-209.1	mV		11/17/14 13:50	
	Turbidity	0.07	NTU		11/17/14 13:50	
	Water Level(NGVD)	19.07	feet		11/17/14 13:50	
EPA 6010	Barium	21.1	ug/L	10.0	11/25/14 14:45	
EPA 6010	Chromium	4.6 I	ug/L	5.0	11/25/14 14:45	
EPA 6010	Iron	324	ug/L	40.0	11/25/14 14:45	
EPA 6010	Sodium	9.5	mg/L	1.0	11/25/14 14:45	
SM 2540C	Total Dissolved Solids	339	mg/L	5.0	11/22/14 05:48	
EPA 300.0	Chloride	13.0	mg/L	5.0	11/20/14 23:26	
EPA 350.1	Nitrogen, Ammonia	0.33	mg/L	0.050	11/19/14 19:45	
35164208008	**B34-1**					
	Field pH	6.34	Std. Units		11/17/14 14:18	
	Field Temperature	23.34	deg C		11/17/14 14:18	
	Appearance	Color:Yellow, Sheen: none			11/17/14 14:18	
	Field Specific Conductance	1167	umhos/cm		11/17/14 14:18	
	Oxygen, Dissolved	0.43	mg/L		11/17/14 14:18	
	REDOX	-181.3	mV		11/17/14 14:18	
	Turbidity	0.39	NTU		11/17/14 14:18	
	Water Level(NGVD)	27.89	feet		11/17/14 14:18	
EPA 6010	Barium	159	ug/L	10.0	11/21/14 13:12	
EPA 6010	Iron	33400	ug/L	40.0	11/21/14 13:12	
EPA 6010	Sodium	43.4	mg/L	1.0	11/21/14 13:12	
SM 2540C	Total Dissolved Solids	802	mg/L	10.0	11/22/14 05:49	
EPA 300.0	Chloride	51.6	mg/L	5.0	11/20/14 23:48	
EPA 300.0	Sulfate	211	mg/L	50.0	11/22/14 07:06	
EPA 350.1	Nitrogen, Ammonia	0.17	mg/L	0.050	11/19/14 19:51	
35164208009	**B34-2**					
	Field pH	6.79	Std. Units		11/17/14 14:44	
	Field Temperature	23.33	deg C		11/17/14 14:44	
	Appearance	Color: Yellow, Sheen: none			11/17/14 14:44	
	Field Specific Conductance	1091	umhos/cm		11/17/14 14:44	
	Oxygen, Dissolved	0.47	mg/L		11/17/14 14:44	
	REDOX	-208.6	mV		11/17/14 14:44	
	Turbidity	2.50	NTU		11/17/14 14:44	
	Water Level(NGVD)	29.20	feet		11/17/14 14:44	
EPA 6010	Barium	67.1	ug/L	10.0	11/21/14 13:16	
EPA 6010	Iron	11800	ug/L	40.0	11/21/14 13:16	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164208

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164208009	**B34-2**					
EPA 6010	Nickel	14.7	ug/L	5.0	11/21/14 13:16	
EPA 6010	Sodium	29.2	mg/L	1.0	11/21/14 13:16	
SM 2540C	Total Dissolved Solids	840	mg/L	10.0	11/22/14 05:49	
EPA 300.0	Chloride	54.0	mg/L	5.0	11/21/14 00:10	
EPA 300.0	Sulfate	113	mg/L	10.0	11/22/14 07:27	
EPA 350.1	Nitrogen, Ammonia	0.59	mg/L	0.050	11/19/14 19:53	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: EQ Blank 11/17/14 **Lab ID: 35164208001** Collected: 11/17/14 10:36 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0051U**	ug/L	0.021	0.0051	1	11/20/14 13:10	11/21/14 00:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/20/14 13:10	11/21/14 00:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:11	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:11	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:11	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:11	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:11	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:11	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:11	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 12:11	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:11	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:11	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 12:11	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:11	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:11	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:11	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 12:11	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:35	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:35	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/21/14 12:51	11/24/14 13:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 17:25	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 17:25	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 17:25	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 17:25	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 17:25	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 17:25	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 17:25	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 17:25	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: EQ Blank 11/17/14 **Lab ID: 35164208001** Collected: 11/17/14 10:36 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 17:25	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 17:25	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 17:25	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 17:25	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 17:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 17:25	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 17:25	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 17:25	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 17:25	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 17:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/20/14 17:25	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		11/20/14 17:25	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 17:25	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/19/14 10:16		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/20/14 21:15	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 21:15	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/19/14 19:32	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-1 **Lab ID: 35164208002** Collected: 11/17/14 11:11 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.35**	Std. Units			1		11/17/14 11:11		
Field Temperature	**23.18**	deg C			1		11/17/14 11:11		
Appearance	**Color: Yellow, Sheen: none**				1		11/17/14 11:11		
Field Specific Conductance	**324**	umhos/cm			1		11/17/14 11:11		
Oxygen, Dissolved	**0.50**	mg/L			1		11/17/14 11:11	7782-44-7	
REDOX	**-106.5**	mV			1		11/17/14 11:11		
Turbidity	**10.27**	NTU			1		11/17/14 11:11		
Water Level(NGVD)	**28.36**	feet			1		11/17/14 11:11		
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	11/20/14 13:10	11/21/14 00:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 00:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:15	7440-38-2	
Barium	**96.6**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:15	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:15	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:15	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:15	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:15	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:15	7440-50-8	
Iron	**11000**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 12:15	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:15	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:15	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 12:15	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:15	7440-22-4	
Sodium	**27.2**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:15	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:15	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 12:15	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:37	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:37	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/21/14 12:51	11/24/14 13:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 20:43	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 20:43	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 20:43	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 20:43	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-1 **Lab ID: 35164208002** Collected: 11/17/14 11:11 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 20:43	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 20:43	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 20:43	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 20:43	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 20:43	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 20:43	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 20:43	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 20:43	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 20:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 20:43	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 20:43	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 20:43	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 20:43	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 20:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/20/14 20:43	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 20:43	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/20/14 20:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-1 **Lab ID: 35164208002** Collected: 11/17/14 11:11 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**100**	mg/L	5.0	5.0	1		11/19/14 10:17		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.5**	mg/L	5.0	2.5	1		11/20/14 21:37	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 21:37	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.15**	mg/L	0.050	0.020	1		11/19/14 19:34	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-1 Dup **Lab ID: 35164208003** Collected: 11/17/14 11:11 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.35**	Std. Units			1		11/17/14 11:11		
Field Temperature	**23.18**	deg C			1		11/17/14 11:11		
Appearance	**Color: Yellow, Sheen: none**				1		11/17/14 11:11		
Field Specific Conductance	**324**	umhos/cm			1		11/17/14 11:11		
Oxygen, Dissolved	**0.50**	mg/L			1		11/17/14 11:11	7782-44-7	
REDOX	**-106.5**	mV			1		11/17/14 11:11		
Turbidity	**10.27**	NTU			1		11/17/14 11:11		
Water Level(NGVD)	**28.36**	feet			1		11/17/14 11:11		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/20/14 13:10	11/21/14 00:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/20/14 13:10	11/21/14 00:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:27	7440-38-2	
Barium	**96.1**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:27	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:27	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:27	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:27	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:27	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:27	7440-50-8	
Iron	**11000**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 12:27	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:27	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:27	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 12:27	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:27	7440-22-4	
Sodium	**27.5**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:27	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:27	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 12:27	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:45	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:45	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/21/14 12:51	11/24/14 13:31	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 21:08	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:08	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 21:08	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 21:08	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-1 Dup **Lab ID: 35164208003** Collected: 11/17/14 11:11 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:08	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:08	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 21:08	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 21:08	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:08	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 21:08	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 21:08	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:08	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 21:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:08	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 21:08	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 21:08	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 21:08	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/20/14 21:08	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/20/14 21:08	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/20/14 21:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-1 Dup **Lab ID: 35164208003** Collected: 11/17/14 11:11 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**500**	mg/L	5.0	5.0	1		11/19/14 10:17		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.6**	mg/L	5.0	2.5	1		11/20/14 21:59	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 21:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.15**	mg/L	0.050	0.020	1		11/19/14 19:37	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-2 **Lab ID: 35164208004** Collected: 11/17/14 11:30 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**4.90**	Std. Units			1		11/17/14 11:30		
Field Temperature	**23.50**	deg C			1		11/17/14 11:30		
Appearance	**Color: Yellow, Sheen: none**				1		11/17/14 11:30		
Field Specific Conductance	**405**	umhos/cm			1		11/17/14 11:30		
Oxygen, Dissolved	**0.51**	mg/L			1		11/17/14 11:30	7782-44-7	
REDOX	**-139.8**	mV			1		11/17/14 11:30		
Turbidity	**2.19**	NTU			1		11/17/14 11:30		
Water Level(NGVD)	**28.43**	feet			1		11/17/14 11:30		
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	11/20/14 13:10	11/21/14 01:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 01:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:55	7440-38-2	
Barium	**69.3**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:55	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:55	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:55	7440-43-9	
Chromium	**7.1**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:55	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:55	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:55	7440-50-8	
Iron	**9340**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 12:55	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:55	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:55	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 12:55	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 12:55	7440-22-4	
Sodium	**63.6**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 12:55	7440-23-5	
Vanadium	**10.9**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 12:55	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 12:55	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:47	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:47	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/24/14 08:30	11/25/14 12:13	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 21:34	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:34	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 21:34	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 21:34	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-2 **Lab ID: 35164208004** Collected: 11/17/14 11:30 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:34	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:34	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 21:34	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 21:34	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:34	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 21:34	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 21:34	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:34	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:34	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 21:34	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 21:34	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 21:34	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/20/14 21:34	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 21:34	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/20/14 21:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B35-2 **Lab ID: 35164208004** Collected: 11/17/14 11:30 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**316**	mg/L	5.0	5.0	1		11/19/14 10:17		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**102**	mg/L	10.0	5.0	2		11/22/14 06:45	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 22:21	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.0**	mg/L	0.050	0.020	1		11/19/14 19:39	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:32		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B63-1 **Lab ID: 35164208005** Collected: 11/17/14 12:10 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.35**	Std. Units			1		11/17/14 12:10		
Field Temperature	**24.20**	deg C			1		11/17/14 12:10		
Appearance	**Color: Yellow, Sheen: none**				1		11/17/14 12:10		
Field Specific Conductance	**467**	umhos/cm			1		11/17/14 12:10		
Oxygen, Dissolved	**0.26**	mg/L			1		11/17/14 12:10	7782-44-7	
REDOX	**-155.2**	mV			1		11/17/14 12:10		
Turbidity	**13.90**	NTU			1		11/17/14 12:10		
Water Level(NGVD)	**28.05**	feet			1		11/17/14 12:10		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/20/14 13:10	11/21/14 01:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/20/14 13:10	11/21/14 01:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:00	7440-38-2	
Barium	**43.6**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:00	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:00	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:00	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:00	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:00	7440-50-8	
Iron	**2310**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 13:00	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:00	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:00	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 13:00	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:00	7440-22-4	
Sodium	**52.4**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:00	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:00	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 13:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:53	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 16:53	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/24/14 08:30	11/25/14 12:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 21:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 21:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 21:59	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B63-1 **Lab ID: 35164208005** Collected: 11/17/14 12:10 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 21:59	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 21:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 21:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 21:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 21:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 21:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 21:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 21:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 21:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 21:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		11/20/14 21:59	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	86-125		1		11/20/14 21:59	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/20/14 21:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B63-1 **Lab ID: 35164208005** Collected: 11/17/14 12:10 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**374**	mg/L	5.0	5.0	1		11/19/14 10:18		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**30.8**	mg/L	5.0	2.5	1		11/20/14 22:43	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 22:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.13**	mg/L	0.050	0.020	1		11/19/14 19:41	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B63-2 **Lab ID: 35164208006** Collected: 11/17/14 12:34 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.35**	Std. Units			1		11/17/14 12:34		
Field Temperature	**23.90**	deg C			1		11/17/14 12:34		
Appearance	**Color: Yellow, Sheen: none**				1		11/17/14 12:34		
Field Specific Conductance	**858**	umhos/cm			1		11/17/14 12:34		
Oxygen, Dissolved	**0.37**	mg/L			1		11/17/14 12:34	7782-44-7	
REDOX	**-175.4**	mV			1		11/17/14 12:34		
Turbidity	**11.70**	NTU			1		11/17/14 12:34		
Water Level(NGVD)	**28.10**	feet			1		11/17/14 12:34		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.021	0.0053	1	11/20/14 13:10	11/21/14 01:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 01:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:04	7440-38-2	
Barium	**68.5**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:04	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:04	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:04	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:04	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:04	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:04	7440-50-8	
Iron	**18600**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 13:04	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:04	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:04	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 13:04	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:04	7440-22-4	
Sodium	**53.9**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:04	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:04	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 13:04	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:02	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:02	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/24/14 08:30	11/25/14 12:18	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 22:25	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:25	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 22:25	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 22:25	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B63-2 **Lab ID: 35164208006** Collected: 11/17/14 12:34 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:25	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:25	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 22:25	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 22:25	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:25	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 22:25	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 22:25	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:25	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 22:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:25	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 22:25	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 22:25	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 22:25	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 22:25	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	86-125		1		11/20/14 22:25	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 22:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B63-2 **Lab ID: 35164208006** Collected: 11/17/14 12:34 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**549**	mg/L	5.0	5.0	1		11/22/14 05:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**74.9**	mg/L	5.0	2.5	1		11/20/14 23:05	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 23:05	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.28**	mg/L	0.050	0.020	1		11/19/14 19:43	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: FA-1B **Lab ID: 35164208007** Collected: 11/17/14 13:50 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.69**	Std. Units			1		11/17/14 13:50		
Field Temperature	**22.64**	deg C			1		11/17/14 13:50		
Appearance	**Color: none, Sheen: none**				1		11/17/14 13:50		
Field Specific Conductance	**515**	umhos/cm			1		11/17/14 13:50		
Oxygen, Dissolved	**0.21**	mg/L			1		11/17/14 13:50	7782-44-7	
REDOX	**-209.1**	mV			1		11/17/14 13:50		
Turbidity	**0.07**	NTU			1		11/17/14 13:50		
Water Level(NGVD)	**19.07**	feet			1		11/17/14 13:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.021	0.0053	1	11/20/14 13:10	11/21/14 02:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 02:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/25/14 04:50	11/25/14 14:45	7440-38-2	
Barium	**21.1**	ug/L	10.0	5.0	1	11/25/14 04:50	11/25/14 14:45	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:08	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/25/14 04:50	11/25/14 14:45	7440-43-9	
Chromium	**4.6 I**	ug/L	5.0	2.5	1	11/25/14 04:50	11/25/14 14:45	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:08	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/25/14 04:50	11/25/14 14:45	7440-50-8	
Iron	**324**	ug/L	40.0	20.0	1	11/25/14 04:50	11/25/14 14:45	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/25/14 04:50	11/25/14 14:45	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:08	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/25/14 04:50	11/25/14 14:45	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/25/14 04:50	11/25/14 14:45	7440-22-4	
Sodium	**9.5**	mg/L	1.0	0.50	1	11/25/14 04:50	11/25/14 14:45	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:08	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/25/14 04:50	11/25/14 14:45	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:04	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:04	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/24/14 08:30	11/25/14 12:24	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 22:50	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:50	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 22:50	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 22:50	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: FA-1B **Lab ID: 35164208007** Collected: 11/17/14 13:50 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:50	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:50	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 22:50	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 22:50	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:50	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 22:50	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 22:50	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:50	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 22:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 22:50	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 22:50	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 22:50	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 22:50	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 22:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/20/14 22:50	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/20/14 22:50	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 22:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: FA-1B **Lab ID: 35164208007** Collected: 11/17/14 13:50 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**339**	mg/L	5.0	5.0	1		11/22/14 05:48		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**13.0**	mg/L	5.0	2.5	1		11/20/14 23:26	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/20/14 23:26	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.33**	mg/L	0.050	0.020	1		11/19/14 19:45	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B34-1 **Lab ID: 35164208008** Collected: 11/17/14 14:18 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.34**	Std. Units			1		11/17/14 14:18		
Field Temperature	**23.34**	deg C			1		11/17/14 14:18		
Appearance	**Color:Yellow, Sheen: none**				1		11/17/14 14:18		
Field Specific Conductance	**1167**	umhos/cm			1		11/17/14 14:18		
Oxygen, Dissolved	**0.43**	mg/L			1		11/17/14 14:18	7782-44-7	
REDOX	**-181.3**	mV			1		11/17/14 14:18		
Turbidity	**0.39**	NTU			1		11/17/14 14:18		
Water Level(NGVD)	**27.89**	feet			1		11/17/14 14:18		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.021	0.0053	1	11/20/14 13:10	11/21/14 02:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 02:18	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:12	7440-38-2	
Barium	**159**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:12	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:12	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:12	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:12	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:12	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:12	7440-50-8	
Iron	**33400**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 13:12	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:12	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:12	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 13:12	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:12	7440-22-4	
Sodium	**43.4**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:12	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:12	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 13:12	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/24/14 08:30	11/25/14 12:26	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 23:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 23:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 23:16	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B34-1 **Lab ID: 35164208008** Collected: 11/17/14 14:18 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 23:16	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 23:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 23:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 23:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 23:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 23:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 23:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/20/14 23:16	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 23:16	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 23:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B34-1 **Lab ID: 35164208008** Collected: 11/17/14 14:18 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**802**	mg/L	10.0	10.0	1		11/22/14 05:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**51.6**	mg/L	5.0	2.5	1		11/20/14 23:48	16887-00-6	
Sulfate	**211**	mg/L	50.0	25.0	10		11/22/14 07:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.17**	mg/L	0.050	0.020	1		11/19/14 19:51	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B34-2 **Lab ID: 35164208009** Collected: 11/17/14 14:44 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.79**	Std. Units			1		11/17/14 14:44		
Field Temperature	**23.33**	deg C			1		11/17/14 14:44		
Appearance	**Color: Yellow, Sheen: none**				1		11/17/14 14:44		
Field Specific Conductance	**1091**	umhos/cm			1		11/17/14 14:44		
Oxygen, Dissolved	**0.47**	mg/L			1		11/17/14 14:44	7782-44-7	
REDOX	**-208.6**	mV			1		11/17/14 14:44		
Turbidity	**2.50**	NTU			1		11/17/14 14:44		
Water Level(NGVD)	**29.20**	feet			1		11/17/14 14:44		
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	11/20/14 13:10	11/21/14 02:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 02:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:16	7440-38-2	
Barium	**67.1**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:16	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:16	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:16	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:16	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:16	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:16	7440-50-8	
Iron	**11800**	ug/L	40.0	20.0	1	11/20/14 09:40	11/21/14 13:16	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:16	7439-92-1	
Nickel	**14.7**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:16	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 09:40	11/21/14 13:16	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 09:40	11/21/14 13:16	7440-22-4	
Sodium	**29.2**	mg/L	1.0	0.50	1	11/20/14 09:40	11/21/14 13:16	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 09:40	11/21/14 13:16	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 09:40	11/21/14 13:16	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:08	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 09:40	11/21/14 17:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/24/14 08:30	11/25/14 12:28	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/20/14 23:41	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:41	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/20/14 23:41	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/20/14 23:41	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B34-2 **Lab ID: 35164208009** Collected: 11/17/14 14:44 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:41	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:41	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/20/14 23:41	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/20/14 23:41	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:41	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 23:41	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/20/14 23:41	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:41	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/20/14 23:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/20/14 23:41	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/20/14 23:41	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/20/14 23:41	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/20/14 23:41	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/20/14 23:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/20/14 23:41	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/20/14 23:41	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/20/14 23:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: B34-2 **Lab ID: 35164208009** Collected: 11/17/14 14:44 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**840**	mg/L	10.0	10.0	1		11/22/14 05:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**54.0**	mg/L	5.0	2.5	1		11/21/14 00:10	16887-00-6	
Sulfate	**113**	mg/L	10.0	5.0	2		11/22/14 07:27	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.59**	mg/L	0.050	0.020	1		11/19/14 19:53	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 09:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: Trip Blank 11/17/14 **Lab ID: 35164208010** Collected: 11/17/14 00:00 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/21/14 05:13	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/21/14 05:13	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/21/14 05:13	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/21/14 05:13	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/21/14 05:13	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/21/14 05:13	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/21/14 05:13	74-87-3	J(L2)
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/21/14 05:13	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/21/14 05:13	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/21/14 05:13	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/21/14 05:13	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/21/14 05:13	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/21/14 05:13	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/21/14 05:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/21/14 05:13	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/21/14 05:13	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/21/14 05:13	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/21/14 05:13	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Sample: Trip Blank 11/17/14 **Lab ID: 35164208010** Collected: 11/17/14 00:00 Received: 11/17/14 15:55 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/21/14 05:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/21/14 05:13	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		11/21/14 05:13	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/21/14 05:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MERP/5127 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35164208001, 35164208002, 35164208003

METHOD BLANK: 1063566 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/24/14 12:46	

LABORATORY CONTROL SAMPLE: 1063567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063568 1063569

Parameter	Units	35164549010 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	94	96	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MERP/5133 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1065250 Matrix: Water
Associated Lab Samples: 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/25/14 11:41	

LABORATORY CONTROL SAMPLE: 1065251

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065305 1065306

Parameter	Units	35162671003 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	95	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MPRP/21596 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1062005 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/21/14 13:20	
Barium	ug/L	5.0U	10.0	11/21/14 13:20	
Beryllium	ug/L	0.50U	1.0	11/21/14 13:20	
Cadmium	ug/L	0.50U	1.0	11/21/14 13:20	
Chromium	ug/L	2.5U	5.0	11/21/14 13:20	
Cobalt	ug/L	5.0U	10.0	11/21/14 13:20	
Copper	ug/L	2.5U	5.0	11/21/14 13:20	
Iron	ug/L	87.6	40.0	11/21/14 13:20	V
Lead	ug/L	5.0U	10.0	11/21/14 13:20	
Nickel	ug/L	2.5U	5.0	11/21/14 13:20	
Selenium	ug/L	7.5U	15.0	11/21/14 13:20	
Silver	ug/L	2.5U	5.0	11/21/14 13:20	
Sodium	mg/L	0.50U	1.0	11/21/14 13:20	
Vanadium	ug/L	5.0U	10.0	11/21/14 13:20	
Zinc	ug/L	10.0U	20.0	11/21/14 13:20	

LABORATORY CONTROL SAMPLE: 1062006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	239	96	80-120	
Barium	ug/L	250	249	100	80-120	
Beryllium	ug/L	25	25.0	100	80-120	
Cadmium	ug/L	25	25.6	102	80-120	
Chromium	ug/L	250	238	95	80-120	
Cobalt	ug/L	250	250	100	80-120	
Copper	ug/L	250	233	93	80-120	
Iron	ug/L	2500	2560	102	80-120	
Lead	ug/L	250	255	102	80-120	
Nickel	ug/L	250	256	102	80-120	
Selenium	ug/L	250	250	100	80-120	
Silver	ug/L	25	22.7	91	80-120	
Sodium	mg/L	12.5	12.7	101	80-120	
Vanadium	ug/L	250	239	95	80-120	
Zinc	ug/L	1250	1250	100	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062007 1062008

Parameter	Units	35164208002 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	244	243	98	97	75-125	0	20	
Barium	ug/L	96.6	250	250	350	348	102	101	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	25.3	25.4	101	101	75-125	0	20	
Cadmium	ug/L	0.50U	25	25	25.3	25.2	101	101	75-125	1	20	
Chromium	ug/L	2.5U	250	250	241	242	96	96	75-125	0	20	
Cobalt	ug/L	5.0U	250	250	251	252	101	101	75-125	0	20	
Copper	ug/L	2.5U	250	250	242	241	96	96	75-125	0	20	
Iron	ug/L	11000	2500	2500	13600	13500	107	99	75-125	1	20	
Lead	ug/L	5.0U	250	250	252	250	101	100	75-125	1	20	
Nickel	ug/L	2.5U	250	250	257	256	103	102	75-125	1	20	
Selenium	ug/L	7.5U	250	250	248	249	99	100	75-125	0	20	
Silver	ug/L	2.5U	25	25	23.9	23.8	94	94	75-125	1	20	
Sodium	mg/L	27.2	12.5	12.5	40.7	40.4	108	106	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	245	245	97	97	75-125	0	20	
Zinc	ug/L	10.0U	1250	1250	1260	1260	100	100	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MPRP/21659
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET
Associated Lab Samples: 35164208007

METHOD BLANK: 1066193
Matrix: Water
Associated Lab Samples: 35164208007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/25/14 14:37	
Barium	ug/L	5.0U	10.0	11/25/14 14:37	
Cadmium	ug/L	0.50U	1.0	11/25/14 14:37	
Chromium	ug/L	2.5U	5.0	11/25/14 14:37	
Copper	ug/L	2.5U	5.0	11/25/14 14:37	
Iron	ug/L	20.0U	40.0	11/25/14 14:37	
Lead	ug/L	5.0U	10.0	11/25/14 14:37	
Selenium	ug/L	7.5U	15.0	11/25/14 14:37	
Silver	ug/L	2.5U	5.0	11/25/14 14:37	
Sodium	mg/L	0.50U	1.0	11/25/14 14:37	
Zinc	ug/L	10.0U	20.0	11/25/14 14:37	

LABORATORY CONTROL SAMPLE: 1066194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	240	96	80-120	
Barium	ug/L	250	251	100	80-120	
Cadmium	ug/L	25	24.6	98	80-120	
Chromium	ug/L	250	249	100	80-120	
Copper	ug/L	250	249	100	80-120	
Iron	ug/L	2500	2470	99	80-120	
Lead	ug/L	250	250	100	80-120	
Selenium	ug/L	250	250	100	80-120	
Silver	ug/L	25	24.8	99	80-120	
Sodium	mg/L	12.5	12.3	99	80-120	
Zinc	ug/L	1250	1240	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066195 1066196

Parameter	Units	35164208007 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	242	246	96	98	75-125	2	20	
Barium	ug/L	21.1	250	250	274	275	101	101	75-125	0	20	
Cadmium	ug/L	0.50U	25	25	24.3	24.4	97	98	75-125	1	20	
Chromium	ug/L	4.6 I	250	250	254	258	100	101	75-125	1	20	
Copper	ug/L	2.5U	250	250	258	263	103	105	75-125	2	20	
Iron	ug/L	324	2500	2500	2790	2780	99	98	75-125	0	20	
Lead	ug/L	5.0U	250	250	245	245	98	98	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066195 1066196

Parameter	Units	35164208007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Selenium	ug/L	7.5U	250	250	249	251	99	100	75-125	1	20	
Silver	ug/L	2.5U	25	25	25.5	25.7	102	103	75-125	1	20	
Sodium	mg/L	9.5	12.5	12.5	21.8	21.8	99	98	75-125	0	20	
Zinc	ug/L	10.0U	1250	1250	1240	1260	99	100	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MPRP/21597 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1062009 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/21/14 16:24	
Thallium	ug/L	0.50U	1.0	11/21/14 16:24	

LABORATORY CONTROL SAMPLE: 1062010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.4	95	80-120	
Thallium	ug/L	50	50.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062011 1062012

Parameter	Units	35164208004 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	46.9	47.1	94	94	75-125	0	20	
Thallium	ug/L	0.50U	50	50	48.9	49.1	98	98	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MSV/13318 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1062760 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/20/14 16:13	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/20/14 16:13	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/20/14 16:13	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/20/14 16:13	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/20/14 16:13	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/20/14 16:13	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/20/14 16:13	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/20/14 16:13	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/20/14 16:13	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/20/14 16:13	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/20/14 16:13	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/20/14 16:13	
2-Hexanone	ug/L	5.0U	10.0	11/20/14 16:13	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/20/14 16:13	
Acetone	ug/L	10.0U	20.0	11/20/14 16:13	
Acrylonitrile	ug/L	5.0U	10.0	11/20/14 16:13	
Benzene	ug/L	0.10U	1.0	11/20/14 16:13	
Bromochloromethane	ug/L	0.50U	1.0	11/20/14 16:13	
Bromodichloromethane	ug/L	0.27U	0.60	11/20/14 16:13	
Bromoform	ug/L	0.50U	1.0	11/20/14 16:13	
Bromomethane	ug/L	0.50U	1.0	11/20/14 16:13	
Carbon disulfide	ug/L	5.0U	10.0	11/20/14 16:13	
Carbon tetrachloride	ug/L	0.50U	1.0	11/20/14 16:13	
Chlorobenzene	ug/L	0.50U	1.0	11/20/14 16:13	
Chloroethane	ug/L	0.50U	1.0	11/20/14 16:13	
Chloroform	ug/L	0.50U	1.0	11/20/14 16:13	
Chloromethane	ug/L	0.62U	1.0	11/20/14 16:13	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/20/14 16:13	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/20/14 16:13	
Dibromochloromethane	ug/L	0.26U	0.50	11/20/14 16:13	
Dibromomethane	ug/L	0.50U	1.0	11/20/14 16:13	
Ethylbenzene	ug/L	0.50U	1.0	11/20/14 16:13	
Iodomethane	ug/L	0.50U	1.0	11/20/14 16:13	
Methylene Chloride	ug/L	2.5U	5.0	11/20/14 16:13	
Styrene	ug/L	0.50U	1.0	11/20/14 16:13	
Tetrachloroethene	ug/L	0.50U	1.0	11/20/14 16:13	
Toluene	ug/L	0.50U	1.0	11/20/14 16:13	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/20/14 16:13	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/20/14 16:13	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/20/14 16:13	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

METHOD BLANK: 1062760 Matrix: Water

Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	0.50U	1.0	11/20/14 16:13	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/20/14 16:13	
Vinyl acetate	ug/L	1.0U	2.0	11/20/14 16:13	
Vinyl chloride	ug/L	0.50U	1.0	11/20/14 16:13	
Xylene (Total)	ug/L	0.50U	1.0	11/20/14 16:13	
1,2-Dichloroethane-d4 (S)	%	103	86-125	11/20/14 16:13	
4-Bromofluorobenzene (S)	%	92	70-114	11/20/14 16:13	
Toluene-d8 (S)	%	103	87-113	11/20/14 16:13	

LABORATORY CONTROL SAMPLE: 1062761

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.8	94	70-130	
1,1,1-Trichloroethane	ug/L	20	20.7	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.6	93	70-130	
1,1,2-Trichloroethane	ug/L	20	18.2	91	70-130	
1,1-Dichloroethane	ug/L	20	19.9	100	70-130	
1,1-Dichloroethene	ug/L	20	20.7	104	70-130	
1,2,3-Trichloropropane	ug/L	20	16.5	83	70-130	
1,2-Dichlorobenzene	ug/L	20	19.2	96	70-130	
1,2-Dichloroethane	ug/L	20	19.6	98	70-130	
1,2-Dichloropropane	ug/L	20	19.3	97	70-130	
1,4-Dichlorobenzene	ug/L	20	19.1	95	70-130	
2-Butanone (MEK)	ug/L	40	28.3	71	55-167	
2-Hexanone	ug/L	40	32.8	82	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	36.8	92	70-130	
Acetone	ug/L	40	31.6	79	40-150	
Acrylonitrile	ug/L	200	170	85	70-130	
Benzene	ug/L	20	19.8	99	70-130	
Bromochloromethane	ug/L	20	20.6	103	70-130	
Bromodichloromethane	ug/L	20	19.7	99	70-130	
Bromoform	ug/L	20	17.4	87	68-130	
Bromomethane	ug/L	20	18.3	91	38-179	
Carbon disulfide	ug/L	20	19.4	97	51-155	
Carbon tetrachloride	ug/L	20	21.1	106	70-130	
Chlorobenzene	ug/L	20	19.3	97	70-130	
Chloroethane	ug/L	20	20.8	104	59-149	
Chloroform	ug/L	20	19.9	100	70-130	
Chloromethane	ug/L	20	13.9	70	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
Dibromochloromethane	ug/L	20	19.4	97	70-130	
Dibromomethane	ug/L	20	18.8	94	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

LABORATORY CONTROL SAMPLE: 1062761

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.2	96	70-130	
Iodomethane	ug/L	40	16.2	40	43-160	J(L0)
Methylene Chloride	ug/L	20	19.2	96	70-130	
Styrene	ug/L	20	18.7	93	70-130	
Tetrachloroethene	ug/L	20	19.1	95	66-133	
Toluene	ug/L	20	18.9	95	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.7	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.2	91	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	15.2	76	65-130	
Trichloroethene	ug/L	20	20.2	101	70-130	
Trichlorofluoromethane	ug/L	20	20.1	100	70-131	
Vinyl acetate	ug/L	20	18.0	90	69-135	
Vinyl chloride	ug/L	20	19.4	97	69-140	
Xylene (Total)	ug/L	60	58.0	97	70-130	
1,2-Dichloroethane-d4 (S)	%			109	86-125	
4-Bromofluorobenzene (S)	%			98	70-114	
Toluene-d8 (S)	%			102	87-113	

MATRIX SPIKE SAMPLE: 1065841

Parameter	Units	35163299002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.2	101	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	20.3	101	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.9	99	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.8	104	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	22.9	115	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	21.3	107	31-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	19.6	98	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	20.5	103	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	20.0	100	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	19.9	100	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	35.0	87	48-138	
2-Hexanone	ug/L	5.0U	40	34.4	86	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	39.8	100	28-143	
Acetone	ug/L	10.0U	40	36.2	85	20-140	
Acrylonitrile	ug/L	5.0U	200	194	97	46-130	
Benzene	ug/L	0.64 I	20	21.3	103	53-132	
Bromochloromethane	ug/L	0.50U	20	21.5	107	54-132	
Bromodichloromethane	ug/L	0.27U	20	20.1	101	46-130	
Bromoform	ug/L	0.50U	20	19.0	95	32-130	
Bromomethane	ug/L	0.50U	20	13.7	68	20-152	
Carbon disulfide	ug/L	5.0U	20	21.4	107	28-184	
Carbon tetrachloride	ug/L	0.50U	20	23.4	117	37-137	
Chlorobenzene	ug/L	0.50U	20	20.6	103	46-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

MATRIX SPIKE SAMPLE: 1065841

Parameter	Units	35163299002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	0.50U	20	23.3	116	48-159	
Chloroform	ug/L	0.50U	20	20.3	102	51-130	
Chloromethane	ug/L	0.62U	20	11.3	56	39-144	
cis-1,2-Dichloroethene	ug/L	1.6	20	21.8	101	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	19.3	97	45-130	
Dibromochloromethane	ug/L	0.26U	20	20.6	103	43-130	
Dibromomethane	ug/L	0.50U	20	19.8	99	50-130	
Ethylbenzene	ug/L	0.50U	20	21.0	105	43-130	
Iodomethane	ug/L	0.50U	40	8.6	21	20-169	
Methylene Chloride	ug/L	2.5U	20	20.2	101	51-135	
Styrene	ug/L	0.50U	20	20.1	101	40-130	
Tetrachloroethene	ug/L	0.50U	20	21.4	107	26-130	
Toluene	ug/L	0.50U	20	20.6	103	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.5	108	48-142	
trans-1,3-Dichloropropene	ug/L	0.25U	20	19.2	96	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	13.0	65	20-139	
Trichloroethene	ug/L	0.50U	20	21.1	105	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	27.2	136	46-146	
Vinyl acetate	ug/L	1.0U	20	16.7	83	20-165	
Vinyl chloride	ug/L	0.50U	20	23.2	116	57-142	
Xylene (Total)	ug/L	0.50U	60	63.0	105	42-130	
1,2-Dichloroethane-d4 (S)	%				92	86-125	
4-Bromofluorobenzene (S)	%				101	70-114	
Toluene-d8 (S)	%				98	87-113	

SAMPLE DUPLICATE: 1065840

Parameter	Units	35163299001 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

SAMPLE DUPLICATE: 1065840

Parameter	Units	35163299001 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)	%	107	108	1		
4-Bromofluorobenzene (S)	%	95	96	1		
Toluene-d8 (S)	%	105	107	1		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: MSV/13324 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35164208010

METHOD BLANK: 1062815 Matrix: Water
Associated Lab Samples: 35164208010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/21/14 04:22	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/21/14 04:22	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/21/14 04:22	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/21/14 04:22	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/21/14 04:22	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/21/14 04:22	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/21/14 04:22	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/21/14 04:22	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/21/14 04:22	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/21/14 04:22	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/21/14 04:22	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/21/14 04:22	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/21/14 04:22	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/21/14 04:22	
2-Hexanone	ug/L	5.0U	10.0	11/21/14 04:22	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/21/14 04:22	
Acetone	ug/L	10.0U	20.0	11/21/14 04:22	
Acrylonitrile	ug/L	5.0U	10.0	11/21/14 04:22	
Benzene	ug/L	0.10U	1.0	11/21/14 04:22	
Bromochloromethane	ug/L	0.50U	1.0	11/21/14 04:22	
Bromodichloromethane	ug/L	0.27U	0.60	11/21/14 04:22	
Bromoform	ug/L	0.50U	1.0	11/21/14 04:22	
Bromomethane	ug/L	0.50U	1.0	11/21/14 04:22	
Carbon disulfide	ug/L	5.0U	10.0	11/21/14 04:22	
Carbon tetrachloride	ug/L	0.50U	1.0	11/21/14 04:22	
Chlorobenzene	ug/L	0.50U	1.0	11/21/14 04:22	
Chloroethane	ug/L	0.50U	1.0	11/21/14 04:22	
Chloroform	ug/L	0.50U	1.0	11/21/14 04:22	
Chloromethane	ug/L	0.62U	1.0	11/21/14 04:22	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/21/14 04:22	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/21/14 04:22	
Dibromochloromethane	ug/L	0.26U	0.50	11/21/14 04:22	
Dibromomethane	ug/L	0.50U	1.0	11/21/14 04:22	
Ethylbenzene	ug/L	0.50U	1.0	11/21/14 04:22	
Iodomethane	ug/L	0.50U	1.0	11/21/14 04:22	
Methylene Chloride	ug/L	2.5U	5.0	11/21/14 04:22	
Styrene	ug/L	0.50U	1.0	11/21/14 04:22	
Tetrachloroethene	ug/L	0.50U	1.0	11/21/14 04:22	
Toluene	ug/L	0.50U	1.0	11/21/14 04:22	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/21/14 04:22	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/21/14 04:22	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

METHOD BLANK: 1062815 Matrix: Water
Associated Lab Samples: 35164208010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/21/14 04:22	
Trichloroethene	ug/L	0.50U	1.0	11/21/14 04:22	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/21/14 04:22	
Vinyl acetate	ug/L	1.0U	2.0	11/21/14 04:22	
Vinyl chloride	ug/L	0.50U	1.0	11/21/14 04:22	
Xylene (Total)	ug/L	0.50U	1.0	11/21/14 04:22	
1,2-Dichloroethane-d4 (S)	%	107	86-125	11/21/14 04:22	
4-Bromofluorobenzene (S)	%	92	70-114	11/21/14 04:22	
Toluene-d8 (S)	%	102	87-113	11/21/14 04:22	

LABORATORY CONTROL SAMPLE: 1062816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.3	96	70-130	
1,1,1-Trichloroethane	ug/L	20	18.9	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	70-130	
1,1,2-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1-Dichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethene	ug/L	20	19.2	96	70-130	
1,2,3-Trichloropropane	ug/L	20	18.9	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.4	102	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.2	96	70-130	
1,2-Dichlorobenzene	ug/L	20	18.7	94	70-130	
1,2-Dichloroethane	ug/L	20	19.8	99	70-130	
1,2-Dichloropropane	ug/L	20	18.7	94	70-130	
1,4-Dichlorobenzene	ug/L	20	18.8	94	70-130	
2-Butanone (MEK)	ug/L	40	38.1	95	55-167	
2-Hexanone	ug/L	40	39.1	98	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	41.8	105	70-130	
Acetone	ug/L	40	38.1	95	40-150	
Acrylonitrile	ug/L	200	213	107	70-130	
Benzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	19.5	98	70-130	
Bromodichloromethane	ug/L	20	18.9	94	70-130	
Bromoform	ug/L	20	18.7	94	68-130	
Bromomethane	ug/L	20	14.7	74	38-179	
Carbon disulfide	ug/L	20	19.0	95	51-155	
Carbon tetrachloride	ug/L	20	19.1	96	70-130	
Chlorobenzene	ug/L	20	19.0	95	70-130	
Chloroethane	ug/L	20	20.4	102	59-149	
Chloroform	ug/L	20	18.6	93	70-130	
Chloromethane	ug/L	20	12.3	61	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	19.0	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.4	92	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

LABORATORY CONTROL SAMPLE: 1062816

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	19.6	98	70-130	
Dibromomethane	ug/L	20	18.9	94	70-130	
Ethylbenzene	ug/L	20	18.7	94	70-130	
Iodomethane	ug/L	40	8.8	22	43-160	J(L0)
Methylene Chloride	ug/L	20	18.4	92	70-130	
Styrene	ug/L	20	18.7	93	70-130	
Tetrachloroethene	ug/L	20	18.4	92	66-133	
Toluene	ug/L	20	18.7	93	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.3	96	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.7	94	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.7	74	65-130	
Trichloroethene	ug/L	20	19.5	98	70-130	
Trichlorofluoromethane	ug/L	20	21.1	106	70-131	
Vinyl acetate	ug/L	20	19.6	98	69-135	
Vinyl chloride	ug/L	20	18.1	90	69-140	
Xylene (Total)	ug/L	60	56.5	94	70-130	
1,2-Dichloroethane-d4 (S)	%			114	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Toluene-d8 (S)	%			101	87-113	

MATRIX SPIKE SAMPLE: 1063851

Parameter	Units	35163433003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	19.0	95	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	19.8	99	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.5	92	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	18.3	91	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	19.4	97	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	21.5	107	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	18.9	95	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	18.2	91	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.7	93	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	17.7	88	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.2	96	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	18.2	91	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	31.7	79	48-138	
2-Hexanone	ug/L	5.0U	40	32.8	82	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	36.7	92	28-143	
Acetone	ug/L	10.0U	40	31.4	61	20-140	
Acrylonitrile	ug/L	5.0U	200	157	79	46-130	
Benzene	ug/L	0.10U	20	20.1	100	53-132	
Bromochloromethane	ug/L	0.50U	20	19.5	97	54-132	
Bromodichloromethane	ug/L	0.27U	20	18.5	93	46-130	
Bromoform	ug/L	0.50U	20	16.4	82	32-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

MATRIX SPIKE SAMPLE: 1063851

Parameter	Units	35163433003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	12.9	64	20-152	
Carbon disulfide	ug/L	5.0U	20	18.9	94	28-184	
Carbon tetrachloride	ug/L	0.50U	20	20.0	100	37-137	
Chlorobenzene	ug/L	0.50U	20	19.9	100	46-130	
Chloroethane	ug/L	0.50U	20	22.9	115	48-159	
Chloroform	ug/L	0.50U	20	18.3	92	51-130	
Chloromethane	ug/L	0.62U	20	9.1	46	39-144	
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.2	96	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	17.9	89	45-130	
Dibromochloromethane	ug/L	0.26U	20	17.4	87	43-130	
Dibromomethane	ug/L	0.50U	20	17.9	90	50-130	
Ethylbenzene	ug/L	0.50U	20	20.7	103	43-130	
Iodomethane	ug/L	0.50U	40	6.7	17	20-169	J(M0)
Methylene Chloride	ug/L	2.5U	20	17.7	89	51-135	
Styrene	ug/L	0.50U	20	18.6	93	40-130	
Tetrachloroethene	ug/L	0.50U	20	20.4	102	26-130	
Toluene	ug/L	0.50U	20	20.4	102	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	17.1	86	45-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	11.0	55	20-139	
Trichloroethene	ug/L	0.50U	20	19.9	100	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	21.9	109	46-146	
Vinyl acetate	ug/L	1.0U	20	12.1	60	20-165	
Vinyl chloride	ug/L	0.50U	20	22.4	112	57-142	
Xylene (Total)	ug/L	0.50U	60	60.5	101	42-130	
1,2-Dichloroethane-d4 (S)	%				99	86-125	
4-Bromofluorobenzene (S)	%				100	70-114	
Toluene-d8 (S)	%				101	87-113	

SAMPLE DUPLICATE: 1063850

Parameter	Units	35163433002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

SAMPLE DUPLICATE: 1063850

Parameter	Units	35163433002 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)	%	110	110	1		
4-Bromofluorobenzene (S)	%	96	93	3		
Toluene-d8 (S)	%	104	104	0		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: OEXT/19772 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1062084 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/20/14 22:49	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/20/14 22:49	

LABORATORY CONTROL SAMPLE: 1062085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	111	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	109	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062086 1062087

Parameter	Units	35163859002 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	0.0051U	.44	.44	0.62	0.62	142	141	60-140	1	40	J(M1)
1,2-Dibromoethane (EDB)	ug/L	0.0064U	.44	.44	0.55	0.56	127	128	60-140	1	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: WET/27912 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005

METHOD BLANK: 1060695 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/19/14 10:09	

LABORATORY CONTROL SAMPLE: 1060696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	291	97	90-110	

SAMPLE DUPLICATE: 1060697

Parameter	Units	35164208004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	316	300	5	20	

SAMPLE DUPLICATE: 1060698

Parameter	Units	35164208005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	374	365	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: WET/27967 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1064598 Matrix: Water
Associated Lab Samples: 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/22/14 05:48	

LABORATORY CONTROL SAMPLE: 1064599

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	296	99	90-110	

SAMPLE DUPLICATE: 1064635

Parameter	Units	35164528008 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	497	507	2	20	

SAMPLE DUPLICATE: 1064636

Parameter	Units	35164528009 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	431	414	4	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: WETA/41424 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1062596 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/20/14 14:18	
Sulfate	mg/L	2.5U	5.0	11/20/14 14:18	

LABORATORY CONTROL SAMPLE: 1062597

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.5	97	90-110	
Sulfate	mg/L	50	48.5	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062598 1062599

Parameter	Units	35164180001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	157	50	50	236	236	158	158	90-110	0	20	J(M1)
Sulfate	mg/L	2.5U	50	50	49.1	49.2	95	95	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062600 1062601

Parameter	Units	35164180002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	230	50	50	48.4	48.4	-362	-362	90-110	0	20	
Sulfate	mg/L	10.6	50	50	48.2	48.2	75	75	90-110	0	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: WETA/41377 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1061140 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/19/14 16:03	

LABORATORY CONTROL SAMPLE: 1061141

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

MATRIX SPIKE SAMPLE: 1061143

Parameter	Units	35164342001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.63	1	1.6	98	90-110	

SAMPLE DUPLICATE: 1061142

Parameter	Units	35164342001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.63	0.63	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

QC Batch: WETA/41318 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

METHOD BLANK: 1059838 Matrix: Water
Associated Lab Samples: 35164208001, 35164208002, 35164208003, 35164208004, 35164208005, 35164208006, 35164208007, 35164208008, 35164208009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/18/14 08:44	

SAMPLE DUPLICATE: 1059840

Parameter	Units	35163200002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1059842

Parameter	Units	35164208003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35164208

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.

PQL - Practical Quantitation 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(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(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.
V	Indicates that the analyte was detected in both the sample and the associated method blank.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164208002	**B35-1**		FLD/		
35164208003	**B35-1 Dup**		FLD/		
35164208004	**B35-2**		FLD/		
35164208005	**B63-1**		FLD/		
35164208006	**B63-2**		FLD/		
35164208007	**FA-1B**		FLD/		
35164208008	**B34-1**		FLD/		
35164208009	**B34-2**		FLD/		
35164208001	**EQ Blank 11/17/14**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208002	**B35-1**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208003	**B35-1 Dup**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208004	**B35-2**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208005	**B63-1**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208006	**B63-2**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208007	**FA-1B**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208008	**B34-1**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208009	**B34-2**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164208001	**EQ Blank 11/17/14**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208002	**B35-1**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208003	**B35-1 Dup**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208004	**B35-2**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208005	**B63-1**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208006	**B63-2**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208007	**FA-1B**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208007	**FA-1B**	EPA 3010	MPRP/21659	EPA 6010	ICP/13261
35164208008	**B34-1**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208009	**B34-2**	EPA 3010	MPRP/21596	EPA 6010	ICP/13224
35164208001	**EQ Blank 11/17/14**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208002	**B35-1**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208003	**B35-1 Dup**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208004	**B35-2**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208005	**B63-1**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208006	**B63-2**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208007	**FA-1B**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208008	**B34-1**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208009	**B34-2**	EPA 3010	MPRP/21597	EPA 6020	ICPM/8834
35164208001	**EQ Blank 11/17/14**	EPA 7470	MERP/5127	EPA 7470	MERC/5122
35164208002	**B35-1**	EPA 7470	MERP/5127	EPA 7470	MERC/5122
35164208003	**B35-1 Dup**	EPA 7470	MERP/5127	EPA 7470	MERC/5122
35164208004	**B35-2**	EPA 7470	MERP/5133	EPA 7470	MERC/5126
35164208005	**B63-1**	EPA 7470	MERP/5133	EPA 7470	MERC/5126
35164208006	**B63-2**	EPA 7470	MERP/5133	EPA 7470	MERC/5126
35164208007	**FA-1B**	EPA 7470	MERP/5133	EPA 7470	MERC/5126
35164208008	**B34-1**	EPA 7470	MERP/5133	EPA 7470	MERC/5126
35164208009	**B34-2**	EPA 7470	MERP/5133	EPA 7470	MERC/5126

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164208001	**EQ Blank 11/17/14**	EPA 8260	MSV/13318		
35164208002	**B35-1**	EPA 8260	MSV/13318		
35164208003	**B35-1 Dup**	EPA 8260	MSV/13318		
35164208004	**B35-2**	EPA 8260	MSV/13318		
35164208005	**B63-1**	EPA 8260	MSV/13318		
35164208006	**B63-2**	EPA 8260	MSV/13318		
35164208007	**FA-1B**	EPA 8260	MSV/13318		
35164208008	**B34-1**	EPA 8260	MSV/13318		
35164208009	**B34-2**	EPA 8260	MSV/13318		
35164208010	**Trip Blank 11/17/14**	EPA 8260	MSV/13324		
35164208001	**EQ Blank 11/17/14**	SM 2540C	WET/27912		
35164208002	**B35-1**	SM 2540C	WET/27912		
35164208003	**B35-1 Dup**	SM 2540C	WET/27912		
35164208004	**B35-2**	SM 2540C	WET/27912		
35164208005	**B63-1**	SM 2540C	WET/27912		
35164208006	**B63-2**	SM 2540C	WET/27967		
35164208007	**FA-1B**	SM 2540C	WET/27967		
35164208008	**B34-1**	SM 2540C	WET/27967		
35164208009	**B34-2**	SM 2540C	WET/27967		
35164208001	**EQ Blank 11/17/14**	EPA 300.0	WETA/41424		
35164208002	**B35-1**	EPA 300.0	WETA/41424		
35164208003	**B35-1 Dup**	EPA 300.0	WETA/41424		
35164208004	**B35-2**	EPA 300.0	WETA/41424		
35164208005	**B63-1**	EPA 300.0	WETA/41424		
35164208006	**B63-2**	EPA 300.0	WETA/41424		
35164208007	**FA-1B**	EPA 300.0	WETA/41424		
35164208008	**B34-1**	EPA 300.0	WETA/41424		
35164208009	**B34-2**	EPA 300.0	WETA/41424		
35164208001	**EQ Blank 11/17/14**	EPA 350.1	WETA/41377		
35164208002	**B35-1**	EPA 350.1	WETA/41377		
35164208003	**B35-1 Dup**	EPA 350.1	WETA/41377		
35164208004	**B35-2**	EPA 350.1	WETA/41377		
35164208005	**B63-1**	EPA 350.1	WETA/41377		
35164208006	**B63-2**	EPA 350.1	WETA/41377		
35164208007	**FA-1B**	EPA 350.1	WETA/41377		
35164208008	**B34-1**	EPA 350.1	WETA/41377		
35164208009	**B34-2**	EPA 350.1	WETA/41377		
35164208001	**EQ Blank 11/17/14**	EPA 353.2	WETA/41318		
35164208002	**B35-1**	EPA 353.2	WETA/41318		
35164208003	**B35-1 Dup**	EPA 353.2	WETA/41318		
35164208004	**B35-2**	EPA 353.2	WETA/41318		
35164208005	**B63-1**	EPA 353.2	WETA/41318		
35164208006	**B63-2**	EPA 353.2	WETA/41318		
35164208007	**FA-1B**	EPA 353.2	WETA/41318		
35164208008	**B34-1**	EPA 353.2	WETA/41318		
35164208009	**B34-2**	EPA 353.2	WETA/41318		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164208

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

WO# : 35164208

35164208

Y / Analytical Request Document

OCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1867132

Section A
Required Client Information:

Company: VOLUSIA COUNTY SOLID WASTE	Report To: MS JENNIFER STARK	Attention:
Address: 1990 TOMOKA FARMS RD	Copy To:	Company Name:
DAYTONA BEACH FL 32124		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name:	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #: 1590, L1

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	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	TDS, NITRATE	CL, SULFATE	COLD VAPOR Hg METALS	NITROGEN, AMMONIA (NH3)	BOIL EOB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	SW	G			11-17-14	1036		8	3	1	1	3						X	X	X	X	X	X		
2	B35-1						1111																				
3	DUPLICATE						1111																				
4	B35-2						1130																				
5	B63-1						1210																				
6	B63-2						1234																				
7	FA-1B						1350																				
8	B34-1						1418																				
9	B34-2						1444		✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓			
10	TRIP BLANKS	✓	✓			✓	—		2				2											X		L2	
11																											
12																											

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	MSA / PACE	11-17-14	1555		11/17/14	1555	4.3	Y	N	Y
						1607				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT

SIGNATURE of SAMPLER: MSA

DATE Signed (MM/DD/YY): 11-17-14

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 ANNUAL	
WELL NO: MSK0	SAMPLE ID: EQ	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: ESP

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 GILBOAT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1031	SAMPLING ENDED AT: 1036
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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			TOT NITRATE & SULFATE	ESP	< 400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

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 ANNUAL		
WELL NO: 1	SAMPLE ID: B35-1/DUPLICATE	DATE: 11-17-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 0.90	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (33.94 feet – 0.90 feet) x 0.16 gallons/foot = 5.2864 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):
5	7	1046	1103	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)
1057	5.50	5.50	0.50	4.90	5.36	23.19	320	0.45	14.7	YELLOW	NONE
1100	1.50	7.00	↓	4.90	5.35	23.21	326	0.46	13.0	1	1
1103	1.50	8.50	↓	4.90	5.35	23.18	324	0.50	10.2		

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):	SAMPLING INITIATED AT: 1103	SAMPLING ENDED AT: 1111
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	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, 1	PE	1000	~~1000~~ ICE		5.35	TDS, NITRATE, CHLORIDE	ESP	<400
	1, 1	↓	250	MgSO4HNO3		<2	6010, 6020		
	1, 1	↓	250	~~ESO4~~ H_2SO_4		<2	NITROGEN, NH3		
	2, 2	CG	~~40~~ 40	ICE		5.35	8011 EDB		
	3, 3	CG	~~40~~ 40	HCL		<2	8260 VOC		

REMARKS:
ORP -99.7 ORP -103.7 ORP -106.5

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 ANNUAL	
WELL NO: 2	SAMPLE ID: B35-2	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 0.91	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (17.47 feet − 0.91 feet) X 0.16 gallons/foot = 2.6496 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: 1116	PURGING ENDED AT: 1126	TOTAL VOLUME PURGED (gallons): 5.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1122	3.00	3.00	0.50	3.85	4.91	23.39	407	0.50	3.96	YELLOW	SULFUR
1124	1.00	4.00	1	3.85	4.90	23.42	405	0.50	1.66	1	1
1126	1.00	5.00	1	3.85	4.90	23.50	405	0.51	2.19	1	1

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARC GILBERT / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1126	SAMPLING ENDED AT: 1130
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	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		4.90	TDS, NITRATE, CHLORIDE	ESP	400
	1	↓	250/500	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		4.90	8011 EDB		
	3	CG	40	HCl		<2	8260 VOC		

REMARKS:
ORP -135.0 ORP -137.6 ORP -139.8

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 ANNUAL	
WELL NO: 3	SAMPLE ID: B63-1	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 1.98	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (30.44 feet – 1.98 feet) X 0.16 gallons/foot = 4.5536 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: 1150	PURGING ENDED AT: 1206	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)
1200	5.00	5.00	0.50	4.00	6.37	24.20	461	0.26	10.48	YELLOW	SULFUR
1203	1.50	6.50	1	4.02	6.35	24.21	464	0.25	10.77		
1206	1.50	8.00	1	4.04	6.35	24.20	467	0.26	13.90		

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 GIBSON / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1206	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 5	TUBING MATERIAL CODE: PE	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		6.35	TDS, NITRATE, SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN NH3		
	2	CG	40	ICE		6.35	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC	↓	↓

REMARKS:
ORP -132.2 ORP -150.4 ORP -155.2

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 SEMI ANNUAL	
WELL NO: 4	SAMPLE ID: B63-2	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 2.28	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (14.40 feet − 2.28 feet) X 0.16 gallons/foot = 1.9392 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: 1216	PURGING ENDED AT: 1230	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)
1220	2.00	2.00	0.50	4.30	6.32	24.01	864	0.37	31.20	YELLOW	SULFUR
1226	3.00	5.00	0.50	4.70	6.36	23.90	861	0.38	16.90		
1228	1.00	6.00	0.50	4.75	6.36	23.92	857	0.36	16.20		
1230	1.00	7.00	0.50	4.80	6.35	23.90	858	0.37	11.70		

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):	SAMPLING INITIATED AT: 1230	SAMPLING ENDED AT: 1234
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	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	PO	1000	ICE		6.35	300, NITRATE, CL, SULFATE	ESP	< 400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.35	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC	↓	↓

REMARKS:
ORP -153.6 ORP -165.2 ORP -171.7 ORP -175.4

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 ANNUAL	
WELL NO: 5	SAMPLE ID: FA-1B	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches): 4	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 13.15	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (97.96 feet − 13.15 feet) X 0.65 gallons/foot = 55.1765 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): 18	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18	PURGING INITIATED AT: 1305	PURGING ENDED AT: 1347	TOTAL VOLUME PURGED (gallons): 84.00

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)
1333	56.00	56.00	2.00	15.30	6.73	22.66	521	0.19	0.33	CLEAR	NONE
1340	14.00	70.00	↓	15.30	6.70	22.64	517	0.20	0.30	CLEAR	NONE
1347	14.00	84.00	↓	15.30	6.69	22.64	515	0.21	0.07	CLEAR	NONE

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):	SAMPLING INITIATED AT: 1347	SAMPLING ENDED AT: 1350
PUMP OR TUBING DEPTH IN WELL (feet): 18	TUBING MATERIAL CODE: PE	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		6.69	TDS, NITRATE, CL, SULFATE	ESP	400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.69	8011 DBS		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP 210.1 ORP 207.9 ORP 209.1

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 LANDFILL SEMI ANNUAL	
WELL NO: 6	SAMPLE ID: B34-1	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.30	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (34.08 feet – 3.30 feet) X 0.16 gallons/foot = 4.9248 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: 1358	PURGING ENDED AT: 1414	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)
1408	5.00	5.00	0.50	5.70	6.34	23.39	1165	0.39	0.46	YELLOW	NONE
1411	1.50	6.50	0.50	5.78	6.34	23.37	1165	0.41	0.26		
1414	1.50	8.00	0.50	5.82	6.34	23.34	1167	0.43	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):	SAMPLING INITIATED AT: 1414	SAMPLING ENDED AT: 1418
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	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		6.34	TDS, NITRATE, CL, SO4	FASTE ESP	<400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.34	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -179.4 ORP-180.6 ORP -181.3

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

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

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

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE	SITE LOCATION: TOMOKA SEMI ANNUAL	
WELL NO: 7	SAMPLE ID: B 34-2	DATE: 11-17-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 2.00	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (17.00 feet – 2.00 feet) X 0.16 gallons/foot = 2.40 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: 1424	PURGING ENDED AT: 1439	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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1434	2.50	2.50	0.25	4.67	6.80	23.30	1081	0.49	7.13	YELLOW	SULFER
1437	0.75	3.25	1	4.67	6.80	23.34	1088	0.48	5.17	1	1
1439	0.75	4.00		4.67	6.79	23.33	1091	0.47	2.50		

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):	SAMPLING INITIATED AT: 1439	SAMPLING ENDED AT: 1444
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	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		6.79	TDS, NITRATE, CL, SULFATE	ESP	< 400
	1	↓	250	HNO_3		< 2	6010, 6020		
	1	↓	250	H_2SO_4		< 2	NITROGEN, NH3		
	2	CG	40	ICE		6.79	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC	↓	↓

REMARKS:
ORP -197.1 ORP 202.7 ORP -208.6

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: Sample Condition Upon Receipt Form	Document Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number:_____

Client Name: VOLUSIA COUNTY SOLID WASTE, SEMI ANNUAL Project # 35164208

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

Trading # _____

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

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

Thmometer Used T107 Type of Ice: (Wet) Blue None

Coer Temperature °C 4.3 (Visual) 0.0 (Correction Factor) 4.3 (Actual)
0.6 0.0 0.6

Date and Initials of person examining contents: 11/7/14 1555

(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 ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volume	☐
Coect Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in coliance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID: _____

Pduction Code: _____

De/Time Opened: _____

Nmber 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

December 02, 2014

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

RE: Project: Tomoka LF SW
Pace Project No.: 35164296

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

CERTIFICATIONS

Project: Tomoka LF SW
Pace Project No.: 35164296

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

South Florida Certification IDs
3610 Park Central Blvd N, Pompano Beach, FL 33064
Pace Analytical Services - Pompano certification number E96080
Florida Certification #: E86240

Asheville Certification IDs
2225 Riverside Drive, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE SUMMARY

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35164296001	**EQ Blank 11/18/14**	Water	11/18/14 09:00	11/18/14 13:40
35164296002	**SW-1**	Water	11/18/14 09:30	11/18/14 13:40
35164296003	**SW-12**	Water	11/18/14 09:55	11/18/14 13:40
35164296004	**SW-11**	Water	11/18/14 10:20	11/18/14 13:40
35164296005	**SW-5**	Water	11/18/14 11:05	11/18/14 13:40
35164296006	**SW 4**	Water	11/18/14 11:30	11/18/14 13:40
35164296007	**SW 2**	Water	11/18/14 12:30	11/18/14 13:40
35164296008	**SW 3**	Water	11/18/14 13:00	11/18/14 13:40
35164296009	**Trip Blank 11/18/14**	Water	11/18/14 00:00	11/18/14 13:40

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35164296001	**EQ Blank 11/18/14**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296002	**SW-1**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296003	**SW-12**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296004	**SW-11**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296005	**SW-5**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296006	**SW 4**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296007	**SW 2**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296008	**SW 3**	EPA 8011	IRL	2	PASI-O
		EPA 6010	TAP	10	PASI-O
		EPA 6020	CRT	8	PASI-O
		SM 9222D	NMT	1	PASI-O
		EPA 1631E	SH1	1	PASI-A
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		SM 2540D	WMW	1	PASI-O
		SM 5210B	JT1	1	PASI-O
		SM10200	JT1	1	PASI-O
		TKN+NOx Calculation	AIS	1	PASI-O
		EPA 350.1	KEK	2	PASI-O
		EPA 351.2	CLS	1	PASI-O
		EPA 353.2	ADC	2	PASI-O
		EPA 365.4	CLS	1	PASI-O
		EPA 410.4	GPW	1	PASI-O
		SM 5310B	AGS	1	PASI-O
35164296009	**Trip Blank 11/18/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164296001	**EQ Blank 11/18/14**					
EPA 410.4	Chemical Oxygen Demand	14.0 I	mg/L	20.0	11/21/14 09:28	
35164296002	**SW-1**					
	Field pH	5.45	Std. Units		11/18/14 09:30	
	Field Temperature	17.80	deg C		11/18/14 09:30	
	Appearance	Color; none, Sheen: none			11/18/14 09:30	
	Field Specific Conductance	104	umhos/cm		11/18/14 09:30	
	Oxygen, Dissolved	8.10	mg/L		11/18/14 09:30	
	Turbidity	7.24	NTU		11/18/14 09:30	
EPA 6010	Barium	6.2 I	ug/L	10.0	11/22/14 00:00	
EPA 6010	Iron	34.9 I	ug/L	40.0	11/22/14 00:00	
EPA 6010	Sodium	14.3	mg/L	1.0	11/22/14 00:00	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	15.5	mg/L	3.2	11/22/14 00:00	
SM 9222D	Fecal Coliforms	82.0	CFU/100 mL	1.0	11/19/14 16:08	B
EPA 1631E	Mercury	0.00137	ug/L	0.00050	12/01/14 13:30	
SM 2540C	Total Dissolved Solids	126	mg/L	5.0	11/22/14 20:45	
SM10200	Chlorophyll a	4.4	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	0.28 I	mg/L	0.50	11/25/14 08:08	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.28 I	mg/L	0.50	11/23/14 14:56	
EPA 365.4	Phosphorus, Total (as P)	0.21	mg/L	0.10	11/23/14 14:56	
EPA 410.4	Chemical Oxygen Demand	27.2	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	5.3	mg/L	1.0	11/21/14 05:58	
35164296003	**SW-12**					
	Field pH	7.16	Std. Units		11/18/14 09:55	
	Field Temperature	18.50	deg C		11/18/14 09:55	
	Appearance	Color: none, Sheen: none			11/18/14 09:55	
	Field Specific Conductance	417	umhos/cm		11/18/14 09:55	
	Oxygen, Dissolved	6.53	mg/L		11/18/14 09:55	
	Turbidity	10.47	NTU		11/18/14 09:55	
EPA 6010	Barium	34.3	ug/L	10.0	11/22/14 00:04	
EPA 6010	Iron	190	ug/L	40.0	11/22/14 00:04	
EPA 6010	Sodium	27.7	mg/L	1.0	11/22/14 00:04	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	148	mg/L	3.2	11/22/14 00:04	
EPA 6020	Antimony	0.79 I	ug/L	1.0	11/26/14 04:56	
EPA 6020	Selenium	0.65 I	ug/L	1.0	11/26/14 04:56	
SM 9222D	Fecal Coliforms	112	CFU/100 mL	1.0	11/19/14 16:08	B
EPA 1631E	Mercury	0.00212	ug/L	0.00050	12/01/14 13:37	
SM 2540C	Total Dissolved Solids	321	mg/L	5.0	11/22/14 20:46	
SM 2540D	Total Suspended Solids	5.5	mg/L	5.0	11/24/14 07:00	
SM10200	Chlorophyll a	10.5	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	0.90	mg/L	0.50	11/25/14 08:08	
EPA 350.1	Nitrogen, Ammonia	0.13	mg/L	0.050	11/20/14 11:21	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164296003	**SW-12**					
EPA 351.2	Nitrogen, Kjeldahl, Total	0.78	mg/L	0.50	11/23/14 14:58	
EPA 353.2	Nitrogen, Nitrate	0.11	mg/L	0.050	11/18/14 16:36	
EPA 353.2	Nitrogen, NO2 plus NO3	0.12	mg/L	0.050	11/18/14 16:36	
EPA 410.4	Chemical Oxygen Demand	46.3	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	11.3	mg/L	1.0	11/21/14 06:13	
35164296004	**SW-11**					
	Field pH	6.63	Std. Units		11/18/14 10:20	
	Field Temperature	17.48	deg C		11/18/14 10:20	
	Appearance	Color: none, Sheen: none			11/18/14 10:20	
	Field Specific Conductance	364	umhos/cm		11/18/14 10:20	
	Oxygen, Dissolved	4.25	mg/L		11/18/14 10:20	
	Turbidity	3.79	NTU		11/18/14 10:20	
EPA 6010	Barium	30.9	ug/L	10.0	11/22/14 00:08	
EPA 6010	Iron	163	ug/L	40.0	11/22/14 00:08	
EPA 6010	Sodium	24.6	mg/L	1.0	11/22/14 00:08	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	148	mg/L	3.2	11/22/14 00:08	
SM 9222D	Fecal Coliforms	200	CFU/100 mL	1.0	11/19/14 16:08	B
EPA 1631E	Mercury	0.00172	ug/L	0.00050	12/01/14 14:16	
SM 2540C	Total Dissolved Solids	278	mg/L	5.0	11/22/14 20:46	
SM 2540D	Total Suspended Solids	5.5	mg/L	5.0	11/24/14 07:00	
SM10200	Chlorophyll a	6.1	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	0.73	mg/L	0.50	11/25/14 08:08	
EPA 350.1	Nitrogen, Ammonia	0.047 I	mg/L	0.050	11/20/14 11:23	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.69	mg/L	0.50	11/23/14 15:02	
EPA 353.2	Nitrogen, Nitrate	0.047 I	mg/L	0.050	11/18/14 16:38	
EPA 353.2	Nitrogen, NO2 plus NO3	0.047 I	mg/L	0.050	11/18/14 16:38	
EPA 410.4	Chemical Oxygen Demand	38.7	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	12.0	mg/L	1.0	11/21/14 06:29	
35164296005	**SW-5**					
	Field pH	6.76	Std. Units		11/18/14 11:05	
	Field Temperature	15.94	deg C		11/18/14 11:05	
	Appearance	Color: Yellow, Sheen: none			11/18/14 11:05	
	Field Specific Conductance	446	umhos/cm		11/18/14 11:05	
	Oxygen, Dissolved	4.05	mg/L		11/18/14 11:05	
	Turbidity	4.06	NTU		11/18/14 11:05	
EPA 6010	Barium	40.7	ug/L	10.0	11/22/14 00:12	
EPA 6010	Iron	1160	ug/L	40.0	11/22/14 00:12	
EPA 6010	Sodium	28.6	mg/L	1.0	11/22/14 00:12	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	193	mg/L	3.2	11/22/14 00:12	
SM 9222D	Fecal Coliforms	22.0	CFU/100 mL	1.0	11/19/14 16:08	
EPA 1631E	Mercury	0.00172	ug/L	0.00050	12/01/14 14:24	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164296005	**SW-5**					
SM 2540C	Total Dissolved Solids	308	mg/L	5.0	11/22/14 20:46	
SM10200	Chlorophyll a	11.3	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	1.8	mg/L	0.50	11/25/14 08:08	
EPA 350.1	Nitrogen, Ammonia	0.90	mg/L	0.050	11/20/14 11:25	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.7	mg/L	0.50	11/23/14 15:03	
EPA 353.2	Nitrogen, Nitrate	0.050 I	mg/L	0.050	11/18/14 16:39	
EPA 353.2	Nitrogen, NO2 plus NO3	0.071	mg/L	0.050	11/18/14 16:39	
EPA 365.4	Phosphorus, Total (as P)	0.088 I	mg/L	0.10	11/23/14 15:03	
EPA 410.4	Chemical Oxygen Demand	51.6	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	18.0	mg/L	1.0	11/21/14 06:44	
35164296006	**SW 4**					
	Field pH	6.39	Std. Units		11/18/14 11:30	
	Field Temperature	15.28	deg C		11/18/14 11:30	
	Appearance	Color: Yellow, Sheen: none			11/18/14 11:30	
	Field Specific Conductance	404	umhos/cm		11/18/14 11:30	
	Oxygen, Dissolved	3.10	mg/L		11/18/14 11:30	
	Turbidity	1.57	NTU		11/18/14 11:30	
EPA 6010	Barium	24.9	ug/L	10.0	11/22/14 00:17	
EPA 6010	Iron	208	ug/L	40.0	11/22/14 00:17	
EPA 6010	Sodium	36.3	mg/L	1.0	11/22/14 00:17	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	133	mg/L	3.2	11/22/14 00:17	
SM 9222D	Fecal Coliforms	69.0	CFU/100 mL	1.0	11/19/14 16:08	B
EPA 1631E	Mercury	0.00137	ug/L	0.00050	12/01/14 16:23	
SM 2540C	Total Dissolved Solids	318	mg/L	5.0	11/22/14 20:46	
SM 2540D	Total Suspended Solids	4.3	mg/L	1.0	11/24/14 07:00	
SM10200	Chlorophyll a	5.2	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	0.84	mg/L	0.50	11/25/14 08:08	
EPA 350.1	Nitrogen, Ammonia	0.021 I	mg/L	0.050	11/20/14 11:27	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.84	mg/L	0.50	11/23/14 15:05	
EPA 410.4	Chemical Oxygen Demand	54.0	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	18.2	mg/L	1.0	11/21/14 07:02	
35164296007	**SW 2**					
	Field pH	6.84	Std. Units		11/18/14 12:30	
	Field Temperature	16.26	deg C		11/18/14 12:30	
	Appearance	Color: Yellow, Sheen: none			11/18/14 12:30	
	Field Specific Conductance	394	umhos/cm		11/18/14 12:30	
	Oxygen, Dissolved	3.96	mg/L		11/18/14 12:30	
	Turbidity	0.98	NTU		11/18/14 12:30	
EPA 6010	Barium	28.8	ug/L	10.0	11/22/14 00:21	
EPA 6010	Iron	142	ug/L	40.0	11/22/14 00:21	
EPA 6010	Sodium	35.9	mg/L	1.0	11/22/14 00:21	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164296007	**SW 2**					
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	133	mg/L	3.2	11/22/14 00:21	
SM 9222D	Fecal Coliforms	40.0	CFU/100 mL	1.0	11/19/14 16:08	
EPA 1631E	Mercury	0.00111	ug/L	0.00050	12/01/14 16:30	
SM 2540C	Total Dissolved Solids	279	mg/L	5.0	11/22/14 20:47	
SM10200	Chlorophyll a	6.3	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	1.0	mg/L	0.50	11/25/14 08:08	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.94	mg/L	0.50	11/23/14 15:06	
EPA 353.2	Nitrogen, Nitrate	0.069	mg/L	0.050	11/18/14 16:44	
EPA 353.2	Nitrogen, NO2 plus NO3	0.071	mg/L	0.050	11/18/14 16:44	
EPA 410.4	Chemical Oxygen Demand	57.0	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	14.3	mg/L	1.0	11/21/14 07:57	
35164296008	**SW 3**					
	Field pH	6.48	Std. Units		11/18/14 13:00	
	Field Temperature	15.60	deg C		11/18/14 13:00	
	Appearance	Color: Yellow, Sheen: none			11/18/14 13:00	
	Field Specific Conductance	284	umhos/cm		11/18/14 13:00	
	Oxygen, Dissolved	1.40	mg/L		11/18/14 13:00	
	Turbidity	1.68	NTU		11/18/14 13:00	
EPA 6010	Barium	20.5	ug/L	10.0	11/22/14 00:38	
EPA 6010	Iron	262	ug/L	40.0	11/22/14 00:38	
EPA 6010	Sodium	16.7	mg/L	1.0	11/22/14 00:38	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B	115	mg/L	3.2	11/22/14 00:38	
SM 9222D	Fecal Coliforms	11.0	CFU/100 mL	1.0	11/19/14 16:08	
EPA 1631E	Mercury	0.00213	ug/L	0.00050	12/01/14 14:32	
SM 2540C	Total Dissolved Solids	216	mg/L	5.0	11/22/14 20:53	
SM10200	Chlorophyll a	5.0	ug/L	1.0	12/01/14 17:05	
TKN+NOx Calculation	Total Nitrogen	0.55	mg/L	0.50	11/25/14 08:08	
EPA 351.2	Nitrogen, Kjeldahl, Total	0.55	mg/L	0.50	11/23/14 15:07	
EPA 410.4	Chemical Oxygen Demand	55.2	mg/L	20.0	11/21/14 09:28	
SM 5310B	Total Organic Carbon	18.9	mg/L	1.0	11/21/14 08:42	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: EQ Blank 11/18/14 **Lab ID: 35164296001** Collected: 11/18/14 09:00 Received: 11/18/14 13:40 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	**0.0053U**	ug/L	0.022	0.0053	1	11/20/14 13:10	11/21/14 02:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/20/14 13:10	11/21/14 02:48	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 23:43	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 23:43	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 23:43	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 23:43	7440-48-4	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/20/14 16:55	11/21/14 23:43	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 23:43	7440-02-0	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/20/14 16:55	11/21/14 23:43	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1.6U**	mg/L	3.2	1.6	1	11/20/14 16:55	11/21/14 23:43		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 23:43	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/21/14 23:43	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:44	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:44	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:44	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 04:44	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:44	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:44	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:44	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:44	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	11/18/14 15:18	11/19/14 16:08		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00050U**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 16:15	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 15:25	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:25	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 15:25	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 15:25	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:25	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:25	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: EQ Blank 11/18/14 **Lab ID: 35164296001** Collected: 11/18/14 09:00 Received: 11/18/14 13:40 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		11/23/14 15:25	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 15:25	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 15:25	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:25	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 15:25	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 15:25	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:25	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 15:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:25	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 15:25	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 15:25	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 15:25	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/23/14 15:25	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	86-125		1		11/23/14 15:25	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/23/14 15:25	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/22/14 06:11		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 13:39	11/24/14 14:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: EQ Blank 11/18/14 **Lab ID: 35164296001** Collected: 11/18/14 09:00 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**1.0U**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.25U**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:17	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:17		
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	11/20/14 08:30	11/23/14 14:52	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:34		
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:34		
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	11/20/14 08:30	11/23/14 14:52	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**14.0 I**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**0.50U**	mg/L	1.0	0.50	1		11/21/14 05:43	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-1 **Lab ID: 35164296002** Collected: 11/18/14 09:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.45**	Std. Units			1		11/18/14 09:30		
Field Temperature	**17.80**	deg C			1		11/18/14 09:30		
Appearance	**Color; none, Sheen: none**				1		11/18/14 09:30		
Field Specific Conductance	**104**	umhos/cm			1		11/18/14 09:30		
Oxygen, Dissolved	**8.10**	mg/L			1		11/18/14 09:30	7782-44-7	
Turbidity	**7.24**	NTU			1		11/18/14 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	11/20/14 13:10	11/21/14 03:03	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/20/14 13:10	11/21/14 03:03	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:00	7440-38-2	
Barium	**6.2 I**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:00	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:00	7440-48-4	
Iron	**34.9 I**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:00	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:00	7440-02-0	
Sodium	**14.3**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:00	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**15.5**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:00		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:00	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:47	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:47	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:47	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 04:47	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:47	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:47	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:47	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:47	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**82.0**	CFU/100 mL	1.0	1.0	1	11/18/14 15:18	11/19/14 16:08		B
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00137**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 13:30	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 16:38	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 16:38	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-1 **Lab ID: 35164296002** Collected: 11/18/14 09:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 16:38	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 16:38	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 16:38	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 16:38	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 16:38	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 16:38	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 16:38	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 16:38	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 16:38	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 16:38	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 16:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 16:38	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 16:38	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 16:38	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 16:38	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 16:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/23/14 16:38	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	86-125		1		11/23/14 16:38	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-1 **Lab ID: 35164296002** Collected: 11/18/14 09:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	106	%	87-113		1		11/23/14 16:38	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**126**	mg/L	5.0	5.0	1		11/22/14 20:45		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 13:48	11/24/14 14:32		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**4.4**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.28 I**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:19	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:19		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.28 I**	mg/L	0.50	0.086	1	11/20/14 08:30	11/23/14 14:56	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:35		
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:35		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.21**	mg/L	0.10	0.050	1	11/20/14 08:30	11/23/14 14:56	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**27.2**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**5.3**	mg/L	1.0	0.50	1		11/21/14 05:58	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-12 **Lab ID: 35164296003** Collected: 11/18/14 09:55 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**7.16**	Std. Units			1		11/18/14 09:55		
Field Temperature	**18.50**	deg C			1		11/18/14 09:55		
Appearance	**Color: none, Sheen: none**				1		11/18/14 09:55		
Field Specific Conductance	**417**	umhos/cm			1		11/18/14 09:55		
Oxygen, Dissolved	**6.53**	mg/L			1		11/18/14 09:55	7782-44-7	
Turbidity	**10.47**	NTU			1		11/18/14 09:55		
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	11/20/14 13:10	11/21/14 03:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 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	11/20/14 16:55	11/22/14 00:04	7440-38-2	
Barium	**34.3**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:04	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:04	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:04	7440-48-4	
Iron	**190**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:04	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:04	7440-02-0	
Sodium	**27.7**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:04	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**148**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:04		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:04	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:04	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.79 I**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:56	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:56	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:56	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 04:56	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:56	7439-92-1	
Selenium	**0.65 I**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:56	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 04:56	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 04:56	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**112**	CFU/100 mL	1.0	1.0	1	11/18/14 15:18	11/19/14 16:08		B
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00212**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 13:37	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 17:27	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:27	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-12 **Lab ID: 35164296003** Collected: 11/18/14 09:55 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 17:27	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 17:27	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:27	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:27	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 17:27	74-87-3	J(L2), J(M0)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 17:27	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:27	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 17:27	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 17:27	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:27	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 17:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:27	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 17:27	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 17:27	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 17:27	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/23/14 17:27	460-00-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-12 **Lab ID: 35164296003** Collected: 11/18/14 09:55 Received: 11/18/14 13:40 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)	95	%	86-125		1		11/23/14 17:27	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/23/14 17:27	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**321**	mg/L	5.0	5.0	1		11/22/14 20:46		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.5**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 13:57	11/24/14 14:33		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**10.5**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.90**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.13**	mg/L	0.050	0.020	1		11/20/14 11:21	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:21		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.78**	mg/L	0.50	0.086	1	11/20/14 08:30	11/23/14 14:58	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.11**	mg/L	0.050	0.025	1		11/18/14 16:36		
Nitrogen, NO2 plus NO3	**0.12**	mg/L	0.050	0.025	1		11/18/14 16:36		
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	11/20/14 08:30	11/23/14 14:58	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**46.3**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**11.3**	mg/L	1.0	0.50	1		11/21/14 06:13	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-11 **Lab ID: 35164296004** Collected: 11/18/14 10:20 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.63**	Std. Units			1		11/18/14 10:20		
Field Temperature	**17.48**	deg C			1		11/18/14 10:20		
Appearance	**Color: none, Sheen: none**				1		11/18/14 10:20		
Field Specific Conductance	**364**	umhos/cm			1		11/18/14 10:20		
Oxygen, Dissolved	**4.25**	mg/L			1		11/18/14 10:20	7782-44-7	
Turbidity	**3.79**	NTU			1		11/18/14 10:20		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	11/20/14 13:10	11/21/14 03:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	11/20/14 13:10	11/21/14 03:33	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:08	7440-38-2	
Barium	**30.9**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:08	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:08	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:08	7440-48-4	
Iron	**163**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:08	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:08	7440-02-0	
Sodium	**24.6**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:08	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**148**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:08		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:08	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:08	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:09	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:09	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:09	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 05:09	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:09	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:09	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:09	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:09	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**200**	CFU/100 mL	1.0	1.0	1	11/18/14 15:18	11/19/14 16:08		B
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00172**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 14:16	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 17:51	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:51	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-11 **Lab ID: 35164296004** Collected: 11/18/14 10:20 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 17:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 17:51	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:51	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 17:51	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 17:51	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:51	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 17:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 17:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:51	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 17:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 17:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 17:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 17:51	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 17:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/23/14 17:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	86-125		1		11/23/14 17:51	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-11 **Lab ID: 35164296004** Collected: 11/18/14 10:20 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	102	%	87-113		1		11/23/14 17:51	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**278**	mg/L	5.0	5.0	1		11/22/14 20:46		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.5**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 14:01	11/24/14 14:35		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**6.1**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.73**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.047 I**	mg/L	0.050	0.020	1		11/20/14 11:23	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:23		
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	11/20/14 08:30	11/23/14 15:02	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.047 I**	mg/L	0.050	0.025	1		11/18/14 16:38		
Nitrogen, NO2 plus NO3	**0.047 I**	mg/L	0.050	0.025	1		11/18/14 16:38		
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	11/20/14 08:30	11/23/14 15:02	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**38.7**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**12.0**	mg/L	1.0	0.50	1		11/21/14 06:29	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-5 **Lab ID: 35164296005** Collected: 11/18/14 11:05 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.76**	Std. Units			1		11/18/14 11:05		
Field Temperature	**15.94**	deg C			1		11/18/14 11:05		
Appearance	**Color: Yellow, Sheen: none**				1		11/18/14 11:05		
Field Specific Conductance	**446**	umhos/cm			1		11/18/14 11:05		
Oxygen, Dissolved	**4.05**	mg/L			1		11/18/14 11:05	7782-44-7	
Turbidity	**4.06**	NTU			1		11/18/14 11:05		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.021	0.0053	1	11/20/14 13:10	11/21/14 03:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/20/14 13:10	11/21/14 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	11/20/14 16:55	11/22/14 00:12	7440-38-2	
Barium	**40.7**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:12	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:12	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:12	7440-48-4	
Iron	**1160**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:12	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:12	7440-02-0	
Sodium	**28.6**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:12	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**193**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:12		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:12	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:12	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:12	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:12	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:12	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 05:12	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:12	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:12	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:12	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:12	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**22.0**	CFU/100 mL	1.0	1.0	1	11/18/14 15:18	11/19/14 16:08		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00172**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 14:24	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 18:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:16	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-5 **Lab ID: 35164296005** Collected: 11/18/14 11:05 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 18:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 18:16	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 18:16	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 18:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 18:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 18:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 18:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 18:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 18:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 18:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/23/14 18:16	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	86-125		1		11/23/14 18:16	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW-5 **Lab ID: 35164296005** Collected: 11/18/14 11:05 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	103	%	87-113		1		11/23/14 18:16	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**308**	mg/L	5.0	5.0	1		11/22/14 20:46		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 14:05	11/24/14 14:36		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**11.3**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**1.8**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.90**	mg/L	0.050	0.020	1		11/20/14 11:25	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:25		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**1.7**	mg/L	0.50	0.086	1	11/20/14 08:30	11/23/14 15:03	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.050 I**	mg/L	0.050	0.025	1		11/18/14 16:39		
Nitrogen, NO2 plus NO3	**0.071**	mg/L	0.050	0.025	1		11/18/14 16:39		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	**0.088 I**	mg/L	0.10	0.050	1	11/20/14 08:30	11/23/14 15:03	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**51.6**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**18.0**	mg/L	1.0	0.50	1		11/21/14 06:44	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 4 **Lab ID: 35164296006** Collected: 11/18/14 11:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.39**	Std. Units			1		11/18/14 11:30		
Field Temperature	**15.28**	deg C			1		11/18/14 11:30		
Appearance	**Color: Yellow, Sheen: none**				1		11/18/14 11:30		
Field Specific Conductance	**404**	umhos/cm			1		11/18/14 11:30		
Oxygen, Dissolved	**3.10**	mg/L			1		11/18/14 11:30	7782-44-7	
Turbidity	**1.57**	NTU			1		11/18/14 11:30		
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	11/20/14 13:10	11/21/14 04:18	96-12-8	
1,2-Dibromoethane (EDB)	**0.0064U**	ug/L	0.010	0.0064	1	11/20/14 13:10	11/21/14 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	11/20/14 16:55	11/22/14 00:17	7440-38-2	
Barium	**24.9**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:17	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:17	7440-48-4	
Iron	**208**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:17	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:17	7440-02-0	
Sodium	**36.3**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:17	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**133**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:17		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:17	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:15	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:15	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:15	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 05:15	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:15	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:15	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:15	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:15	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**69.0**	CFU/100 mL	1.0	1.0	1	11/18/14 15:18	11/19/14 16:08		B
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00137**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 16:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 18:40	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:40	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 4 **Lab ID: 35164296006** Collected: 11/18/14 11:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 18:40	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 18:40	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:40	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:40	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 18:40	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 18:40	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:40	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 18:40	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 18:40	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:40	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 18:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 18:40	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 18:40	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 18:40	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 18:40	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 18:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/23/14 18:40	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		11/23/14 18:40	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 4 **Lab ID: 35164296006** Collected: 11/18/14 11:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	105	%	87-113		1		11/23/14 18:40	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**318**	mg/L	5.0	5.0	1		11/22/14 20:46		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**4.3**	mg/L	1.0	1.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 14:11	11/24/14 14:37		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**5.2**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.84**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.021 I**	mg/L	0.050	0.020	1		11/20/14 11:27	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:27		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.84**	mg/L	0.50	0.086	1	11/20/14 08:30	11/23/14 15:05	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:43		
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:43		
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	11/20/14 08:30	11/23/14 15:05	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**54.0**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**18.2**	mg/L	1.0	0.50	1		11/21/14 07:02	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 2 **Lab ID: 35164296007** Collected: 11/18/14 12:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.84**	Std. Units			1		11/18/14 12:30		
Field Temperature	**16.26**	deg C			1		11/18/14 12:30		
Appearance	**Color: Yellow, Sheen: none**				1		11/18/14 12:30		
Field Specific Conductance	**394**	umhos/cm			1		11/18/14 12:30		
Oxygen, Dissolved	**3.96**	mg/L			1		11/18/14 12:30	7782-44-7	
Turbidity	**0.98**	NTU			1		11/18/14 12:30		
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	11/20/14 13:10	11/21/14 04:33	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/20/14 13:10	11/21/14 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	11/20/14 16:55	11/22/14 00:21	7440-38-2	
Barium	**28.8**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:21	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:21	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:21	7440-48-4	
Iron	**142**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:21	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:21	7440-02-0	
Sodium	**35.9**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:21	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**133**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:21		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:21	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:21	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:27	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:27	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:27	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 05:27	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:27	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:27	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:27	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:27	7440-28-0	
9222D Fecal Coliform	Analytical Method: SM 9222D Preparation Method: SM 9222D								
Fecal Coliforms	**40.0**	CFU/100 mL	1.0	1.0	1	11/18/14 15:18	11/19/14 16:08		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00111**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 16:30	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 19:05	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:05	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 2 **Lab ID: 35164296007** Collected: 11/18/14 12:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 19:05	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 19:05	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:05	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:05	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 19:05	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 19:05	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:05	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 19:05	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 19:05	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:05	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 19:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:05	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 19:05	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 19:05	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 19:05	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		11/23/14 19:05	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	86-125		1		11/23/14 19:05	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 2 **Lab ID: 35164296007** Collected: 11/18/14 12:30 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	103	%	87-113		1		11/23/14 19:05	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**279**	mg/L	5.0	5.0	1		11/22/14 20:47		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 14:08	11/24/14 14:38		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**6.3**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**1.0**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:29	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:29		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.94**	mg/L	0.50	0.086	1	11/20/14 08:30	11/23/14 15:06	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.069**	mg/L	0.050	0.025	1		11/18/14 16:44		
Nitrogen, NO2 plus NO3	**0.071**	mg/L	0.050	0.025	1		11/18/14 16:44		
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	11/20/14 08:30	11/23/14 15:06	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**57.0**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**14.3**	mg/L	1.0	0.50	1		11/21/14 07:57	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 3 **Lab ID: 35164296008** Collected: 11/18/14 13:00 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.48**	Std. Units			1		11/18/14 13:00		
Field Temperature	**15.60**	deg C			1		11/18/14 13:00		
Appearance	**Color: Yellow, Sheen: none**				1		11/18/14 13:00		
Field Specific Conductance	**284**	umhos/cm			1		11/18/14 13:00		
Oxygen, Dissolved	**1.40**	mg/L			1		11/18/14 13:00	7782-44-7	
Turbidity	**1.68**	NTU			1		11/18/14 13:00		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0052U**	ug/L	0.021	0.0052	1	11/20/14 13:10	11/21/14 04:48	96-12-8	
1,2-Dibromoethane (EDB)	**0.0065U**	ug/L	0.011	0.0065	1	11/20/14 13:10	11/21/14 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	11/20/14 16:55	11/22/14 00:38	7440-38-2	
Barium	**20.5**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:38	7440-39-3	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:38	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:38	7440-48-4	
Iron	**262**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 00:38	7439-89-6	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 00:38	7440-02-0	
Sodium	**16.7**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 00:38	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**115**	mg/L	3.2	1.6	1	11/20/14 16:55	11/22/14 00:38		
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 00:38	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 00:38	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:30	7440-36-0	
Beryllium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:30	7440-41-7	
Cadmium	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:30	7440-43-9	
Copper	**0.93U**	ug/L	1.0	0.93	1	11/20/14 16:55	11/26/14 05:30	7440-50-8	
Lead	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:30	7439-92-1	
Selenium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:30	7782-49-2	
Silver	**0.050U**	ug/L	0.10	0.050	1	11/20/14 16:55	11/26/14 05:30	7440-22-4	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 05:30	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	11/18/14 15:18	11/19/14 16:08		
1631E Mercury,Low Level	Analytical Method: EPA 1631E Preparation Method: EPA 1631E								
Mercury	**0.00213**	ug/L	0.00050	0.00050	1	11/26/14 14:00	12/01/14 14:32	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/23/14 19:29	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:29	107-13-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 3 **Lab ID: 35164296008** Collected: 11/18/14 13:00 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 19:29	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 19:29	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:29	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:29	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 19:29	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 19:29	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:29	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 19:29	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 19:29	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:29	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 19:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 19:29	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 19:29	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 19:29	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 19:29	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 19:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/23/14 19:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	86-125		1		11/23/14 19:29	17060-07-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: SW 3 **Lab ID: 35164296008** Collected: 11/18/14 13:00 Received: 11/18/14 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	105	%	87-113		1		11/23/14 19:29	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**216**	mg/L	5.0	5.0	1		11/22/14 20:53		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	**5.0U**	mg/L	5.0	5.0	1		11/24/14 07:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	**2.0U**	mg/L	2.0	2.0	1	11/19/14 14:13	11/24/14 14:39		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	**5.0**	ug/L	1.0	1.0	1	10/18/14 10:25	12/01/14 17:05		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	**0.55**	mg/L	0.50	0.25	1		11/25/14 08:08		
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:31	7664-41-7	
Nitrogen, Ammonia (Unionized)	**0.020U**	mg/L	0.050	0.020	1		11/20/14 11:31		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**0.55**	mg/L	0.50	0.086	1	11/20/14 08:30	11/23/14 15:07	7727-37-9	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:45		
Nitrogen, NO2 plus NO3	**0.025U**	mg/L	0.050	0.025	1		11/18/14 16:45		
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	11/20/14 08:30	11/23/14 15:07	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	**55.2**	mg/L	20.0	12.5	1		11/21/14 09:28		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	**18.9**	mg/L	1.0	0.50	1		11/21/14 08:42	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: Trip Blank 11/18/14 **Lab ID: 35164296009** Collected: 11/18/14 00:00 Received: 11/18/14 13:40 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		11/23/14 15:50	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:50	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/23/14 15:50	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/23/14 15:50	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:50	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:50	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/23/14 15:50	74-87-3	J(L2)
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/23/14 15:50	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/23/14 15:50	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:50	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 15:50	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/23/14 15:50	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:50	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/23/14 15:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/23/14 15:50	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/23/14 15:50	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/23/14 15:50	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/23/14 15:50	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/23/14 15:50	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka LF SW
Pace Project No.: 35164296

Sample: Trip Blank 11/18/14 **Lab ID: 35164296009** Collected: 11/18/14 00:00 Received: 11/18/14 13:40 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		11/23/14 15:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/23/14 15:50	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	86-125		1		11/23/14 15:50	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/23/14 15:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: MBIO/15531 Analysis Method: SM 9222D
QC Batch Method: SM 9222D Analysis Description: 9222D MBIO Fecal Coliform
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1063550 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0	11/19/14 16:08	

SAMPLE DUPLICATE: 1063551

Parameter	Units	35164282002 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0U		20	

SAMPLE DUPLICATE: 1063552

Parameter	Units	35164290003 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	120	120	0	20	Z

SAMPLE DUPLICATE: 1063553

Parameter	Units	35164334001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0U		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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: MERP/7351 Analysis Method: EPA 1631E
QC Batch Method: EPA 1631E Analysis Description: 1631E Mercury,Low Level
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1340089 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00050U	0.00050	12/01/14 12:29	

METHOD BLANK: 1340090 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00050U	0.00050	12/01/14 14:39	

METHOD BLANK: 1340091 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00050U	0.00050	12/01/14 16:38	

LABORATORY CONTROL SAMPLE: 1340092

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	.005	0.00482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1340093 1340094

Parameter	Units	92226928002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	11.3 ng/L	.025	.025	0.0414	0.0422	120	124	71-125	2	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1340095 1340096

Parameter	Units	35164537001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.881 ng/L	.025	.025	0.0314	0.0309	122	120	71-125	2	24	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: MPRP/21606 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062463 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/21/14 22:51	
Barium	ug/L	5.0U	10.0	11/21/14 22:51	
Chromium	ug/L	2.5U	5.0	11/21/14 22:51	
Cobalt	ug/L	5.0U	10.0	11/21/14 22:51	
Iron	ug/L	20.0U	40.0	11/21/14 22:51	
Nickel	ug/L	2.5U	5.0	11/21/14 22:51	
Sodium	mg/L	0.50U	1.0	11/21/14 22:51	
Tot Hardness asCaCO3 (SM 2340B	mg/L	1.6U	3.2	11/21/14 22:51	
Vanadium	ug/L	5.0U	10.0	11/21/14 22:51	
Zinc	ug/L	10.0U	20.0	11/21/14 22:51	

LABORATORY CONTROL SAMPLE: 1062464

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	240	96	80-120	
Barium	ug/L	250	248	99	80-120	
Chromium	ug/L	250	251	100	80-120	
Cobalt	ug/L	250	252	101	80-120	
Iron	ug/L	2500	2350	94	80-120	
Nickel	ug/L	250	257	103	80-120	
Sodium	mg/L	12.5	12.6	101	80-120	
Tot Hardness asCaCO3 (SM 2340B	mg/L	82.7	79.4	96	80-120	
Vanadium	ug/L	250	247	99	80-120	
Zinc	ug/L	1250	1220	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062465 1062466

Parameter	Units	35163859002 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	243	243	97	97	75-125	0	20	
Barium	ug/L	25.8	250	250	288	289	105	105	75-125	1	20	
Chromium	ug/L	2.5U	250	250	252	250	100	100	75-125	1	20	
Cobalt	ug/L	5.0U	250	250	250	250	100	100	75-125	0	20	
Iron	ug/L	404	2500	2500	2860	2850	98	98	75-125	0	20	
Nickel	ug/L	2.5U	250	250	256	253	102	101	75-125	1	20	
Sodium	mg/L	7.3	12.5	12.5	21.0	20.9	109	108	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062465 1062466

Parameter	Units	35163859002 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	191000 ug/L	82.7	82.7	278	276	106	103	75-125	1	20	
Vanadium	ug/L	5.0U	250	250	248	249	99	99	75-125	0	20	
Zinc	ug/L	10.0U	1250	1250	1220	1230	98	98	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: MPRP/21607 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062471 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/26/14 04:29	
Beryllium	ug/L	0.050U	0.10	11/26/14 04:29	
Cadmium	ug/L	0.050U	0.10	11/26/14 04:29	
Copper	ug/L	0.93U	1.0	11/26/14 04:29	
Lead	ug/L	0.50U	1.0	11/26/14 04:29	
Selenium	ug/L	0.50U	1.0	11/26/14 04:29	
Silver	ug/L	0.050U	0.10	11/26/14 04:29	
Thallium	ug/L	0.50U	1.0	11/26/14 04:29	

LABORATORY CONTROL SAMPLE: 1062472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.5	95	80-120	
Beryllium	ug/L	5	5.1	101	80-120	
Cadmium	ug/L	5	4.8	96	80-120	
Copper	ug/L	50	50.9	102	80-120	
Lead	ug/L	50	49.5	99	80-120	
Selenium	ug/L	50	46.1	92	80-120	
Silver	ug/L	5	5.1	102	80-120	
Thallium	ug/L	50	50.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062473 1062474

Parameter	Units	35164296002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	47.4	47.9	94	95	75-125	1	20	
Beryllium	ug/L	0.050U	5	5	4.8	5.0	96	100	75-125	4	20	
Cadmium	ug/L	0.050U	5	5	5.0	4.8	100	95	75-125	4	20	
Copper	ug/L	0.93U	50	50	49.2	49.5	98	99	75-125	0	20	
Lead	ug/L	0.50U	50	50	50.8	51.6	101	103	75-125	1	20	
Selenium	ug/L	0.50U	50	50	44.5	45.0	89	89	75-125	1	20	
Silver	ug/L	0.050U	5	5	5.1	5.1	101	102	75-125	1	20	
Thallium	ug/L	0.50U	50	50	51.5	52.0	103	104	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: MSV/13345 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008, 35164296009

METHOD BLANK: 1065169 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008, 35164296009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/23/14 14:12	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/23/14 14:12	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/23/14 14:12	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/23/14 14:12	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/23/14 14:12	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/23/14 14:12	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/23/14 14:12	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/23/14 14:12	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/23/14 14:12	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/23/14 14:12	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/23/14 14:12	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/23/14 14:12	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/23/14 14:12	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/23/14 14:12	
2-Hexanone	ug/L	5.0U	10.0	11/23/14 14:12	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/23/14 14:12	
Acetone	ug/L	10.0U	20.0	11/23/14 14:12	
Acrylonitrile	ug/L	5.0U	10.0	11/23/14 14:12	
Benzene	ug/L	0.10U	1.0	11/23/14 14:12	
Bromochloromethane	ug/L	0.50U	1.0	11/23/14 14:12	
Bromodichloromethane	ug/L	0.27U	0.60	11/23/14 14:12	
Bromoform	ug/L	0.50U	1.0	11/23/14 14:12	
Bromomethane	ug/L	0.50U	1.0	11/23/14 14:12	
Carbon disulfide	ug/L	5.0U	10.0	11/23/14 14:12	
Carbon tetrachloride	ug/L	0.50U	1.0	11/23/14 14:12	
Chlorobenzene	ug/L	0.50U	1.0	11/23/14 14:12	
Chloroethane	ug/L	0.50U	1.0	11/23/14 14:12	
Chloroform	ug/L	0.50U	1.0	11/23/14 14:12	
Chloromethane	ug/L	0.62U	1.0	11/23/14 14:12	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/23/14 14:12	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/23/14 14:12	
Dibromochloromethane	ug/L	0.26U	0.50	11/23/14 14:12	
Dibromomethane	ug/L	0.50U	1.0	11/23/14 14:12	
Ethylbenzene	ug/L	0.50U	1.0	11/23/14 14:12	
Iodomethane	ug/L	0.50U	1.0	11/23/14 14:12	
Methylene Chloride	ug/L	2.5U	5.0	11/23/14 14:12	
Styrene	ug/L	0.50U	1.0	11/23/14 14:12	
Tetrachloroethene	ug/L	0.50U	1.0	11/23/14 14:12	
Toluene	ug/L	0.50U	1.0	11/23/14 14:12	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/23/14 14:12	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

METHOD BLANK: 1065169 Matrix: Water

Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008, 35164296009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/23/14 14:12	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/23/14 14:12	
Trichloroethene	ug/L	0.50U	1.0	11/23/14 14:12	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/23/14 14:12	
Vinyl acetate	ug/L	1.0U	2.0	11/23/14 14:12	
Vinyl chloride	ug/L	0.50U	1.0	11/23/14 14:12	
Xylene (Total)	ug/L	0.50U	1.0	11/23/14 14:12	
1,2-Dichloroethane-d4 (S)	%	89	86-125	11/23/14 14:12	
4-Bromofluorobenzene (S)	%	98	70-114	11/23/14 14:12	
Toluene-d8 (S)	%	100	87-113	11/23/14 14:12	

LABORATORY CONTROL SAMPLE: 1065170

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.5	92	70-130	
1,1,1-Trichloroethane	ug/L	20	16.9	84	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	70-130	
1,1,2-Trichloroethane	ug/L	20	19.4	97	70-130	
1,1-Dichloroethane	ug/L	20	17.8	89	70-130	
1,1-Dichloroethene	ug/L	20	18.7	94	70-130	
1,2,3-Trichloropropane	ug/L	20	17.9	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.3	96	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.8	99	70-130	
1,2-Dichlorobenzene	ug/L	20	18.3	92	70-130	
1,2-Dichloroethane	ug/L	20	16.7	83	70-130	
1,2-Dichloropropane	ug/L	20	18.7	94	70-130	
1,4-Dichlorobenzene	ug/L	20	18.4	92	70-130	
2-Butanone (MEK)	ug/L	40	31.8	80	55-167	
2-Hexanone	ug/L	40	38.8	97	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.4	101	70-130	
Acetone	ug/L	40	35.8	90	40-150	
Acrylonitrile	ug/L	200	199	100	70-130	
Benzene	ug/L	20	18.4	92	70-130	
Bromochloromethane	ug/L	20	18.6	93	70-130	
Bromodichloromethane	ug/L	20	17.3	87	70-130	
Bromoform	ug/L	20	18.6	93	68-130	
Bromomethane	ug/L	20	13.1	65	38-179	
Carbon disulfide	ug/L	20	19.9	99	51-155	
Carbon tetrachloride	ug/L	20	16.5	83	70-130	
Chlorobenzene	ug/L	20	19.3	97	70-130	
Chloroethane	ug/L	20	20.4	102	59-149	
Chloroform	ug/L	20	17.1	86	70-130	
Chloromethane	ug/L	20	7.1	35	68-130	J(L0)

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

LABORATORY CONTROL SAMPLE: 1065170

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	17.7	88	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.8	94	70-130	
Dibromochloromethane	ug/L	20	18.9	95	70-130	
Dibromomethane	ug/L	20	18.3	92	70-130	
Ethylbenzene	ug/L	20	19.1	96	70-130	
Iodomethane	ug/L	40	7.2	18	43-160	J(L0)
Methylene Chloride	ug/L	20	17.1	85	70-130	
Styrene	ug/L	20	19.0	95	70-130	
Tetrachloroethene	ug/L	20	19.0	95	66-133	
Toluene	ug/L	20	19.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.3	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.2	96	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.9	89	65-130	
Trichloroethene	ug/L	20	18.2	91	70-130	
Trichlorofluoromethane	ug/L	20	18.7	93	70-131	
Vinyl acetate	ug/L	20	19.0	95	69-135	
Vinyl chloride	ug/L	20	17.6	88	69-140	
Xylene (Total)	ug/L	60	56.9	95	70-130	
1,2-Dichloroethane-d4 (S)	%			78	86-125	J(S0)
4-Bromofluorobenzene (S)	%			98	70-114	
Toluene-d8 (S)	%			99	87-113	

MATRIX SPIKE SAMPLE: 1067094

Parameter	Units	35164296003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20.7	104	39-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.1	105	47-141	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	17.6	88	49-131	
1,1,2-Trichloroethane	ug/L	0.50U	20	19.5	98	50-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.0	100	54-137	
1,1-Dichloroethene	ug/L	0.50U	20	22.4	112	45-155	
1,2,3-Trichloropropane	ug/L	0.59U	20	19.0	95	31-132	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	16.8	84	37-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	18.8	94	51-132	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.8	94	43-130	
1,2-Dichloroethane	ug/L	0.50U	20	18.6	93	54-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.5	98	53-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	18.5	93	38-130	
2-Butanone (MEK)	ug/L	5.0U	40	27.5	69	48-138	
2-Hexanone	ug/L	5.0U	40	28.1	70	38-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	32.0	80	28-143	
Acetone	ug/L	10.0U	40	26.9	56	20-140	
Acrylonitrile	ug/L	5.0U	200	162	81	46-130	
Benzene	ug/L	0.10U	20	20.1	100	53-132	
Bromochloromethane	ug/L	0.50U	20	20.3	102	54-132	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

MATRIX SPIKE SAMPLE: 1067094

Parameter	Units	35164296003 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	18.2	91	32-130	
Bromomethane	ug/L	0.50U	20	12.1	60	20-152	
Carbon disulfide	ug/L	5.0U	20	18.6	92	28-184	
Carbon tetrachloride	ug/L	0.50U	20	22.4	112	37-137	
Chlorobenzene	ug/L	0.50U	20	20.8	104	46-130	
Chloroethane	ug/L	0.50U	20	20.2	101	48-159	
Chloroform	ug/L	0.50U	20	18.9	95	51-130	
Chloromethane	ug/L	0.62U	20	5.7	28	39-144	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.7	98	54-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	18.8	94	45-130	
Dibromochloromethane	ug/L	0.26U	20	19.9	100	43-130	
Dibromomethane	ug/L	0.50U	20	18.1	90	50-130	
Ethylbenzene	ug/L	0.50U	20	21.0	105	43-130	
Iodomethane	ug/L	0.50U	40	8.0	20	20-169	
Methylene Chloride	ug/L	2.5U	20	19.3	97	51-135	
Styrene	ug/L	0.50U	20	20.7	104	40-130	
Tetrachloroethene	ug/L	0.50U	20	21.1	105	26-130	
Toluene	ug/L	0.50U	20	20.3	102	50-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20.9	105	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	12.6	63	20-139	
Trichloroethene	ug/L	0.50U	20	20.4	102	42-133	
Trichlorofluoromethane	ug/L	0.50U	20	24.5	122	46-146	
Vinyl acetate	ug/L	1.0U	20	12.9	65	20-165	
Vinyl chloride	ug/L	0.50U	20	19.5	97	57-142	
Xylene (Total)	ug/L	0.50U	60	63.2	105	42-130	
1,2-Dichloroethane-d4 (S)	%				103	86-125	
4-Bromofluorobenzene (S)	%				104	70-114	
Toluene-d8 (S)	%				97	87-113	

SAMPLE DUPLICATE: 1067093

Parameter	Units	35164296002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

SAMPLE DUPLICATE: 1067093

Parameter	Units	35164296002 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)	%	97	91	7		
4-Bromofluorobenzene (S)	%	97	97	0		
Toluene-d8 (S)	%	106	104	2		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: OEXT/19772 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062084 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/20/14 22:49	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/20/14 22:49	

LABORATORY CONTROL SAMPLE: 1062085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.28	111	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	109	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062086 1062087

Parameter	Units	35163859002 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	0.0051U	.44	.44	0.62	0.62	142	141	60-140	1	40	J(M1)
1,2-Dibromoethane (EDB)	ug/L	0.0064U	.44	.44	0.55	0.56	127	128	60-140	1	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WET/27968 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164296001

METHOD BLANK: 1064600 Matrix: Water
Associated Lab Samples: 35164296001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/22/14 06:03	

LABORATORY CONTROL SAMPLE: 1064601

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 1064602

Parameter	Units	35164403001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	6420	6520	1	20	

SAMPLE DUPLICATE: 1064603

Parameter	Units	35164403002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	13400	12100	5	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WET/27976 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1065029 Matrix: Water
Associated Lab Samples: 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/22/14 20:45	

LABORATORY CONTROL SAMPLE: 1065030

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	305	102	90-110	

SAMPLE DUPLICATE: 1065031

Parameter	Units	35164407006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	170	163	4	20	

SAMPLE DUPLICATE: 1065032

Parameter	Units	35164407007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	243	268	10	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WET/27981 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1065276 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	5.0U	5.0	11/24/14 07:00	

LABORATORY CONTROL SAMPLE: 1065277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	98.0	98	90-110	

SAMPLE DUPLICATE: 1065278

Parameter	Units	35164290001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	37.0	41.0	10	20	

SAMPLE DUPLICATE: 1065279

Parameter	Units	35164290002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	10.0U	10.0U		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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WET/27921 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1061032 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	2.0U	2.0	11/24/14 14:25	

LABORATORY CONTROL SAMPLE: 1061033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	174	88	85-115	

SAMPLE DUPLICATE: 1061034

Parameter	Units	35164296008 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	2.0U	2.0U		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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WET/27898 Analysis Method: SM10200
QC Batch Method: SM10200 Analysis Description: Chlorophyll & Pheophytin
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1059989 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chlorophyll a	ug/L	1.0U	1.0	12/01/14 17:05	

SAMPLE DUPLICATE: 1059990

Parameter	Units	35164237001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a	ug/L	1.0 mg/m3	1.0U		40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WETA/41401 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062111 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/20/14 10:57	

LABORATORY CONTROL SAMPLE: 1062112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.1	108	90-110	

MATRIX SPIKE SAMPLE: 1062114

Parameter	Units	35164235006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1.0	1	2.2	111	90-110	J(M1)

SAMPLE DUPLICATE: 1062113

Parameter	Units	35164235006 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	1.0	1.0	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WETA/41415 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062379 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.50	11/23/14 14:48	

LABORATORY CONTROL SAMPLE: 1062380

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	20	20.1	100	90-110	

MATRIX SPIKE SAMPLE: 1062382

Parameter	Units	35164296001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	20	18.4	92	90-110	

SAMPLE DUPLICATE: 1062381

Parameter	Units	35164296001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.086U		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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WETA/41339 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1060347 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/18/14 16:27	
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.050	11/18/14 16:27	

LABORATORY CONTROL SAMPLE: 1060348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2	1.9	95	90-110	

MATRIX SPIKE SAMPLE: 1060350

Parameter	Units	35164263001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.083	2	2.0	94	90-110	

MATRIX SPIKE SAMPLE: 1060352

Parameter	Units	35164303001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.21	2	2.1	94	90-110	

SAMPLE DUPLICATE: 1060349

Parameter	Units	35164263001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			
Nitrogen, NO2 plus NO3	mg/L	0.083	0.086	4	20	

SAMPLE DUPLICATE: 1060351

Parameter	Units	35164303001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.22	0.21	3		
Nitrogen, NO2 plus NO3	mg/L	0.21	0.21	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WETA/41416 Analysis Method: EPA 365.4
QC Batch Method: EPA 365.4 Analysis Description: 365.4 Phosphorus
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062385 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.10	11/23/14 15:26	

LABORATORY CONTROL SAMPLE: 1062386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	4	4.0	99	90-110	

MATRIX SPIKE SAMPLE: 1062388

Parameter	Units	35164296001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	4	3.8	95	80-120	

SAMPLE DUPLICATE: 1062387

Parameter	Units	35164296001 Result	Dup Result	RPD	Max RPD	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.050U		20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WETA/41421 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062537 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	12.5U	20.0	11/21/14 09:28	

LABORATORY CONTROL SAMPLE: 1062538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	495	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062539 1062540

Parameter	Units	35164562018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	330	500	500	769	768	88	88	90-110	0	20	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062541 1062542

Parameter	Units	35164296001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	14.0 I	500	500	485	485	94	94	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA

Project: Tomoka LF SW
Pace Project No.: 35164296

QC Batch: WETA/41409 Analysis Method: SM 5310B
QC Batch Method: SM 5310B Analysis Description: 5310B TOC
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

METHOD BLANK: 1062268 Matrix: Water
Associated Lab Samples: 35164296001, 35164296002, 35164296003, 35164296004, 35164296005, 35164296006, 35164296007, 35164296008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.50U	1.0	11/21/14 02:59	

LABORATORY CONTROL SAMPLE: 1062269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	20	18.6	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062270 1062271

Parameter	Units	35164203002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	0.50U	20	20	20.1	20.5	99	101	80-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062272 1062273

Parameter	Units	35164296007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	14.3	20	20	31.8	32.7	88	92	80-120	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka LF SW
Pace Project No.: 35164296

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.

PQL - Practical Quantitation 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
PASI-SF	Pace Analytical Services - South Florida

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(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(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.
Z	Too many colonies were present (TNTC); the numeric value represents the estimated colony counts from the highest dilution used in this test.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164296002	**SW-1**		FLD/		
35164296003	**SW-12**		FLD/		
35164296004	**SW-11**		FLD/		
35164296005	**SW-5**		FLD/		
35164296006	**SW 4**		FLD/		
35164296007	**SW 2**		FLD/		
35164296008	**SW 3**		FLD/		
35164296001	**EQ Blank 11/18/14**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296002	**SW-1**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296003	**SW-12**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296004	**SW-11**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296005	**SW-5**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296006	**SW 4**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296007	**SW 2**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296008	**SW 3**	EPA 8011	OEXT/19772	EPA 8011	GCSV/12989
35164296001	**EQ Blank 11/18/14**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296002	**SW-1**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296003	**SW-12**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296004	**SW-11**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296005	**SW-5**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296006	**SW 4**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296007	**SW 2**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296008	**SW 3**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164296001	**EQ Blank 11/18/14**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296002	**SW-1**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296003	**SW-12**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296004	**SW-11**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296005	**SW-5**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296006	**SW 4**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296007	**SW 2**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296008	**SW 3**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164296001	**EQ Blank 11/18/14**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296002	**SW-1**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296003	**SW-12**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296004	**SW-11**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296005	**SW-5**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296006	**SW 4**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296007	**SW 2**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296008	**SW 3**	SM 9222D	MBIO/15531	SM 9222D	MBIO/15532
35164296001	**EQ Blank 11/18/14**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296002	**SW-1**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296003	**SW-12**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296004	**SW-11**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296005	**SW-5**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296006	**SW 4**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296007	**SW 2**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164296008	**SW 3**	EPA 1631E	MERP/7351	EPA 1631E	MERC/7062
35164296001	**EQ Blank 11/18/14**	EPA 8260	MSV/13345		
35164296002	**SW-1**	EPA 8260	MSV/13345		
35164296003	**SW-12**	EPA 8260	MSV/13345		
35164296004	**SW-11**	EPA 8260	MSV/13345		
35164296005	**SW-5**	EPA 8260	MSV/13345		
35164296006	**SW 4**	EPA 8260	MSV/13345		
35164296007	**SW 2**	EPA 8260	MSV/13345		
35164296008	**SW 3**	EPA 8260	MSV/13345		
35164296009	**Trip Blank 11/18/14**	EPA 8260	MSV/13345		
35164296001	**EQ Blank 11/18/14**	SM 2540C	WET/27968		
35164296002	**SW-1**	SM 2540C	WET/27976		
35164296003	**SW-12**	SM 2540C	WET/27976		
35164296004	**SW-11**	SM 2540C	WET/27976		
35164296005	**SW-5**	SM 2540C	WET/27976		
35164296006	**SW 4**	SM 2540C	WET/27976		
35164296007	**SW 2**	SM 2540C	WET/27976		
35164296008	**SW 3**	SM 2540C	WET/27976		
35164296001	**EQ Blank 11/18/14**	SM 2540D	WET/27981		
35164296002	**SW-1**	SM 2540D	WET/27981		
35164296003	**SW-12**	SM 2540D	WET/27981		
35164296004	**SW-11**	SM 2540D	WET/27981		
35164296005	**SW-5**	SM 2540D	WET/27981		
35164296006	**SW 4**	SM 2540D	WET/27981		
35164296007	**SW 2**	SM 2540D	WET/27981		
35164296008	**SW 3**	SM 2540D	WET/27981		
35164296001	**EQ Blank 11/18/14**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296002	**SW-1**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296003	**SW-12**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296004	**SW-11**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296005	**SW-5**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296006	**SW 4**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296007	**SW 2**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296008	**SW 3**	SM 5210B	WET/27921	SM 5210B	WET/28009
35164296001	**EQ Blank 11/18/14**	SM10200	WET/27898	SM10200	WET/28079
35164296002	**SW-1**	SM10200	WET/27898	SM10200	WET/28079
35164296003	**SW-12**	SM10200	WET/27898	SM10200	WET/28079
35164296004	**SW-11**	SM10200	WET/27898	SM10200	WET/28079
35164296005	**SW-5**	SM10200	WET/27898	SM10200	WET/28079
35164296006	**SW 4**	SM10200	WET/27898	SM10200	WET/28079
35164296007	**SW 2**	SM10200	WET/27898	SM10200	WET/28079
35164296008	**SW 3**	SM10200	WET/27898	SM10200	WET/28079
35164296001	**EQ Blank 11/18/14**	TKN+NOx Calculation	WET/27996		
35164296002	**SW-1**	TKN+NOx Calculation	WET/27996		
35164296003	**SW-12**	TKN+NOx Calculation	WET/27996		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164296004	**SW-11**	TKN+NOx Calculation	WET/27996		
35164296005	**SW-5**	TKN+NOx Calculation	WET/27996		
35164296006	**SW 4**	TKN+NOx Calculation	WET/27996		
35164296007	**SW 2**	TKN+NOx Calculation	WET/27996		
35164296008	**SW 3**	TKN+NOx Calculation	WET/27996		
35164296001	**EQ Blank 11/18/14**	EPA 350.1	WETA/41401		
35164296002	**SW-1**	EPA 350.1	WETA/41401		
35164296003	**SW-12**	EPA 350.1	WETA/41401		
35164296004	**SW-11**	EPA 350.1	WETA/41401		
35164296005	**SW-5**	EPA 350.1	WETA/41401		
35164296006	**SW 4**	EPA 350.1	WETA/41401		
35164296007	**SW 2**	EPA 350.1	WETA/41401		
35164296008	**SW 3**	EPA 350.1	WETA/41401		
35164296001	**EQ Blank 11/18/14**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296002	**SW-1**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296003	**SW-12**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296004	**SW-11**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296005	**SW-5**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296006	**SW 4**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296007	**SW 2**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296008	**SW 3**	EPA 351.2	WETA/41415	EPA 351.2	WETA/41430
35164296001	**EQ Blank 11/18/14**	EPA 353.2	WETA/41339		
35164296002	**SW-1**	EPA 353.2	WETA/41339		
35164296003	**SW-12**	EPA 353.2	WETA/41339		
35164296004	**SW-11**	EPA 353.2	WETA/41339		
35164296005	**SW-5**	EPA 353.2	WETA/41339		
35164296006	**SW 4**	EPA 353.2	WETA/41339		
35164296007	**SW 2**	EPA 353.2	WETA/41339		
35164296008	**SW 3**	EPA 353.2	WETA/41339		
35164296001	**EQ Blank 11/18/14**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296002	**SW-1**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296003	**SW-12**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296004	**SW-11**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296005	**SW-5**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296006	**SW 4**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296007	**SW 2**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296008	**SW 3**	EPA 365.4	WETA/41416	EPA 365.4	WETA/41431
35164296001	**EQ Blank 11/18/14**	EPA 410.4	WETA/41421		
35164296002	**SW-1**	EPA 410.4	WETA/41421		
35164296003	**SW-12**	EPA 410.4	WETA/41421		
35164296004	**SW-11**	EPA 410.4	WETA/41421		
35164296005	**SW-5**	EPA 410.4	WETA/41421		
35164296006	**SW 4**	EPA 410.4	WETA/41421		
35164296007	**SW 2**	EPA 410.4	WETA/41421		
35164296008	**SW 3**	EPA 410.4	WETA/41421		
35164296001	**EQ Blank 11/18/14**	SM 5310B	WETA/41409		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF SW
Pace Project No.: 35164296

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164296002	**SW-1**	SM 5310B	WETA/41409		
35164296003	**SW-12**	SM 5310B	WETA/41409		
35164296004	**SW-11**	SM 5310B	WETA/41409		
35164296005	**SW-5**	SM 5310B	WETA/41409		
35164296006	**SW 4**	SM 5310B	WETA/41409		
35164296007	**SW 2**	SM 5310B	WETA/41409		
35164296008	**SW 3**	SM 5310B	WETA/41409		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY
The Chai

WO# : 35164296

35164296

Page: 1 of 1

1867135

Section A Required Client Information:	Section B Required Project Information:		
Company: VOLUSIA COUNTY SOLID WASTE	Report To: JENNIFER STOCK		
Address: 1990 TOMOKA FARMS RD DAYTONA BEACH FL 32124	Copy To:	Company Name:	REGULATORY AGENCY
		Address:	☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
Email To:	Purchase Order No.:	Pace Quote Reference:	☐ UST ☐ RCRA ☐ OTHER
Phone: Fax:	Project Name:	Pace Project Manager:	Site Location STATE:
Requested Due Date/TAT:	Project Number:	Pace Profile #:	

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — 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	BOD VOC	BOD CBOD	COLI FORMS	NITROGEN/AMMONIA/TKN	RED NITRATE TSS TDS	TDC	CHLOROPHYLL A	FECAL MC	1631 MERCURY Hg	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	WT	G			11-18-14	0900		13	5	1	1	5		1			X	X	X	X	X	X	X	X		
2	SW 1						0930																				
3	SW 12						0955																				
4	SW 11						1020																				
5	SW 5						1105																				
6	SW 4						1130																				
7	SW 2						1230																				
8	SW 3	↓	↓			↓	1300		↓	↓	↓	↓	↓		↓			Y	↓	↓	↓	↓	↓	↓	↓	↓		
9	TRIP BLANKS	WT	G			11-18-14	—		2				2						X									
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / PACE	11-18-14	1340	[signature]	11/18/14	13:40	6.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT / DAVID ICE

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11-18-14

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 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 11-18-14 Time: 0845 Departed Site Time:

Sampler's Signature [signature] Sampler's Name DAVID ICE MARK GILBERT

CLIENT NAME: VOLUSIA COUNTY SOLID WASTE PROJECT NAME: SEMI ANNUAL SURFACE WATER

CLIENT CONTACT: JENNIFER STARK SITE CONTACT:

Personnel on Site: DAVID ICE MARK GILBERT

SITE Location: TOMOKA LAND FILL

Ambient Conditions: CLOUDY 45°F

Brief Description of Field Activities: COLLECTED SAMPLES W/DIP POLE

Field Equipment Used: YSI 556, 2020 TURBIDIMETER

Decon Procedures: Yes / (No) If Yes. Please Describe

Field Filtering: Yes / (No) If Yes. Please Describe

Sample Matrix: DW GW WW SU STW SO SE ML Other: SURFACE

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 QC Samples: Duplicate Replicate Samples

Split Samples(explain)

Sx. Location	Date and Time	Parameters	Appearance	Odor	pH	Temp °C	Conductivity	DO	Turbidity
EQ	11-18-14 0900	BOD 29358							
SW 1	11-18-14 0930		CLEAR	NONE	5.45	17.80	104	8.10	7.24
SW 12	11-18-14 0955		CLEAR	NONE	7.16	18.50	417	6.53	10.47
SW 11	11-18-14 1020		CLEAR	NONE	6.60	12.48	364 446	4.25	3.79
SW 5	11-18-14 1105		YELLOW	NONE	6.76	15.94	~~409~~ 416 MS	4.05	4.06
SW 4	11-18-14 ~~1140~~ 1130		YELLOW	NONE	6.39	15.28	404	3.10	1.57

Calibration of Meters

Meter	Y / N	Standard	Slope	Variance	Value

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 11-18-14 Time: Departed Site Time:

Sampler's Signature [signature] Sampler's Name DAVID ICE MARK GILBERT

CLIENT NAME: VOLUSIA COUNTY SOLID WASTE PROJECT NAME: SEMI ANNUAL SURFACE WATERS

CLIENT CONTACT: JENNIFER SIRK SITE CONTACT:

Personnel on Site: MARK GILBERT DAVID ICE

SITE Location: TOMOKA LAND FILL

Ambient Conditions: CLOUDY 45 OF

Brief Description of Field Activities: COLLECTED SAMPLES W/ OLD PACE

Field Equipment Used: YSI 556, 2020 TURBIDIMETER

Decon Procedures: Yes / (No) If Yes. Please Describe

Field Filtering: Yes / (No) If Yes. Please Describe

Sample Matrix: DW GW WW SU STW SO SE ML Other: SURFACE

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 QC Samples: Duplicate Replicate Samples

Split Samples(explain)

Sx. Location	Date and Time	Parameters	Appearance	Odor	pH	Temp °C	Conductivity	DO	Turbidity
SW 2	11-18-14 1230	BOTTLE ORDER #	NORM	NONE	6.84	16.26	394	3.96	0.98
SW 3	11-18-14 1300	29358	NORM	NONE	6.48	15.60	284	1.40	1.68

Calibration of Meters

Meter	Y / N	Standard	Slope	Variance	Value

Other Notation's or Anomalies:

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number:_____

Client Name: Volusia Co Project # 35164296

Cofer: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other_____

Trading # _____

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

Pacing Material: ☐ Bubble Wrap ☐Bubble Bags ☐ None ☐ Other_____

Thmometer Used T-187 Type of Ice: (Wet) Blue None

Coer Temperature °C 4.9 (Visual) 0.0 (Correction Factor) 4.9 (Actual)

(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: JP 1/19/14 8:40

cooler #4.9
2# 604

Reipt of samples satisfactory: ☐Yes ☐No Rush TAT requested on COC:

If ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volume	☐
Coect Containers Used	☐
Coainers Intact	☐
Sapl Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in conance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

#3 cooler 3.0

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID:_____

Pduction Code:_____

De/Time Opened:_____

Nmber 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

December 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.: 35164522

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 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, Volusia County Solid Waste Man

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, 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.: 35164522

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35164522001	**EQ Blank 11/19/14**	Water	11/19/14 09:30	11/19/14 15:30
35164522002	**B40-1**	Water	11/19/14 11:18	11/19/14 15:30
35164522003	**B40-2**	Water	11/19/14 11:48	11/19/14 15:30
35164522004	**B40-2 Dup**	Water	11/19/14 11:48	11/19/14 15:30
35164522005	**B65**	Water	11/19/14 13:12	11/19/14 15:30
35164522006	**B41-1**	Water	11/19/14 14:26	11/19/14 15:30
35164522007	**Trip Blank 11/19/14**	Water	11/19/14 00:00	11/19/14 15:30

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35164522001	**EQ Blank 11/19/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	CMB	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164522002	**B40-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	CMB, KHC	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164522003	**B40-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	CMB	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164522004	**B40-2 Dup**	EPA 8011	AYF	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	CMB	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164522005	**B65**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	CMB	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164522006	**B41-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	CKJ	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	CMB	2	PASI-O
		EPA 350.1	KEK	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164522007	**Trip Blank 11/19/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164522

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164522002	**B40-1**					
	Field pH	5.23	Std. Units		11/19/14 11:18	
	Field Temperature	18.97	deg C		11/19/14 11:18	
	Appearance	Color: Yellow, Sheen: none			11/19/14 11:18	
	Field Specific Conductance	638	umhos/cm		11/19/14 11:18	
	Oxygen, Dissolved	0.85	mg/L		11/19/14 11:18	
	REDOX	-121.7	mV		11/19/14 11:18	
	Turbidity	0.49	NTU		11/19/14 11:18	
	Water Level(NGVD)	21.80	feet		11/19/14 11:18	
EPA 6010	Barium	184	ug/L	10.0	11/22/14 01:13	
EPA 6010	Iron	20300	ug/L	40.0	11/22/14 01:13	
EPA 6010	Sodium	52.7	mg/L	1.0	11/22/14 01:13	
SM 2540C	Total Dissolved Solids	516	mg/L	5.0	11/22/14 23:02	
EPA 300.0	Chloride	58.3	mg/L	5.0	11/24/14 11:16	
EPA 300.0	Sulfate	175	mg/L	25.0	11/26/14 08:37	
EPA 350.1	Nitrogen, Ammonia	0.21	mg/L	0.050	11/21/14 10:56	
35164522003	**B40-2**					
	Field pH	5.86	Std. Units		11/19/14 11:48	
	Field Temperature	20.72	deg C		11/19/14 11:48	
	Appearance	Color: Yellow, Sheen: none			11/19/14 11:48	
	Field Specific Conductance	669	umhos/cm		11/19/14 11:48	
	Oxygen, Dissolved	0.83	mg/L		11/19/14 11:48	
	REDOX	-144.8	mV		11/19/14 11:48	
	Turbidity	10.47	NTU		11/19/14 11:48	
	Water Level(NGVD)	23.62	feet		11/19/14 11:48	
EPA 6010	Barium	46.4	ug/L	10.0	11/22/14 01:17	
EPA 6010	Iron	5970	ug/L	40.0	11/22/14 01:17	
EPA 6010	Sodium	24.1	mg/L	1.0	11/22/14 01:17	
SM 2540C	Total Dissolved Solids	506	mg/L	5.0	11/22/14 23:02	
EPA 300.0	Chloride	27.5	mg/L	5.0	11/24/14 11:49	
EPA 300.0	Sulfate	18.5	mg/L	5.0	11/24/14 11:49	
EPA 350.1	Nitrogen, Ammonia	1.7	mg/L	0.050	11/21/14 10:58	
35164522004	**B40-2 Dup**					
	Field pH	5.86	Std. Units		11/19/14 11:48	
	Field Temperature	20.72	deg C		11/19/14 11:48	
	Appearance	Color: Yellow, Sheen: none			11/19/14 11:48	
	Field Specific Conductance	669	umhos/cm		11/19/14 11:48	
	Oxygen, Dissolved	0.83	mg/L		11/19/14 11:48	
	REDOX	-144.8	mV		11/19/14 11:48	
	Turbidity	10.47	NTU		11/19/14 11:48	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164522

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164522004	**B40-2 Dup**					
	Water Level(NGVD)	23.62	feet		11/19/14 11:48	
EPA 6010	Barium	44.0	ug/L	10.0	11/21/14 08:38	
EPA 6010	Chromium	2.6 I	ug/L	5.0	11/21/14 08:38	
EPA 6010	Iron	6220	ug/L	40.0	11/21/14 08:38	
EPA 6010	Sodium	23.3	mg/L	1.0	11/21/14 08:38	
SM 2540C	Total Dissolved Solids	492	mg/L	5.0	11/22/14 23:03	
EPA 300.0	Chloride	27.6	mg/L	5.0	11/24/14 12:11	
EPA 300.0	Sulfate	17.7	mg/L	5.0	11/24/14 12:11	
EPA 350.1	Nitrogen, Ammonia	1.6	mg/L	0.050	11/21/14 11:00	
35164522005	**B65**					
	Field pH	5.83	Std. Units		11/19/14 13:12	
	Field Temperature	20.56	deg C		11/19/14 13:12	
	Appearance	Color: Yellow; Sheen: none			11/19/14 13:12	
	Field Specific Conductance	639	umhos/cm		11/19/14 13:12	
	Oxygen, Dissolved	0.38	mg/L		11/19/14 13:12	
	REDOX	-149.1	mV		11/19/14 13:12	
	Turbidity	0.59	NTU		11/19/14 13:12	
	Water Level(NGVD)	23.73	feet		11/19/14 13:12	
EPA 6010	Barium	50.2	ug/L	10.0	11/21/14 08:50	
EPA 6010	Chromium	2.8 I	ug/L	5.0	11/21/14 08:50	
EPA 6010	Iron	1970	ug/L	40.0	11/21/14 08:50	
EPA 6010	Sodium	31.1	mg/L	1.0	11/21/14 08:50	
SM 2540C	Total Dissolved Solids	500	mg/L	5.0	11/22/14 23:03	
EPA 300.0	Chloride	47.5	mg/L	5.0	11/24/14 13:17	
EPA 350.1	Nitrogen, Ammonia	1.4	mg/L	0.050	11/21/14 11:07	
35164522006	**B41-1**					
	Field pH	6.13	Std. Units		11/19/14 14:26	
	Field Temperature	21.70	deg C		11/19/14 14:26	
	Appearance	Color: Yellow; Sheen: none			11/19/14 14:26	
	Field Specific Conductance	1416	umhos/cm		11/19/14 14:26	
	Oxygen, Dissolved	0.94	mg/L		11/19/14 14:26	
	REDOX	-101.1	mV		11/19/14 14:26	
	Turbidity	7.46	NTU		11/19/14 14:26	
	Water Level(NGVD)	20.21	feet		11/19/14 14:26	
EPA 6010	Barium	319	ug/L	10.0	11/21/14 09:19	
EPA 6010	Chromium	4.2 I	ug/L	5.0	11/21/14 09:19	
EPA 6010	Iron	14700	ug/L	40.0	11/21/14 09:19	
EPA 6010	Sodium	89.6	mg/L	1.0	11/21/14 09:19	
EPA 6010	Vanadium	5.8 I	ug/L	10.0	11/21/14 09:19	
EPA 8260	Chlorobenzene	1.3	ug/L	1.0	11/25/14 07:05	
SM 2540C	Total Dissolved Solids	1190	mg/L	10.0	11/22/14 23:04	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35164522

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164522006	**B41-1**					
EPA 300.0	Chloride	85.7	mg/L	25.0	11/24/14 13:39	
EPA 300.0	Sulfate	255	mg/L	25.0	11/24/14 13:39	
EPA 350.1	Nitrogen, Ammonia	27.6	mg/L	0.25	11/21/14 12:27	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: EQ Blank 11/19/14 **Lab ID: 35164522001** Collected: 11/19/14 09:30 Received: 11/19/14 15:30 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	**0.0052U**	ug/L	0.021	0.0052	1	11/25/14 13:30	11/26/14 01:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0066U**	ug/L	0.011	0.0066	1	11/25/14 13:30	11/26/14 01:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:08	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:08	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:08	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:08	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:08	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:08	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:08	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 01:08	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:08	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:08	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 16:55	11/22/14 01:08	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:08	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:08	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:08	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 01:08	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 06:01	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 06:01	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 12:14	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 02:58	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 02:58	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 02:58	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 02:58	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 02:58	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 02:58	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 02:58	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 02:58	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: EQ Blank 11/19/14 **Lab ID: 35164522001** Collected: 11/19/14 09:30 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 02:58	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 02:58	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 02:58	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 02:58	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 02:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 02:58	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 02:58	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 02:58	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 02:58	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 02:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/25/14 02:58	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/25/14 02:58	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/25/14 02:58	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/22/14 23:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/24/14 10:54	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/24/14 10:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/21/14 10:54	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/20/14 12:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-1 **Lab ID: 35164522002** Collected: 11/19/14 11:18 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.23**	Std. Units			1		11/19/14 11:18		
Field Temperature	**18.97**	deg C			1		11/19/14 11:18		
Appearance	**Color: Yellow, Sheen: none**				1		11/19/14 11:18		
Field Specific Conductance	**638**	umhos/cm			1		11/19/14 11:18		
Oxygen, Dissolved	**0.85**	mg/L			1		11/19/14 11:18	7782-44-7	
REDOX	**-121.7**	mV			1		11/19/14 11:18		
Turbidity	**0.49**	NTU			1		11/19/14 11:18		
Water Level(NGVD)	**21.80**	feet			1		11/19/14 11:18		
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	11/25/14 13:30	11/26/14 02:06	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/25/14 13:30	11/26/14 02:06	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:13	7440-38-2	
Barium	**184**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:13	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:13	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:13	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:13	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:13	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:13	7440-50-8	
Iron	**20300**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 01:13	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:13	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:13	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 16:55	11/22/14 01:13	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:13	7440-22-4	
Sodium	**52.7**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:13	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:13	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 01:13	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 06:04	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 06:04	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 12:16	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 05:01	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:01	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 05:01	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 05:01	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-1 **Lab ID: 35164522002** Collected: 11/19/14 11:18 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:01	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:01	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 05:01	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 05:01	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:01	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 05:01	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 05:01	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:01	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 05:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:01	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 05:01	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 05:01	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 05:01	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		11/25/14 05:01	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/25/14 05:01	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/25/14 05:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-1 **Lab ID: 35164522002** Collected: 11/19/14 11:18 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**516**	mg/L	5.0	5.0	1		11/22/14 23:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**58.3**	mg/L	5.0	2.5	1		11/24/14 11:16	16887-00-6	
Sulfate	**175**	mg/L	25.0	12.5	5		11/26/14 08:37	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.21**	mg/L	0.050	0.020	1		11/21/14 10:56	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.12U**	mg/L	0.25	0.12	5		11/20/14 12:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-2 **Lab ID: 35164522003** Collected: 11/19/14 11:48 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.86**	Std. Units			1		11/19/14 11:48		
Field Temperature	**20.72**	deg C			1		11/19/14 11:48		
Appearance	**Color: Yellow, Sheen: none**				1		11/19/14 11:48		
Field Specific Conductance	**669**	umhos/cm			1		11/19/14 11:48		
Oxygen, Dissolved	**0.83**	mg/L			1		11/19/14 11:48	7782-44-7	
REDOX	**-144.8**	mV			1		11/19/14 11:48		
Turbidity	**10.47**	NTU			1		11/19/14 11:48		
Water Level(NGVD)	**23.62**	feet			1		11/19/14 11:48		
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	11/25/14 13:30	11/26/14 02:51	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/25/14 13:30	11/26/14 02:51	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:17	7440-38-2	
Barium	**46.4**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:17	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:17	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:17	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:17	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:17	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:17	7440-50-8	
Iron	**5970**	ug/L	40.0	20.0	1	11/20/14 16:55	11/22/14 01:17	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:17	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:17	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 16:55	11/22/14 01:17	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/22/14 01:17	7440-22-4	
Sodium	**24.1**	mg/L	1.0	0.50	1	11/20/14 16:55	11/22/14 01:17	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/22/14 01:17	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/22/14 01:17	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 06:07	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/26/14 06:07	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 12:23	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 05:51	67-64-1	J(M1)
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:51	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 05:51	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 05:51	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-2 **Lab ID: 35164522003** Collected: 11/19/14 11:48 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	74-83-9	J(M1)
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:51	78-93-3	J(M1)
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:51	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 05:51	74-87-3	J(L2), J(M0)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 05:51	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:51	110-57-6	J(M1)
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 05:51	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 05:51	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:51	591-78-6	J(M1)
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	74-88-4	J(L2), J(M0)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 05:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 05:51	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 05:51	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 05:51	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 05:51	108-05-4	J(M1)
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 05:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		11/25/14 05:51	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		11/25/14 05:51	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		11/25/14 05:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-2 **Lab ID: 35164522003** Collected: 11/19/14 11:48 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**506**	mg/L	5.0	5.0	1		11/22/14 23:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**27.5**	mg/L	5.0	2.5	1		11/24/14 11:49	16887-00-6	
Sulfate	**18.5**	mg/L	5.0	2.5	1		11/24/14 11:49	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.7**	mg/L	0.050	0.020	1		11/21/14 10:58	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/20/14 12:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-2 Dup **Lab ID: 35164522004** Collected: 11/19/14 11:48 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.86**	Std. Units			1		11/19/14 11:48		
Field Temperature	**20.72**	deg C			1		11/19/14 11:48		
Appearance	**Color: Yellow, Sheen: none**				1		11/19/14 11:48		
Field Specific Conductance	**669**	umhos/cm			1		11/19/14 11:48		
Oxygen, Dissolved	**0.83**	mg/L			1		11/19/14 11:48	7782-44-7	
REDOX	**-144.8**	mV			1		11/19/14 11:48		
Turbidity	**10.47**	NTU			1		11/19/14 11:48		
Water Level(NGVD)	**23.62**	feet			1		11/19/14 11:48		
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	11/25/14 13:30	11/26/14 03:07	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/25/14 13:30	11/26/14 03:07	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:38	7440-38-2	
Barium	**44.0**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:38	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/21/14 08:38	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/21/14 08:38	7440-43-9	
Chromium	**2.6 I**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:38	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:38	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:38	7440-50-8	
Iron	**6220**	ug/L	40.0	20.0	1	11/20/14 16:55	11/21/14 08:38	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:38	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:38	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 16:55	11/21/14 08:38	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:38	7440-22-4	
Sodium	**23.3**	mg/L	1.0	0.50	1	11/20/14 16:55	11/21/14 08:38	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:38	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/21/14 08:38	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/24/14 21:14	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/24/14 21:14	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 12:25	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 06:16	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:16	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 06:16	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 06:16	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-2 Dup **Lab ID: 35164522004** Collected: 11/19/14 11:48 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:16	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:16	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 06:16	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 06:16	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:16	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 06:16	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 06:16	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:16	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 06:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:16	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 06:16	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 06:16	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 06:16	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		11/25/14 06:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/25/14 06:16	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/25/14 06:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B40-2 Dup **Lab ID: 35164522004** Collected: 11/19/14 11:48 Received: 11/19/14 15:30 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		11/22/14 23:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**27.6**	mg/L	5.0	2.5	1		11/24/14 12:11	16887-00-6	
Sulfate	**17.7**	mg/L	5.0	2.5	1		11/24/14 12:11	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.6**	mg/L	0.050	0.020	1		11/21/14 11:00	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/20/14 12:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B65 **Lab ID: 35164522005** Collected: 11/19/14 13:12 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.83**	Std. Units			1		11/19/14 13:12		
Field Temperature	**20.56**	deg C			1		11/19/14 13:12		
Appearance	**Color: Yellow; Sheen: none**				1		11/19/14 13:12		
Field Specific Conductance	**639**	umhos/cm			1		11/19/14 13:12		
Oxygen, Dissolved	**0.38**	mg/L			1		11/19/14 13:12	7782-44-7	
REDOX	**-149.1**	mV			1		11/19/14 13:12		
Turbidity	**0.59**	NTU			1		11/19/14 13:12		
Water Level(NGVD)	**23.73**	feet			1		11/19/14 13:12		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0057U**	ug/L	0.023	0.0057	1	11/25/14 13:30	11/26/14 03:22	96-12-8	
1,2-Dibromoethane (EDB)	**0.0073U**	ug/L	0.012	0.0073	1	11/25/14 13:30	11/26/14 03:22	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:50	7440-38-2	
Barium	**50.2**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:50	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/21/14 08:50	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/21/14 08:50	7440-43-9	
Chromium	**2.8 I**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:50	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:50	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:50	7440-50-8	
Iron	**1970**	ug/L	40.0	20.0	1	11/20/14 16:55	11/21/14 08:50	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:50	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:50	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 16:55	11/21/14 08:50	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 08:50	7440-22-4	
Sodium	**31.1**	mg/L	1.0	0.50	1	11/20/14 16:55	11/21/14 08:50	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 08:50	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/21/14 08:50	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/24/14 21:21	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/24/14 21:21	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 12:27	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 06:40	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:40	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 06:40	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 06:40	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B65 **Lab ID: 35164522005** Collected: 11/19/14 13:12 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:40	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:40	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 06:40	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 06:40	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:40	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 06:40	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 06:40	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:40	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 06:40	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 06:40	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 06:40	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 06:40	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 06:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		11/25/14 06:40	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 06:40	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/25/14 06:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B65 **Lab ID: 35164522005** Collected: 11/19/14 13:12 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**500**	mg/L	5.0	5.0	1		11/22/14 23:03		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**47.5**	mg/L	5.0	2.5	1		11/24/14 13:17	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/24/14 13:17	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.4**	mg/L	0.050	0.020	1		11/21/14 11:07	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/20/14 12:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B41-1 **Lab ID: 35164522006** Collected: 11/19/14 14:26 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.13**	Std. Units			1		11/19/14 14:26		
Field Temperature	**21.70**	deg C			1		11/19/14 14:26		
Appearance	**Color: Yellow; Sheen: none**				1		11/19/14 14:26		
Field Specific Conductance	**1416**	umhos/cm			1		11/19/14 14:26		
Oxygen, Dissolved	**0.94**	mg/L			1		11/19/14 14:26	7782-44-7	
REDOX	**-101.1**	mV			1		11/19/14 14:26		
Turbidity	**7.46**	NTU			1		11/19/14 14:26		
Water Level(NGVD)	**20.21**	feet			1		11/19/14 14:26		
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	11/25/14 13:30	11/26/14 03:37	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/25/14 13:30	11/26/14 03:37	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 09:19	7440-38-2	
Barium	**319**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 09:19	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/21/14 09:19	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/21/14 09:19	7440-43-9	
Chromium	**4.2 I**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 09:19	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 09:19	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 09:19	7440-50-8	
Iron	**14700**	ug/L	40.0	20.0	1	11/20/14 16:55	11/21/14 09:19	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 09:19	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 09:19	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/20/14 16:55	11/21/14 09:19	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/20/14 16:55	11/21/14 09:19	7440-22-4	
Sodium	**89.6**	mg/L	1.0	0.50	1	11/20/14 16:55	11/21/14 09:19	7440-23-5	
Vanadium	**5.8 I**	ug/L	10.0	5.0	1	11/20/14 16:55	11/21/14 09:19	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/20/14 16:55	11/21/14 09:19	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/24/14 21:26	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/20/14 16:55	11/24/14 21:26	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 12:29	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 07:05	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 07:05	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 07:05	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 07:05	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B41-1 **Lab ID: 35164522006** Collected: 11/19/14 14:26 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 07:05	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 07:05	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	56-23-5	
Chlorobenzene	**1.3**	ug/L	1.0	0.50	1		11/25/14 07:05	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 07:05	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 07:05	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 07:05	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 07:05	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 07:05	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 07:05	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 07:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 07:05	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 07:05	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 07:05	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 07:05	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 07:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/25/14 07:05	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	86-125		1		11/25/14 07:05	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/25/14 07:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: B41-1 **Lab ID: 35164522006** Collected: 11/19/14 14:26 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1190**	mg/L	10.0	10.0	1		11/22/14 23:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**85.7**	mg/L	25.0	12.5	5		11/24/14 13:39	16887-00-6	
Sulfate	**255**	mg/L	25.0	12.5	5		11/24/14 13:39	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**27.6**	mg/L	0.25	0.10	5		11/21/14 12:27	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/20/14 12:21		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: Trip Blank 11/19/14 **Lab ID: 35164522007** Collected: 11/19/14 00:00 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 03:47	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 03:47	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 03:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 03:47	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 03:47	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 03:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 03:47	74-87-3	J(L2)
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/25/14 03:47	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 03:47	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 03:47	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 03:47	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 03:47	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 03:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 03:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 03:47	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 03:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 03:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 03:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Sample: Trip Blank 11/19/14 **Lab ID: 35164522007** Collected: 11/19/14 00:00 Received: 11/19/14 15:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 03:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/25/14 03:47	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 03:47	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/25/14 03:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: MERP/5142 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

METHOD BLANK: 1067798 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	12/01/14 11:44	

LABORATORY CONTROL SAMPLE: 1067799

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.0	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067800 1067801

Parameter	Units	35164954001 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	1.9	100	94	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: MPRP/21606 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35164522001, 35164522002, 35164522003

METHOD BLANK: 1062463 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/21/14 22:51	
Barium	ug/L	5.0U	10.0	11/21/14 22:51	
Beryllium	ug/L	0.50U	1.0	11/21/14 22:51	
Cadmium	ug/L	0.50U	1.0	11/21/14 22:51	
Chromium	ug/L	2.5U	5.0	11/21/14 22:51	
Cobalt	ug/L	5.0U	10.0	11/21/14 22:51	
Copper	ug/L	2.5U	5.0	11/21/14 22:51	
Iron	ug/L	20.0U	40.0	11/21/14 22:51	
Lead	ug/L	5.0U	10.0	11/21/14 22:51	
Nickel	ug/L	2.5U	5.0	11/21/14 22:51	
Selenium	ug/L	7.5U	15.0	11/21/14 22:51	
Silver	ug/L	2.5U	5.0	11/21/14 22:51	
Sodium	mg/L	0.50U	1.0	11/21/14 22:51	
Vanadium	ug/L	5.0U	10.0	11/21/14 22:51	
Zinc	ug/L	10.0U	20.0	11/21/14 22:51	

LABORATORY CONTROL SAMPLE: 1062464

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	240	96	80-120	
Barium	ug/L	250	248	99	80-120	
Beryllium	ug/L	25	25.4	101	80-120	
Cadmium	ug/L	25	25.0	100	80-120	
Chromium	ug/L	250	251	100	80-120	
Cobalt	ug/L	250	252	101	80-120	
Copper	ug/L	250	250	100	80-120	
Iron	ug/L	2500	2350	94	80-120	
Lead	ug/L	250	254	102	80-120	
Nickel	ug/L	250	257	103	80-120	
Selenium	ug/L	250	241	96	80-120	
Silver	ug/L	25	24.5	98	80-120	
Sodium	mg/L	12.5	12.6	101	80-120	
Vanadium	ug/L	250	247	99	80-120	
Zinc	ug/L	1250	1220	98	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062465 1062466

Parameter	Units	35163859002 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	243	243	97	97	75-125	0	20	
Barium	ug/L	25.8	250	250	288	289	105	105	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	24.9	24.8	99	99	75-125	0	20	
Cadmium	ug/L	0.50U	25	25	24.7	24.5	99	98	75-125	1	20	
Chromium	ug/L	2.5U	250	250	252	250	100	100	75-125	1	20	
Cobalt	ug/L	5.0U	250	250	250	250	100	100	75-125	0	20	
Copper	ug/L	2.5U	250	250	251	254	100	102	75-125	1	20	
Iron	ug/L	404	2500	2500	2860	2850	98	98	75-125	0	20	
Lead	ug/L	5.0U	250	250	252	252	101	101	75-125	0	20	
Nickel	ug/L	2.5U	250	250	256	253	102	101	75-125	1	20	
Selenium	ug/L	7.5U	250	250	238	242	94	96	75-125	2	20	
Silver	ug/L	2.5U	25	25	23.7	24.0	95	96	75-125	1	20	
Sodium	mg/L	7.3	12.5	12.5	21.0	20.9	109	108	75-125	0	20	
Vanadium	ug/L	5.0U	250	250	248	249	99	99	75-125	0	20	
Zinc	ug/L	10.0U	1250	1250	1220	1230	98	98	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: MPRP/21608 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35164522004, 35164522005, 35164522006

METHOD BLANK: 1062478 Matrix: Water
Associated Lab Samples: 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/21/14 08:30	
Barium	ug/L	5.0U	10.0	11/21/14 08:30	
Beryllium	ug/L	0.50U	1.0	11/21/14 08:30	
Cadmium	ug/L	0.50U	1.0	11/21/14 08:30	
Chromium	ug/L	2.5U	5.0	11/21/14 08:30	
Cobalt	ug/L	5.0U	10.0	11/21/14 08:30	
Copper	ug/L	2.5U	5.0	11/21/14 08:30	
Iron	ug/L	20.0U	40.0	11/21/14 08:30	
Lead	ug/L	5.0U	10.0	11/21/14 08:30	
Nickel	ug/L	2.5U	5.0	11/21/14 08:30	
Selenium	ug/L	7.5U	15.0	11/21/14 08:30	
Silver	ug/L	2.5U	5.0	11/21/14 08:30	
Sodium	mg/L	0.50U	1.0	11/21/14 08:30	
Vanadium	ug/L	5.0U	10.0	11/21/14 08:30	
Zinc	ug/L	10.0U	20.0	11/21/14 08:30	

LABORATORY CONTROL SAMPLE: 1062479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	243	97	80-120	
Barium	ug/L	250	252	101	80-120	
Beryllium	ug/L	25	25.5	102	80-120	
Cadmium	ug/L	25	25.8	103	80-120	
Chromium	ug/L	250	243	97	80-120	
Cobalt	ug/L	250	254	102	80-120	
Copper	ug/L	250	243	97	80-120	
Iron	ug/L	2500	2570	103	80-120	
Lead	ug/L	250	258	103	80-120	
Nickel	ug/L	250	261	104	80-120	
Selenium	ug/L	250	252	101	80-120	
Silver	ug/L	25	23.6	95	80-120	
Sodium	mg/L	12.5	12.8	103	80-120	
Vanadium	ug/L	250	245	98	80-120	
Zinc	ug/L	1250	1270	101	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062480 1062481

Parameter	Units	35164522004 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	248	252	98	99	75-125	2	20	
Barium	ug/L	44.0	250	250	295	294	100	100	75-125	0	20	
Beryllium	ug/L	0.50U	25	25	25.1	25.3	100	101	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	24.7	25.2	99	101	75-125	2	20	
Chromium	ug/L	2.6 I	250	250	241	242	95	96	75-125	1	20	
Cobalt	ug/L	5.0U	250	250	250	251	100	100	75-125	0	20	
Copper	ug/L	2.5U	250	250	249	247	99	98	75-125	1	20	
Iron	ug/L	6220	2500	2500	8760	8740	102	101	75-125	0	20	
Lead	ug/L	5.0U	250	250	252	250	101	100	75-125	1	20	
Nickel	ug/L	2.5U	250	250	253	255	101	102	75-125	1	20	
Selenium	ug/L	7.5U	250	250	245	244	98	97	75-125	0	20	
Silver	ug/L	2.5U	25	25	24.0	23.6	94	93	75-125	1	20	
Sodium	mg/L	23.3	12.5	12.5	36.3	36.2	104	103	75-125	0	20	
Vanadium	ug/L	5.0U	250	250	248	248	98	98	75-125	0	20	
Zinc	ug/L	10.0U	1250	1250	1250	1260	100	100	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: MPRP/21607 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35164522001, 35164522002, 35164522003

METHOD BLANK: 1062471 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/26/14 04:29	
Thallium	ug/L	0.50U	1.0	11/26/14 04:29	

LABORATORY CONTROL SAMPLE: 1062472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.5	95	80-120	
Thallium	ug/L	50	50.1	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062473 1062474

Parameter	Units	35164296002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	47.4	47.9	94	95	75-125	1	20	
Thallium	ug/L	0.50U	50	50	51.5	52.0	103	104	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: MPRP/21609 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35164522004, 35164522005, 35164522006

METHOD BLANK: 1062482 Matrix: Water
Associated Lab Samples: 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/24/14 21:11	
Thallium	ug/L	0.50U	1.0	11/24/14 21:11	

LABORATORY CONTROL SAMPLE: 1062483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	50.7	101	80-120	
Thallium	ug/L	50	48.6	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062484 1062485

Parameter	Units	35164522005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	47.4	48.1	95	96	75-125	1	20	
Thallium	ug/L	0.50U	50	50	49.4	50.0	99	100	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: MSV/13358 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006, 35164522007

METHOD BLANK: 1066103 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006, 35164522007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/25/14 01:18	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/25/14 01:18	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/25/14 01:18	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/25/14 01:18	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/25/14 01:18	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/25/14 01:18	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/25/14 01:18	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/25/14 01:18	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/25/14 01:18	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/25/14 01:18	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/25/14 01:18	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/25/14 01:18	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/25/14 01:18	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/25/14 01:18	
2-Hexanone	ug/L	5.0U	10.0	11/25/14 01:18	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/25/14 01:18	
Acetone	ug/L	10.0U	20.0	11/25/14 01:18	
Acrylonitrile	ug/L	5.0U	10.0	11/25/14 01:18	
Benzene	ug/L	0.10U	1.0	11/25/14 01:18	
Bromochloromethane	ug/L	0.50U	1.0	11/25/14 01:18	
Bromodichloromethane	ug/L	0.27U	0.60	11/25/14 01:18	
Bromoform	ug/L	0.50U	1.0	11/25/14 01:18	
Bromomethane	ug/L	0.50U	1.0	11/25/14 01:18	
Carbon disulfide	ug/L	5.0U	10.0	11/25/14 01:18	
Carbon tetrachloride	ug/L	0.50U	1.0	11/25/14 01:18	
Chlorobenzene	ug/L	0.50U	1.0	11/25/14 01:18	
Chloroethane	ug/L	0.50U	1.0	11/25/14 01:18	
Chloroform	ug/L	0.50U	1.0	11/25/14 01:18	
Chloromethane	ug/L	0.62U	1.0	11/25/14 01:18	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/25/14 01:18	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/25/14 01:18	
Dibromochloromethane	ug/L	0.26U	0.50	11/25/14 01:18	
Dibromomethane	ug/L	0.50U	1.0	11/25/14 01:18	
Ethylbenzene	ug/L	0.50U	1.0	11/25/14 01:18	
Iodomethane	ug/L	0.50U	1.0	11/25/14 01:18	
Methylene Chloride	ug/L	2.5U	5.0	11/25/14 01:18	
Styrene	ug/L	0.50U	1.0	11/25/14 01:18	
Tetrachloroethene	ug/L	0.50U	1.0	11/25/14 01:18	
Toluene	ug/L	0.50U	1.0	11/25/14 01:18	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/25/14 01:18	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/25/14 01:18	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

METHOD BLANK: 1066103 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006, 35164522007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/25/14 01:18	
Trichloroethene	ug/L	0.50U	1.0	11/25/14 01:18	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/25/14 01:18	
Vinyl acetate	ug/L	1.0U	2.0	11/25/14 01:18	
Vinyl chloride	ug/L	0.50U	1.0	11/25/14 01:18	
Xylene (Total)	ug/L	0.50U	1.0	11/25/14 01:18	
1,2-Dichloroethane-d4 (S)	%	109	86-125	11/25/14 01:18	
4-Bromofluorobenzene (S)	%	91	70-114	11/25/14 01:18	
Toluene-d8 (S)	%	105	87-113	11/25/14 01:18	

LABORATORY CONTROL SAMPLE: 1066104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.2	96	70-130	
1,1,1-Trichloroethane	ug/L	20	19.5	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.2	96	70-130	
1,1,2-Trichloroethane	ug/L	20	18.3	92	70-130	
1,1-Dichloroethane	ug/L	20	18.3	92	70-130	
1,1-Dichloroethene	ug/L	20	19.9	100	70-130	
1,2,3-Trichloropropane	ug/L	20	21.3	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.4	97	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	18.6	93	70-130	
1,2-Dichlorobenzene	ug/L	20	18.2	91	70-130	
1,2-Dichloroethane	ug/L	20	18.5	93	70-130	
1,2-Dichloropropane	ug/L	20	18.3	91	70-130	
1,4-Dichlorobenzene	ug/L	20	18.0	90	70-130	
2-Butanone (MEK)	ug/L	40	28.9	72	55-167	
2-Hexanone	ug/L	40	38.4	96	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	38.8	97	70-130	
Acetone	ug/L	40	35.0	88	40-150	
Acrylonitrile	ug/L	200	184	92	70-130	
Benzene	ug/L	20	18.5	92	70-130	
Bromochloromethane	ug/L	20	18.2	91	70-130	
Bromodichloromethane	ug/L	20	18.9	94	70-130	
Bromoform	ug/L	20	17.7	89	68-130	
Bromomethane	ug/L	20	12.5	62	38-179	
Carbon disulfide	ug/L	20	19.6	98	51-155	
Carbon tetrachloride	ug/L	20	20.4	102	70-130	
Chlorobenzene	ug/L	20	19.0	95	70-130	
Chloroethane	ug/L	20	18.5	93	59-149	
Chloroform	ug/L	20	18.1	90	70-130	
Chloromethane	ug/L	20	6.4	32	68-130	J(L0)
cis-1,2-Dichloroethene	ug/L	20	18.2	91	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.2	91	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

LABORATORY CONTROL SAMPLE: 1066104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	20	19.5	97	70-130	
Dibromomethane	ug/L	20	18.0	90	70-130	
Ethylbenzene	ug/L	20	19.1	95	70-130	
Iodomethane	ug/L	40	8.0	20	43-160	J(L0)
Methylene Chloride	ug/L	20	18.3	91	70-130	
Styrene	ug/L	20	18.7	94	70-130	
Tetrachloroethene	ug/L	20	18.8	94	66-133	
Toluene	ug/L	20	18.7	94	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.8	94	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.0	90	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.9	74	65-130	
Trichloroethene	ug/L	20	19.7	98	70-130	
Trichlorofluoromethane	ug/L	20	19.9	100	70-131	
Vinyl acetate	ug/L	20	18.3	91	69-135	
Vinyl chloride	ug/L	20	16.6	83	69-140	
Xylene (Total)	ug/L	60	57.3	95	70-130	
1,2-Dichloroethane-d4 (S)	%			104	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 1067211

Parameter	Units	35164522003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	18.0	90	70-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	20.2	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	15.4	77	70-130	
1,1,2-Trichloroethane	ug/L	0.50U	20	16.2	81	70-130	
1,1-Dichloroethane	ug/L	0.50U	20	18.5	92	70-130	
1,1-Dichloroethene	ug/L	0.50U	20	20.3	102	70-130	
1,2,3-Trichloropropane	ug/L	0.59U	20	16.2	81	70-130	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	13.4	67	70-130	J(M1)
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	16.4	82	70-130	
1,2-Dichlorobenzene	ug/L	0.50U	20	17.2	86	70-130	
1,2-Dichloroethane	ug/L	0.50U	20	16.9	85	70-130	
1,2-Dichloropropane	ug/L	0.50U	20	17.7	89	70-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	17.1	85	70-130	
2-Butanone (MEK)	ug/L	5.0U	40	25.0	63	70-130	J(M1)
2-Hexanone	ug/L	5.0U	40	25.8	64	70-130	J(M1)
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	30.5	76	70-130	
Acetone	ug/L	10.0U	40	28.5	61	70-130	J(M1)
Acrylonitrile	ug/L	5.0U	200	153	77	70-130	
Benzene	ug/L	0.10U	20	18.1	90	70-130	
Bromochloromethane	ug/L	0.50U	20	18.5	93	70-130	
Bromodichloromethane	ug/L	0.27U	20	18.3	92	70-130	
Bromoform	ug/L	0.50U	20	15.9	80	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

MATRIX SPIKE SAMPLE: 1067211

Parameter	Units	35164522003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	0.50U	20	12.4	62	70-130	J(M1)
Carbon disulfide	ug/L	5.0U	20	19.3	96	70-130	
Carbon tetrachloride	ug/L	0.50U	20	20.5	103	70-130	
Chlorobenzene	ug/L	0.50U	20	18.8	94	70-130	
Chloroethane	ug/L	0.50U	20	21.6	108	70-130	
Chloroform	ug/L	0.50U	20	17.9	89	70-130	
Chloromethane	ug/L	0.62U	20	5.3	27	70-130	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	18.0	90	70-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	16.6	83	70-130	
Dibromochloromethane	ug/L	0.26U	20	17.2	86	70-130	
Dibromomethane	ug/L	0.50U	20	16.7	83	70-130	
Ethylbenzene	ug/L	0.50U	20	19.2	96	70-130	
Iodomethane	ug/L	0.50U	40	10.7	27	70-130	J(M0)
Methylene Chloride	ug/L	2.5U	20	17.6	87	70-130	
Styrene	ug/L	0.50U	20	17.3	86	70-130	
Tetrachloroethene	ug/L	0.50U	20	19.1	95	70-130	
Toluene	ug/L	0.50U	20	18.7	94	70-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	19.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	0.25U	20	15.6	78	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	9.9 I	50	70-130	J(M1)
Trichloroethene	ug/L	0.50U	20	19.5	97	70-130	
Trichlorofluoromethane	ug/L	0.50U	20	26.1	130	70-130	
Vinyl acetate	ug/L	1.0U	20	11.4	57	70-130	J(M1)
Vinyl chloride	ug/L	0.50U	20	20.2	101	70-130	
Xylene (Total)	ug/L	0.50U	60	56.9	95	70-130	
1,2-Dichloroethane-d4 (S)	%				102	86-125	
4-Bromofluorobenzene (S)	%				101	70-114	
Toluene-d8 (S)	%				103	87-113	

SAMPLE DUPLICATE: 1067210

Parameter	Units	35164522002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

SAMPLE DUPLICATE: 1067210

Parameter	Units	35164522002 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)	%	110	111	1	40	
4-Bromofluorobenzene (S)	%	93	96	3	40	
Toluene-d8 (S)	%	104	103	0	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: OEXT/19837 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

METHOD BLANK: 1066624 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/26/14 01:20	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/26/14 01:20	

LABORATORY CONTROL SAMPLE: 1066625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.23	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.21	83	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066626 1066627

Parameter	Units	35164522002 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	0.0053U	.44	.44	0.52	0.48	119	109	60-140	8	40	
1,2-Dibromoethane (EDB)	ug/L	0.0067U	.44	.44	0.40	0.39	91	88	60-140	3	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: WET/27978 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

METHOD BLANK: 1065037 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/22/14 23:01	

LABORATORY CONTROL SAMPLE: 1065038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	297	99	90-110	

SAMPLE DUPLICATE: 1065084

Parameter	Units	35164522006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1190	1050	13	20	

SAMPLE DUPLICATE: 1065085

Parameter	Units	35164453011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	462	520	12	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: WETA/41484 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

METHOD BLANK: 1065309 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/24/14 07:15	
Sulfate	mg/L	2.5U	5.0	11/24/14 07:15	

LABORATORY CONTROL SAMPLE: 1065310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.0	98	90-110	
Sulfate	mg/L	50	48.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065311 1065312

Parameter	Units	35164529004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	11.1	50	50	59.6	59.5	97	97	90-110	0	20	
Sulfate	mg/L	2.5U	50	50	46.3	46.2	93	92	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065313 1065314

Parameter	Units	35164615001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	71.5	50	50	125	125	107	107	90-110	0	20	L
Sulfate	mg/L	25.1	50	50	74.9	74.7	99	99	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: WETA/41438 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

METHOD BLANK: 1063421 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/21/14 10:23	

LABORATORY CONTROL SAMPLE: 1063422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.1	105	90-110	

MATRIX SPIKE SAMPLE: 1063424

Parameter	Units	35164361007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	<0.020	1	1.1	108	90-110	

SAMPLE DUPLICATE: 1063423

Parameter	Units	35164361007 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	<0.020	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

QC Batch: WETA/41403 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

METHOD BLANK: 1062157 Matrix: Water
Associated Lab Samples: 35164522001, 35164522002, 35164522003, 35164522004, 35164522005, 35164522006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/20/14 11:58	

SAMPLE DUPLICATE: 1062159

Parameter	Units	35164382001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1062161

Parameter	Units	35164552001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35164522

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.

PQL - Practical Quantitation 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(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(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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164522002	**B40-1**		FLD/		
35164522003	**B40-2**		FLD/		
35164522004	**B40-2 Dup**		FLD/		
35164522005	**B65**		FLD/		
35164522006	**B41-1**		FLD/		
35164522001	**EQ Blank 11/19/14**	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35164522002	**B40-1**	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35164522003	**B40-2**	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35164522004	**B40-2 Dup**	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35164522005	**B65**	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35164522006	**B41-1**	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35164522001	**EQ Blank 11/19/14**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164522002	**B40-1**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164522003	**B40-2**	EPA 3010	MPRP/21606	EPA 6010	ICP/13228
35164522004	**B40-2 Dup**	EPA 3010	MPRP/21608	EPA 6010	ICP/13229
35164522005	**B65**	EPA 3010	MPRP/21608	EPA 6010	ICP/13229
35164522006	**B41-1**	EPA 3010	MPRP/21608	EPA 6010	ICP/13229
35164522001	**EQ Blank 11/19/14**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164522002	**B40-1**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164522003	**B40-2**	EPA 3010	MPRP/21607	EPA 6020	ICPM/8837
35164522004	**B40-2 Dup**	EPA 3010	MPRP/21609	EPA 6020	ICPM/8838
35164522005	**B65**	EPA 3010	MPRP/21609	EPA 6020	ICPM/8838
35164522006	**B41-1**	EPA 3010	MPRP/21609	EPA 6020	ICPM/8838
35164522001	**EQ Blank 11/19/14**	EPA 7470	MERP/5142	EPA 7470	MERC/5135
35164522002	**B40-1**	EPA 7470	MERP/5142	EPA 7470	MERC/5135
35164522003	**B40-2**	EPA 7470	MERP/5142	EPA 7470	MERC/5135
35164522004	**B40-2 Dup**	EPA 7470	MERP/5142	EPA 7470	MERC/5135
35164522005	**B65**	EPA 7470	MERP/5142	EPA 7470	MERC/5135
35164522006	**B41-1**	EPA 7470	MERP/5142	EPA 7470	MERC/5135
35164522001	**EQ Blank 11/19/14**	EPA 8260	MSV/13358		
35164522002	**B40-1**	EPA 8260	MSV/13358		
35164522003	**B40-2**	EPA 8260	MSV/13358		
35164522004	**B40-2 Dup**	EPA 8260	MSV/13358		
35164522005	**B65**	EPA 8260	MSV/13358		
35164522006	**B41-1**	EPA 8260	MSV/13358		
35164522007	**Trip Blank 11/19/14**	EPA 8260	MSV/13358		
35164522001	**EQ Blank 11/19/14**	SM 2540C	WET/27978		
35164522002	**B40-1**	SM 2540C	WET/27978		
35164522003	**B40-2**	SM 2540C	WET/27978		
35164522004	**B40-2 Dup**	SM 2540C	WET/27978		
35164522005	**B65**	SM 2540C	WET/27978		
35164522006	**B41-1**	SM 2540C	WET/27978		
35164522001	**EQ Blank 11/19/14**	EPA 300.0	WETA/41484		
35164522002	**B40-1**	EPA 300.0	WETA/41484		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164522

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164522003	**B40-2**	EPA 300.0	WETA/41484		
35164522004	**B40-2 Dup**	EPA 300.0	WETA/41484		
35164522005	**B65**	EPA 300.0	WETA/41484		
35164522006	**B41-1**	EPA 300.0	WETA/41484		
35164522001	**EQ Blank 11/19/14**	EPA 350.1	WETA/41438		
35164522002	**B40-1**	EPA 350.1	WETA/41438		
35164522003	**B40-2**	EPA 350.1	WETA/41438		
35164522004	**B40-2 Dup**	EPA 350.1	WETA/41438		
35164522005	**B65**	EPA 350.1	WETA/41438		
35164522006	**B41-1**	EPA 350.1	WETA/41438		
35164522001	**EQ Blank 11/19/14**	EPA 353.2	WETA/41403		
35164522002	**B40-1**	EPA 353.2	WETA/41403		
35164522003	**B40-2**	EPA 353.2	WETA/41403		
35164522004	**B40-2 Dup**	EPA 353.2	WETA/41403		
35164522005	**B65**	EPA 353.2	WETA/41403		
35164522006	**B41-1**	EPA 353.2	WETA/41403		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

CHAIN-C

The Chain-of-C

WO# : 35164522

35164522

1 of 1

1867138

Section A Required Client Information:	Section B Required Project Information:		
Company: JoLusia County Solid Waste	Report To: Ms Jennifer Stirk	Attention:	
Address: 1996 Tuckahoe Farm.	Copy To:	Company Name:	REGULATORY AGENCY
		Address:	☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
Email To:	Purchase Order No.:	Pace Quote Reference:	☐ UST ☐ RCRA ☐ OTHER
Phone: Fax:	Project Name:	Pace Project Manager:	Site Location STATE:
Requested Due Date/TAT:	Project Number:	Pace Profile #:	

ITEM #	Section D Required Client Information — 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: TDS, N.Nitrate, Sulfate	Cond, Cond, Metal	Nitrogen NH3	Soil EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EO					11-19-14	0930		3	1	1	3													
2	B 40-1						1118																		
3	B 4-2						1148																		
4	Duplicate						1148																		
5	B 65						1312																		
6	B 41-1						1426																		
7	Trip Blank						0000																		
8																									
9																									
10																									
11																									
12																									

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] / JOLE	11-19-14	1530	[signature]	11-19-14	1530	10.5 T-52	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	DIANE JOLE	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
SIGNATURE of SAMPLER:	[signature] DATE Signed (MM/DD/YY): 11-19-14				

*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 Landfill Semi Annual
WELL NO: 6	SAMPLE ID: EG	DATE: 11-19-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	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: DPW ICL	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: ~~0925~~ 0925	SAMPLING ENDED AT: ~~0830~~ 0936
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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			TDS, NITRATE, Cl, SO4 NOTE ~~PP~~ ESP	PP	< 400
	1	1	250	HNO3		< 2	6010 6020		
	1	1	250	H2SO4		< 2	NITROGEN NH3		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:

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

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

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME:	Volusia County Solid Waste	SITE LOCATION:	Tomoka Landfill SEMI Annual
WELL NO:	1	SAMPLE ID:	B40-1
		DATE:	11-19-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 5.97	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)
= (29.35 feet – 5.97 feet) X 0.16 gallons/foot = 3.7408 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) NA
= 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):
9	12	1012	1110	5.8

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)
1050	3.80	3.80	0.1	5.95	5.20	18.55	6.37	0.80	0.54	Yellow	Sulfur
1100	1.00	4.80	0.1	9.95	5.22	19.42	6.28	0.77	0.29	L	L
1110	1.00	5.80	0.1	9.95	5.23	18.97	6.38	0.85	0.49	L	L

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: DAVID ICR	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1110	SAMPLING ENDED AT: 1118
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PL	1000	ICE		5.23	TDS, Nitrate, Cl, Sulfate	PP	< 400
	1	/	250	HNO_3		< 2	6010 6020	/	/
	1		250	H_2SO_4		< 2	Nitrogen NH_3	/	/
	2	CG	40	ICE		5.23	8011 EDB	/	/
	3	CG	40	HCL		< 2	8260 VOC	/	/

REMARKS:
ORP - 101.3 ORP - 111.2 ORP - 121.7

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 Landfill Semi Annual	
WELL NO: 2	SAMPLE ID: B 40-2 / Duplicate		DATE: 11-5-14

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)
= (17.15 feet – 4.05 feet) X 0.16 gallons/foot = 2.096 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):
9	9	1125	1142	3.40

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 mS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1136	2.20	2.20	0.20	5.46	5.85	20.25	656	0.81	17.60	Yellow	Sulfur
1139	0.60	2.80	0.20	5.46	5.85	20.76	663	0.82	15.36	"	"
1142	0.60	3.40	0.20	5.46	5.86	20.72	669	0.83	10.47	"	"

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./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: DAVID ICE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1142	SAMPLING ENDED AT: 1148
PUMP OR TUBING DEPTH IN WELL (feet): 9	TUBING MATERIAL CODE: PE	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		5.86	TDS, Nitrate Chloride	PP	400
	1	"	250	HNO_3		< 2	6010 6020	"	"
	1	"	250	H_2SO_4		< 2	N. Trogen NH3	"	"
	2	CG	40	ICE		5.86	8011 EDB	"	"
	3	CG	40	HCL		< 2	8260 VOC	"	"

REMARKS:
ORP -127.8 ORP 1363 ORP -144.8

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 Landfill Semi Annual	
WELL NO: 3	SAMPLE ID: B 65		DATE: 11-19-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.24	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)

= (17.62 feet – 4.24 feet) X 0.16 gallons/foot = 2.1408 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):
8	8	1250	1307	3.4

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)
1301	2.2	2.2	0.20	4.29	5.87	~~15.73~~ 20.46	6.31	0.42	0.75	Yellow	Sulfur
1304	0.6	2.8	0.20	4.29	5.85	20.52	6.36	0.43	0.52	"	"
1307	0.6	3.4	0.20	4.29	5.83	20.56	6.39	0.38	0.59	"	"

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./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: DAC, P JCE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1307	SAMPLING ENDED AT: 1312
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					
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		5.83	TDS, Nitrate Cl, Sulfate	PP	≤ 400
	1	"	250	HNO3		<2	6010 6020		
	1	"	250	H2SO4		<2	Nitrogen NH3		
	2	CG	40	ICE		5.83	8011 EDB		
	3	CG	40	HCl		<2	8260 -VOC		

REMARKS:

ORP 100-2 ORP -116.5 ORP -149.1

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 Landfill Semi Annual

WELL NO: 4 | SAMPLE ID: B41-1 | DATE: 11-19-19

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 8.95 | 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)
= (38.17 feet – 8.95 feet) X 0.16 gallons/foot = 4.6752 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: 1345 | PURGING ENDED AT: 1421 | TOTAL VOLUME PURGED (gallons): 7.2

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)
1409	4.8	4.8	0.20	8.80	6.13	21.77	1411	0.86	8.05	Yellow	Sulfer
1415	1.2	6.0	0.20	8.86	6.13	21.73	1410	0.89	7.39	"	"
1421	1.2	7.2	0.20	8.80	6.13	21.20	1416	0.94	7.46	"	"

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: DAVID ICL | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1421 | SAMPLING ENDED AT: 1426

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					
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		6.13	TDS, NITRATE Cl SULFATE	PP	< 400
	1	1	250	HNO_3		~~6.13~~ 2	6010 6020		
	1		250	H_2SO_4		2	NITROGEN NH_3		
	2	CG	40	ICE		6.13	BOD COD		
	3	GC	46	HCL		< 2	8260 VOC		

REMARKS:
ORP = 106.2 ORP = 108.2 ORP = 101.1

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

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

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

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Volusia County Solid Waste Project #: 35116522

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: JP 11/19/14 15:30

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

Thermometer Used: T-58 Type of Ice: (Wet) Blue None

Cooler Temperature °C: 1.4 (Visual) 0.1 (Correction Factor) 1.5 (Actual) 9.9 0.1 10.0

(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 ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volumé	☐
Coect Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in conance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID: _____

Pduction Code: _____

De/Time Opened: _____

Nnber 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

December 03, 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.: 35164825

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

CERTIFICATIONS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE SUMMARY

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35164825001	**EQ Blank 11/20/14**	Water	11/20/14 09:00	11/20/14 16:50
35164825002	**B41-2**	Water	11/20/14 09:34	11/20/14 16:50
35164825003	**B41-2 Dup**	Water	11/20/14 09:34	11/20/14 16:50
35164825004	**B1-B**	Water	11/20/14 10:46	11/20/14 16:50
35164825005	**B42-1**	Water	11/20/14 11:37	11/20/14 16:50
35164825006	**B42-2**	Water	11/20/14 12:00	11/20/14 16:50
35164825007	**B60**	Water	11/20/14 13:22	11/20/14 16:50
35164825008	**B-2**	Water	11/20/14 13:58	11/20/14 16:50
35164825009	**B33-1**	Water	11/20/14 14:31	11/20/14 16:50
35164825010	**B33-2**	Water	11/20/14 15:04	11/20/14 16:50
35164825011	**B32**	Water	11/20/14 16:07	11/20/14 16:50
35164825012	**Trip Blank 11/20/14**	Water	11/20/14 00:00	11/20/14 16:50

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35164825001	**EQ Blank 11/20/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825002	**B41-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825003	**B41-2 Dup**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825004	**B1-B**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825005	**B42-1**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825006	**B42-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825007	**B60**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825008	**B-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825009	**B33-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825010	**B33-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825011	**B32**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	AIS	1	PASI-O
35164825012	**Trip Blank 11/20/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164825002	**B41-2**					
	Field pH	6.33	Std. Units		11/20/14 09:34	
	Field Temperature	19.84	deg C		11/20/14 09:34	
	Appearance	Color: Yellow, Sheen: none			11/20/14 09:34	
	Field Specific Conductance	577	umhos/cm		11/20/14 09:34	
	Oxygen, Dissolved	0.37	mg/L		11/20/14 09:34	
	REDOX	-154.9	mV		11/20/14 09:34	
	Turbidity	0.72	NTU		11/20/14 09:34	
	Water Level(NGVD)	23.81	feet		11/20/14 09:34	
EPA 6010	Barium	34.0	ug/L	10.0	11/22/14 21:18	
EPA 6010	Iron	1090	ug/L	40.0	11/22/14 21:18	
EPA 6010	Sodium	18.9	mg/L	1.0	11/22/14 21:18	
SM 2540C	Total Dissolved Solids	412	mg/L	5.0	11/25/14 04:08	
EPA 300.0	Chloride	27.5	mg/L	5.0	11/25/14 21:49	
EPA 350.1	Nitrogen, Ammonia	0.70	mg/L	0.050	11/21/14 15:47	
35164825003	**B41-2 Dup**					
	Field pH	6.33	Std. Units		11/20/14 09:34	
	Field Temperature	19.84	deg C		11/20/14 09:34	
	Appearance	Color: Yellow, Sheen: none			11/20/14 09:34	
	Field Specific Conductance	577	umhos/cm		11/20/14 09:34	
	Oxygen, Dissolved	0.37	mg/L		11/20/14 09:34	
	REDOX	-154.9	mV		11/20/14 09:34	
	Turbidity	0.72	NTU		11/20/14 09:34	
	Water Level(NGVD)	23.81	feet		11/20/14 09:34	
EPA 6010	Barium	33.8	ug/L	10.0	11/22/14 21:22	
EPA 6010	Iron	1110	ug/L	40.0	11/22/14 21:22	
EPA 6010	Sodium	19.2	mg/L	1.0	11/22/14 21:22	
SM 2540C	Total Dissolved Solids	441	mg/L	5.0	11/25/14 04:08	
EPA 300.0	Chloride	27.5	mg/L	5.0	11/25/14 22:53	
EPA 350.1	Nitrogen, Ammonia	0.70	mg/L	0.050	11/21/14 15:49	
35164825004	**B1-B**					
	Field pH	6.15	Std. Units		11/20/14 10:46	
	Field Temperature	22.01	deg C		11/20/14 10:46	
	Appearance	Color: Yellow, Sheen: none			11/20/14 10:46	
	Field Specific Conductance	7.50	umhos/cm		11/20/14 10:46	
	Oxygen, Dissolved	0.32	mg/L		11/20/14 10:46	
	REDOX	141.2	mV		11/20/14 10:46	
	Turbidity	0.82	NTU		11/20/14 10:46	
	Water Level(NGVD)	20.66	feet		11/20/14 10:46	
EPA 6010	Barium	144	ug/L	10.0	11/22/14 21:39	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164825004	**B1-B**					
EPA 6010	Iron	12200	ug/L	40.0	11/22/14 21:39	
EPA 6010	Sodium	36.9	mg/L	1.0	11/22/14 21:39	
SM 2540C	Total Dissolved Solids	505	mg/L	5.0	11/25/14 04:09	
EPA 300.0	Chloride	25.6	mg/L	5.0	11/25/14 23:15	
EPA 300.0	Sulfate	40.9	mg/L	5.0	11/25/14 23:15	
EPA 350.1	Nitrogen, Ammonia	9.8	mg/L	0.050	11/21/14 15:51	
35164825005	**B42-1**					
	Field pH	5.55	Std. Units		11/20/14 11:37	
	Field Temperature	21.96	deg C		11/20/14 11:37	
	Appearance	Color: Yellow, Sheen: none			11/20/14 11:37	
	Field Specific Conductance	781	umhos/cm		11/20/14 11:37	
	Oxygen, Dissolved	0.29	mg/L		11/20/14 11:37	
	REDOX	-122.1	mV		11/20/14 11:37	
	Turbidity	0.49	NTU		11/20/14 11:37	
	Water Level(NGVD)	20.81	feet		11/20/14 11:37	
EPA 6010	Barium	111	ug/L	10.0	11/22/14 21:43	
EPA 6010	Iron	13400	ug/L	40.0	11/22/14 21:43	
EPA 6010	Sodium	92.3	mg/L	1.0	11/22/14 21:43	
SM 2540C	Total Dissolved Solids	639	mg/L	5.0	11/25/14 04:09	
EPA 300.0	Chloride	69.4	mg/L	10.0	11/26/14 17:28	
EPA 300.0	Sulfate	209	mg/L	10.0	11/26/14 17:28	
EPA 350.1	Nitrogen, Ammonia	0.47	mg/L	0.050	11/21/14 15:55	
35164825006	**B42-2**					
	Field pH	5.90	Std. Units		11/20/14 12:00	
	Field Temperature	21.02	deg C		11/20/14 12:00	
	Appearance	Color: Yellow, Sheen: none			11/20/14 12:00	
	Field Specific Conductance	282	umhos/cm		11/20/14 12:00	
	Oxygen, Dissolved	0.29	mg/L		11/20/14 12:00	
	REDOX	-69.4	mV		11/20/14 12:00	
	Turbidity	4.39	NTU		11/20/14 12:00	
	Water Level(NGVD)	23.87	feet		11/20/14 12:00	
EPA 6010	Arsenic	5.9 I	ug/L	10.0	11/22/14 21:48	
EPA 6010	Barium	18.8	ug/L	10.0	11/22/14 21:48	
EPA 6010	Iron	3270	ug/L	40.0	11/22/14 21:48	
EPA 6010	Sodium	5.6	mg/L	1.0	11/22/14 21:48	
SM 2540C	Total Dissolved Solids	210	mg/L	5.0	11/25/14 04:09	
EPA 300.0	Chloride	4.8 I	mg/L	5.0	11/25/14 23:57	
EPA 300.0	Sulfate	6.0	mg/L	5.0	11/25/14 23:57	
EPA 350.1	Nitrogen, Ammonia	0.52	mg/L	0.050	11/24/14 14:24	
EPA 353.2	Nitrogen, Nitrate	0.032 I	mg/L	0.050	11/21/14 09:17	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164825007	**B60**					
	Field pH	6.42	Std. Units		11/20/14 13:22	
	Field Temperature	23.10	deg C		11/20/14 13:22	
	Appearance	Color: Yellow, Sheen: none			11/20/14 13:22	
	Field Specific Conductance	501	umhos/cm		11/20/14 13:22	
	Oxygen, Dissolved	0.34	mg/L		11/20/14 13:22	
	REDOX	-84.0	mV		11/20/14 13:22	
	Turbidity	3.36	NTU		11/20/14 13:22	
	Water Level(NGVD)	25.90	feet		11/20/14 13:22	
EPA 6010	Barium	79.6	ug/L	10.0	11/22/14 21:52	
EPA 6010	Iron	3660	ug/L	40.0	11/22/14 21:52	
EPA 6010	Sodium	53.5	mg/L	1.0	11/22/14 21:52	
SM 2540C	Total Dissolved Solids	346	mg/L	5.0	11/25/14 04:09	
EPA 300.0	Chloride	69.2	mg/L	5.0	11/26/14 00:19	
EPA 350.1	Nitrogen, Ammonia	1.3	mg/L	0.050	11/21/14 15:59	
EPA 353.2	Nitrogen, Nitrate	0.091	mg/L	0.050	11/21/14 09:21	
35164825008	**B-2**					
	Field pH	5.51	Std. Units		11/20/14 13:58	
	Field Temperature	25.21	deg C		11/20/14 13:58	
	Appearance	Color: Yellow, Sheen: none			11/20/14 13:58	
	Field Specific Conductance	1013	umhos/cm		11/20/14 13:58	
	Oxygen, Dissolved	0.27	mg/L		11/20/14 13:58	
	REDOX	-155.2	mV		11/20/14 13:58	
	Turbidity	10.98	NTU		11/20/14 13:58	
	Water Level(NGVD)	27.98	feet		11/20/14 13:58	
EPA 6010	Barium	129	ug/L	10.0	11/22/14 21:56	
EPA 6010	Beryllium	1.7	ug/L	1.0	11/22/14 21:56	
EPA 6010	Chromium	6.2	ug/L	5.0	11/22/14 21:56	
EPA 6010	Copper	3.6	I ug/L	5.0	11/22/14 21:56	
EPA 6010	Iron	30100	ug/L	40.0	11/22/14 21:56	
EPA 6010	Nickel	5.1	ug/L	5.0	11/22/14 21:56	
EPA 6010	Sodium	28.9	mg/L	1.0	11/22/14 21:56	
EPA 6010	Vanadium	17.9	ug/L	10.0	11/22/14 21:56	
SM 2540C	Total Dissolved Solids	497	mg/L	5.0	11/25/14 04:10	
EPA 300.0	Chloride	46.0	mg/L	10.0	11/26/14 00:40	
EPA 300.0	Sulfate	401	mg/L	25.0	11/26/14 17:47	
EPA 350.1	Nitrogen, Ammonia	5.7	mg/L	0.050	11/21/14 16:01	
35164825009	**B33-1**					
	Field pH	6.04	Std. Units		11/20/14 14:31	
	Field Temperature	23.80	deg C		11/20/14 14:31	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164825009	**B33-1**					
	Appearance	Color: Yellow, Sheen: none			11/20/14 14:31	
	Field Specific Conductance	607	umhos/cm		11/20/14 14:31	
	Oxygen, Dissolved	0.23	mg/L		11/20/14 14:31	
	REDOX	-147.3	mV		11/20/14 14:31	
	Turbidity	7.43	NTU		11/20/14 14:31	
	Water Level(NGVD)	27.15	feet		11/20/14 14:31	
EPA 6010	Barium	52.1	ug/L	10.0	11/22/14 22:00	
EPA 6010	Chromium	3.1 I	ug/L	5.0	11/22/14 22:00	
EPA 6010	Iron	10500	ug/L	40.0	11/22/14 22:00	
EPA 6010	Sodium	62.4	mg/L	1.0	11/22/14 22:00	
SM 2540C	Total Dissolved Solids	771	mg/L	5.0	11/25/14 04:11	
EPA 300.0	Chloride	83.5	mg/L	5.0	11/26/14 01:02	
EPA 350.1	Nitrogen, Ammonia	0.26	mg/L	0.050	11/21/14 16:11	
35164825010	**B33-2**					
	Field pH	6.47	Std. Units		11/20/14 15:04	
	Field Temperature	23.21	deg C		11/20/14 15:04	
	Appearance	Color: Yellow, Sheen: none			11/20/14 15:04	
	Field Specific Conductance	990	umhos/cm		11/20/14 15:04	
	Oxygen, Dissolved	0.38	mg/L		11/20/14 15:04	
	REDOX	-84.8	mV		11/20/14 15:04	
	Turbidity	3.52	NTU		11/20/14 15:04	
	Water Level(NGVD)	27.77	feet		11/20/14 15:04	
EPA 6010	Barium	83.4	ug/L	10.0	11/22/14 22:05	
EPA 6010	Chromium	4.4 I	ug/L	5.0	11/22/14 22:05	
EPA 6010	Iron	3660	ug/L	40.0	11/22/14 22:05	
EPA 6010	Nickel	4.6 I	ug/L	5.0	11/22/14 22:05	
EPA 6010	Sodium	111	mg/L	1.0	11/22/14 22:05	
EPA 6010	Vanadium	6.7 I	ug/L	10.0	11/22/14 22:05	
SM 2540C	Total Dissolved Solids	474	mg/L	5.0	11/25/14 04:11	
EPA 300.0	Chloride	42.3	mg/L	10.0	11/26/14 01:23	
EPA 300.0	Sulfate	20.1	mg/L	10.0	11/26/14 01:23	
EPA 350.1	Nitrogen, Ammonia	0.32	mg/L	0.050	11/21/14 16:18	
35164825011	**B32**					
	Field pH	6.45	Std. Units		11/20/14 16:07	
	Field Temperature	23.58	deg C		11/20/14 16:07	
	Appearance	Color: Yellow, Sheen: none			11/20/14 16:07	
	Field Specific Conductance	625	umhos/cm		11/20/14 16:07	
	Oxygen, Dissolved	0.19	mg/L		11/20/14 16:07	
	REDOX	-148.1	mV		11/20/14 16:07	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35164825011	**B32**					
	Turbidity	6.75	NTU		11/20/14 16:07	
	Water Level(NGVD)	26.82	feet		11/20/14 16:07	
EPA 6010	Barium	39.9	ug/L	10.0	11/22/14 22:09	
EPA 6010	Iron	6180	ug/L	40.0	11/22/14 22:09	
EPA 6010	Sodium	28.9	mg/L	1.0	11/22/14 22:09	
SM 2540C	Total Dissolved Solids	704	mg/L	5.0	11/25/14 04:11	
EPA 300.0	Chloride	66.8	mg/L	5.0	11/26/14 02:27	
EPA 300.0	Sulfate	32.3	mg/L	5.0	11/26/14 02:27	
EPA 350.1	Nitrogen, Ammonia	0.069	mg/L	0.050	11/21/14 16:20	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: EQ Blank 11/20/14 **Lab ID: 35164825001** Collected: 11/20/14 09:00 Received: 11/20/14 16:50 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	**0.0053U**	ug/L	0.022	0.0053	1	11/21/14 12:10	11/22/14 06:12	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/21/14 12:10	11/22/14 06:12	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:14	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:14	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:14	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:14	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:14	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:14	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:14	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:14	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:14	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:14	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:14	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:14	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:14	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:14	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:14	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:15	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:15	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 13:43	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 14:28	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:28	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 14:28	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 14:28	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:28	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:28	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 14:28	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 14:28	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: EQ Blank 11/20/14 **Lab ID: 35164825001** Collected: 11/20/14 09:00 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:28	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 14:28	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 14:28	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:28	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 14:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:28	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 14:28	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 14:28	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 14:28	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-114		1		11/25/14 14:28	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 14:28	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/25/14 14:28	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/25/14 04:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/25/14 21:28	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/25/14 21:28	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/21/14 15:40	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B41-2 **Lab ID: 35164825002** Collected: 11/20/14 09:34 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.33**	Std. Units			1		11/20/14 09:34		
Field Temperature	**19.84**	deg C			1		11/20/14 09:34		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 09:34		
Field Specific Conductance	**577**	umhos/cm			1		11/20/14 09:34		
Oxygen, Dissolved	**0.37**	mg/L			1		11/20/14 09:34	7782-44-7	
REDOX	**-154.9**	mV			1		11/20/14 09:34		
Turbidity	**0.72**	NTU			1		11/20/14 09:34		
Water Level(NGVD)	**23.81**	feet			1		11/20/14 09:34		
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	11/21/14 12:10	11/22/14 06:27	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/21/14 12:10	11/22/14 06:27	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:18	7440-38-2	
Barium	**34.0**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:18	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:18	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:18	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:18	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:18	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:18	7440-50-8	
Iron	**1090**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:18	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:18	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:18	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:18	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:18	7440-22-4	
Sodium	**18.9**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:18	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:18	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:18	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:16	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:16	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 13:50	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 17:19	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 17:19	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 17:19	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 17:19	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B41-2 **Lab ID: 35164825002** Collected: 11/20/14 09:34 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 17:19	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 17:19	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 17:19	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 17:19	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 17:19	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 17:19	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 17:19	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 17:19	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 17:19	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 17:19	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 17:19	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 17:19	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 17:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/25/14 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 17:19	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/25/14 17:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B41-2 **Lab ID: 35164825002** Collected: 11/20/14 09:34 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**412**	mg/L	5.0	5.0	1		11/25/14 04:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**27.5**	mg/L	5.0	2.5	1		11/25/14 21:49	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/25/14 21:49	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.70**	mg/L	0.050	0.020	1		11/21/14 15:47	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B41-2 Dup **Lab ID: 35164825003** Collected: 11/20/14 09:34 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.33**	Std. Units			1		11/20/14 09:34		
Field Temperature	**19.84**	deg C			1		11/20/14 09:34		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 09:34		
Field Specific Conductance	**577**	umhos/cm			1		11/20/14 09:34		
Oxygen, Dissolved	**0.37**	mg/L			1		11/20/14 09:34	7782-44-7	
REDOX	**-154.9**	mV			1		11/20/14 09:34		
Turbidity	**0.72**	NTU			1		11/20/14 09:34		
Water Level(NGVD)	**23.81**	feet			1		11/20/14 09:34		
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	11/21/14 12:10	11/22/14 06:42	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/21/14 12:10	11/22/14 06:42	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:22	7440-38-2	
Barium	**33.8**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:22	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:22	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:22	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:22	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:22	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:22	7440-50-8	
Iron	**1110**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:22	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:22	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:22	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:22	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:22	7440-22-4	
Sodium	**19.2**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:22	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:22	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:22	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:18	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:18	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 13:52	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 18:07	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:07	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 18:07	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 18:07	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B41-2 Dup **Lab ID: 35164825003** Collected: 11/20/14 09:34 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	74-83-9	J(M1)
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:07	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:07	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 18:07	74-87-3	J(L2), J(M0)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 18:07	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:07	110-57-6	J(M1)
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 18:07	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 18:07	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:07	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	74-88-4	J(L2), J(M0)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 18:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:07	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 18:07	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 18:07	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 18:07	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		11/25/14 18:07	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 18:07	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/25/14 18:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B41-2 Dup **Lab ID: 35164825003** Collected: 11/20/14 09:34 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**441**	mg/L	5.0	5.0	1		11/25/14 04:08		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**27.5**	mg/L	5.0	2.5	1		11/25/14 22:53	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/25/14 22:53	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.70**	mg/L	0.050	0.020	1		11/21/14 15:49	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B1-B **Lab ID: 35164825004** Collected: 11/20/14 10:46 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.15**	Std. Units			1		11/20/14 10:46		
Field Temperature	**22.01**	deg C			1		11/20/14 10:46		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 10:46		
Field Specific Conductance	**7.50**	umhos/cm			1		11/20/14 10:46		
Oxygen, Dissolved	**0.32**	mg/L			1		11/20/14 10:46	7782-44-7	
REDOX	**141.2**	mV			1		11/20/14 10:46		
Turbidity	**0.82**	NTU			1		11/20/14 10:46		
Water Level(NGVD)	**20.66**	feet			1		11/20/14 10:46		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/21/14 12:10	11/22/14 07:13	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/21/14 12:10	11/22/14 07:13	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:39	7440-38-2	
Barium	**144**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:39	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:39	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:39	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:39	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:39	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:39	7440-50-8	
Iron	**12200**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:39	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:39	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:39	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:39	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:39	7440-22-4	
Sodium	**36.9**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:39	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:39	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:39	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:20	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:20	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 13:54	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 18:32	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:32	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 18:32	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 18:32	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B1-B **Lab ID: 35164825004** Collected: 11/20/14 10:46 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:32	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:32	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 18:32	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 18:32	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:32	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 18:32	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 18:32	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:32	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 18:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:32	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 18:32	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 18:32	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 18:32	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		11/25/14 18:32	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 18:32	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		11/25/14 18:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B1-B **Lab ID: 35164825004** Collected: 11/20/14 10:46 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**505**	mg/L	5.0	5.0	1		11/25/14 04:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**25.6**	mg/L	5.0	2.5	1		11/25/14 23:15	16887-00-6	
Sulfate	**40.9**	mg/L	5.0	2.5	1		11/25/14 23:15	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**9.8**	mg/L	0.050	0.020	1		11/21/14 15:51	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B42-1 **Lab ID: 35164825005** Collected: 11/20/14 11:37 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.55**	Std. Units			1		11/20/14 11:37		
Field Temperature	**21.96**	deg C			1		11/20/14 11:37		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 11:37		
Field Specific Conductance	**781**	umhos/cm			1		11/20/14 11:37		
Oxygen, Dissolved	**0.29**	mg/L			1		11/20/14 11:37	7782-44-7	
REDOX	**-122.1**	mV			1		11/20/14 11:37		
Turbidity	**0.49**	NTU			1		11/20/14 11:37		
Water Level(NGVD)	**20.81**	feet			1		11/20/14 11:37		
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	11/21/14 12:10	11/22/14 07:28	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/21/14 12:10	11/22/14 07:28	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:43	7440-38-2	
Barium	**111**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:43	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:43	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:43	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:43	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:43	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:43	7440-50-8	
Iron	**13400**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:43	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:43	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:43	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:43	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:43	7440-22-4	
Sodium	**92.3**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:43	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:43	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:43	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:21	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:21	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	11/26/14 11:21	12/01/14 13:56	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 18:56	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:56	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 18:56	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 18:56	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B42-1 **Lab ID: 35164825005** Collected: 11/20/14 11:37 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:56	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:56	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 18:56	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 18:56	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:56	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 18:56	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 18:56	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:56	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 18:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 18:56	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 18:56	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 18:56	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 18:56	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 18:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/25/14 18:56	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		11/25/14 18:56	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		11/25/14 18:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B42-1 **Lab ID: 35164825005** Collected: 11/20/14 11:37 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**639**	mg/L	5.0	5.0	1		11/25/14 04:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**69.4**	mg/L	10.0	5.0	2		11/26/14 17:28	16887-00-6	
Sulfate	**209**	mg/L	10.0	5.0	2		11/26/14 17:28	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.47**	mg/L	0.050	0.020	1		11/21/14 15:55	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:16		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B42-2 **Lab ID: 35164825006** Collected: 11/20/14 12:00 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.90**	Std. Units			1		11/20/14 12:00		
Field Temperature	**21.02**	deg C			1		11/20/14 12:00		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 12:00		
Field Specific Conductance	**282**	umhos/cm			1		11/20/14 12:00		
Oxygen, Dissolved	**0.29**	mg/L			1		11/20/14 12:00	7782-44-7	
REDOX	**-69.4**	mV			1		11/20/14 12:00		
Turbidity	**4.39**	NTU			1		11/20/14 12:00		
Water Level(NGVD)	**23.87**	feet			1		11/20/14 12:00		
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	11/21/14 12:10	11/22/14 07:43	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/21/14 12:10	11/22/14 07:43	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	11/21/14 10:45	11/22/14 21:48	7440-38-2	
Barium	**18.8**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:48	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:48	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:48	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:48	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:48	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:48	7440-50-8	
Iron	**3270**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:48	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:48	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:48	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:48	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:48	7440-22-4	
Sodium	**5.6**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:48	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:48	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 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	11/21/14 10:45	11/24/14 18:23	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:23	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/01/14 16:02	12/02/14 15:40	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 19:21	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:21	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 19:21	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 19:21	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B42-2 **Lab ID: 35164825006** Collected: 11/20/14 12:00 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:21	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:21	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 19:21	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 19:21	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:21	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 19:21	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 19:21	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:21	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 19:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:21	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 19:21	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 19:21	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 19:21	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-114		1		11/25/14 19:21	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/25/14 19:21	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		11/25/14 19:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B42-2 **Lab ID: 35164825006** Collected: 11/20/14 12:00 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**210**	mg/L	5.0	5.0	1		11/25/14 04:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**4.8 I**	mg/L	5.0	2.5	1		11/25/14 23:57	16887-00-6	
Sulfate	**6.0**	mg/L	5.0	2.5	1		11/25/14 23:57	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.52**	mg/L	0.050	0.020	1		11/24/14 14:24	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.032 I**	mg/L	0.050	0.025	1		11/21/14 09:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B60 **Lab ID: 35164825007** Collected: 11/20/14 13:22 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.42**	Std. Units			1		11/20/14 13:22		
Field Temperature	**23.10**	deg C			1		11/20/14 13:22		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 13:22		
Field Specific Conductance	**501**	umhos/cm			1		11/20/14 13:22		
Oxygen, Dissolved	**0.34**	mg/L			1		11/20/14 13:22	7782-44-7	
REDOX	**-84.0**	mV			1		11/20/14 13:22		
Turbidity	**3.36**	NTU			1		11/20/14 13:22		
Water Level(NGVD)	**25.90**	feet			1		11/20/14 13:22		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/21/14 12:10	11/22/14 07:58	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/21/14 12:10	11/22/14 07:58	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:52	7440-38-2	
Barium	**79.6**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:52	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:52	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:52	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:52	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:52	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:52	7440-50-8	
Iron	**3660**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:52	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:52	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:52	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:52	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:52	7440-22-4	
Sodium	**53.5**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:52	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:52	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:52	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:25	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:25	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/01/14 16:02	12/02/14 15:42	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 19:46	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:46	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 19:46	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 19:46	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B60 **Lab ID: 35164825007** Collected: 11/20/14 13:22 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:46	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:46	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 19:46	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 19:46	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:46	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 19:46	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 19:46	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:46	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 19:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 19:46	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 19:46	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 19:46	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 19:46	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 19:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/25/14 19:46	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 19:46	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/25/14 19:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B60 **Lab ID: 35164825007** Collected: 11/20/14 13:22 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**346**	mg/L	5.0	5.0	1		11/25/14 04:09		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**69.2**	mg/L	5.0	2.5	1		11/26/14 00:19	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/26/14 00:19	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.3**	mg/L	0.050	0.020	1		11/21/14 15:59	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.091**	mg/L	0.050	0.025	1		11/21/14 09:21		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B-2 **Lab ID: 35164825008** Collected: 11/20/14 13:58 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.51**	Std. Units			1		11/20/14 13:58		
Field Temperature	**25.21**	deg C			1		11/20/14 13:58		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 13:58		
Field Specific Conductance	**1013**	umhos/cm			1		11/20/14 13:58		
Oxygen, Dissolved	**0.27**	mg/L			1		11/20/14 13:58	7782-44-7	
REDOX	**-155.2**	mV			1		11/20/14 13:58		
Turbidity	**10.98**	NTU			1		11/20/14 13:58		
Water Level(NGVD)	**27.98**	feet			1		11/20/14 13:58		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/21/14 12:10	11/22/14 08:13	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/21/14 12:10	11/22/14 08:13	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:56	7440-38-2	
Barium	**129**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:56	7440-39-3	
Beryllium	**1.7**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:56	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:56	7440-43-9	
Chromium	**6.2**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:56	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:56	7440-48-4	
Copper	**3.6 I**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:56	7440-50-8	
Iron	**30100**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 21:56	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:56	7439-92-1	
Nickel	**5.1**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:56	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 21:56	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 21:56	7440-22-4	
Sodium	**28.9**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 21:56	7440-23-5	
Vanadium	**17.9**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 21:56	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 21:56	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:31	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:31	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/01/14 16:02	12/02/14 15:44	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 20:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 20:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 20:10	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B-2 **Lab ID: 35164825008** Collected: 11/20/14 13:58 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 20:10	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 20:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 20:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 20:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 20:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 20:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 20:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 20:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/25/14 20:10	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/25/14 20:10	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		11/25/14 20:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B-2 **Lab ID: 35164825008** Collected: 11/20/14 13:58 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**497**	mg/L	5.0	5.0	1		11/25/14 04:10		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**46.0**	mg/L	10.0	5.0	2		11/26/14 00:40	16887-00-6	
Sulfate	**401**	mg/L	25.0	12.5	5		11/26/14 17:47	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**5.7**	mg/L	0.050	0.020	1		11/21/14 16:01	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:25		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B33-1 **Lab ID: 35164825009** Collected: 11/20/14 14:31 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.04**	Std. Units			1		11/20/14 14:31		
Field Temperature	**23.80**	deg C			1		11/20/14 14:31		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 14:31		
Field Specific Conductance	**607**	umhos/cm			1		11/20/14 14:31		
Oxygen, Dissolved	**0.23**	mg/L			1		11/20/14 14:31	7782-44-7	
REDOX	**-147.3**	mV			1		11/20/14 14:31		
Turbidity	**7.43**	NTU			1		11/20/14 14:31		
Water Level(NGVD)	**27.15**	feet			1		11/20/14 14:31		
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	11/21/14 12:10	11/22/14 08:28	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0071U**	ug/L	0.011	0.0071	1	11/21/14 12:10	11/22/14 08:28	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:00	7440-38-2	
Barium	**52.1**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:00	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:00	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:00	7440-43-9	
Chromium	**3.1 I**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:00	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:00	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:00	7440-50-8	
Iron	**10500**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 22:00	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:00	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:00	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 22:00	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:00	7440-22-4	
Sodium	**62.4**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:00	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:00	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 22:00	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:33	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:33	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/01/14 16:02	12/02/14 15:51	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 20:35	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:35	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 20:35	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 20:35	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B33-1 **Lab ID: 35164825009** Collected: 11/20/14 14:31 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:35	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:35	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 20:35	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 20:35	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:35	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 20:35	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 20:35	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:35	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 20:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:35	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 20:35	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 20:35	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 20:35	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-114		1		11/25/14 20:35	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		11/25/14 20:35	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		11/25/14 20:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B33-1 **Lab ID: 35164825009** Collected: 11/20/14 14:31 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**771**	mg/L	5.0	5.0	1		11/25/14 04:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**83.5**	mg/L	5.0	2.5	1		11/26/14 01:02	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/26/14 01:02	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.26**	mg/L	0.050	0.020	1		11/21/14 16:11	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B33-2 **Lab ID: 35164825010** Collected: 11/20/14 15:04 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.47**	Std. Units			1		11/20/14 15:04		
Field Temperature	**23.21**	deg C			1		11/20/14 15:04		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 15:04		
Field Specific Conductance	**990**	umhos/cm			1		11/20/14 15:04		
Oxygen, Dissolved	**0.38**	mg/L			1		11/20/14 15:04	7782-44-7	
REDOX	**-84.8**	mV			1		11/20/14 15:04		
Turbidity	**3.52**	NTU			1		11/20/14 15:04		
Water Level(NGVD)	**27.77**	feet			1		11/20/14 15:04		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/21/14 12:10	11/22/14 08:44	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/21/14 12:10	11/22/14 08:44	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:05	7440-38-2	
Barium	**83.4**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:05	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:05	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:05	7440-43-9	
Chromium	**4.4 I**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:05	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:05	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:05	7440-50-8	
Iron	**3660**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 22:05	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:05	7439-92-1	
Nickel	**4.6 I**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:05	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 22:05	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:05	7440-22-4	
Sodium	**111**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:05	7440-23-5	
Vanadium	**6.7 I**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:05	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 22:05	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:34	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:34	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/01/14 16:02	12/02/14 15:53	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 20:59	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:59	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 20:59	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 20:59	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B33-2 **Lab ID: 35164825010** Collected: 11/20/14 15:04 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:59	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:59	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 20:59	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 20:59	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:59	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 20:59	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 20:59	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:59	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 20:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 20:59	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 20:59	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 20:59	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 20:59	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 20:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-114		1		11/25/14 20:59	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	86-125		1		11/25/14 20:59	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		11/25/14 20:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B33-2 **Lab ID: 35164825010** Collected: 11/20/14 15:04 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**474**	mg/L	5.0	5.0	1		11/25/14 04:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**42.3**	mg/L	10.0	5.0	2		11/26/14 01:23	16887-00-6	
Sulfate	**20.1**	mg/L	10.0	5.0	2		11/26/14 01:23	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.32**	mg/L	0.050	0.020	1		11/21/14 16:18	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B32 **Lab ID: 35164825011** Collected: 11/20/14 16:07 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.45**	Std. Units			1		11/20/14 16:07		
Field Temperature	**23.58**	deg C			1		11/20/14 16:07		
Appearance	**Color: Yellow, Sheen: none**				1		11/20/14 16:07		
Field Specific Conductance	**625**	umhos/cm			1		11/20/14 16:07		
Oxygen, Dissolved	**0.19**	mg/L			1		11/20/14 16:07	7782-44-7	
REDOX	**-148.1**	mV			1		11/20/14 16:07		
Turbidity	**6.75**	NTU			1		11/20/14 16:07		
Water Level(NGVD)	**26.82**	feet			1		11/20/14 16:07		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/21/14 12:10	11/22/14 08:59	96-12-8	L3
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/21/14 12:10	11/22/14 08:59	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:09	7440-38-2	
Barium	**39.9**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:09	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:09	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:09	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:09	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:09	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:09	7440-50-8	
Iron	**6180**	ug/L	40.0	20.0	1	11/21/14 10:45	11/22/14 22:09	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:09	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:09	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/21/14 10:45	11/22/14 22:09	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/21/14 10:45	11/22/14 22:09	7440-22-4	
Sodium	**28.9**	mg/L	1.0	0.50	1	11/21/14 10:45	11/22/14 22:09	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/21/14 10:45	11/22/14 22:09	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/21/14 10:45	11/22/14 22:09	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:36	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/21/14 10:45	11/24/14 18:36	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/01/14 16:02	12/02/14 15:55	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 21:24	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 21:24	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 21:24	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 21:24	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B32 **Lab ID: 35164825011** Collected: 11/20/14 16:07 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 21:24	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 21:24	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 21:24	74-87-3	J(L2)
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 21:24	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 21:24	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 21:24	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 21:24	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 21:24	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 21:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 21:24	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 21:24	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 21:24	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 21:24	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 21:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		11/25/14 21:24	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	86-125		1		11/25/14 21:24	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/25/14 21:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: B32 **Lab ID: 35164825011** Collected: 11/20/14 16:07 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**704**	mg/L	5.0	5.0	1		11/25/14 04:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**66.8**	mg/L	5.0	2.5	1		11/26/14 02:27	16887-00-6	
Sulfate	**32.3**	mg/L	5.0	2.5	1		11/26/14 02:27	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.069**	mg/L	0.050	0.020	1		11/21/14 16:20	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/21/14 09:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: Trip Blank 11/20/14 **Lab ID: 35164825012** Collected: 11/20/14 00:00 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		11/25/14 14:53	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:53	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		11/25/14 14:53	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		11/25/14 14:53	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:53	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:53	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		11/25/14 14:53	74-87-3	J(L2)
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		11/25/14 14:53	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		11/25/14 14:53	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:53	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 14:53	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		11/25/14 14:53	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:53	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	74-88-4	J(L2)
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		11/25/14 14:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		11/25/14 14:53	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		11/25/14 14:53	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		11/25/14 14:53	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		11/25/14 14:53	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

ANALYTICAL RESULTS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

Sample: Trip Blank 11/20/14 **Lab ID: 35164825012** Collected: 11/20/14 00:00 Received: 11/20/14 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		11/25/14 14:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		11/25/14 14:53	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		11/25/14 14:53	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		11/25/14 14:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: MERP/5143 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005

METHOD BLANK: 1067802 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	12/01/14 12:57	

LABORATORY CONTROL SAMPLE: 1067803

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: 1067804 1067805

Parameter	Units	35164825005 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	1.9	90	96	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: MERP/5148 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1069154 Matrix: Water
Associated Lab Samples: 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	12/02/14 15:25	

LABORATORY CONTROL SAMPLE: 1069155

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: 1069156 1069157

Parameter	Units	35164843004 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	2.0	2.0	102	102	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: MPRP/21617 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1063381 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/22/14 20:10	
Barium	ug/L	5.0U	10.0	11/22/14 20:10	
Beryllium	ug/L	0.50U	1.0	11/22/14 20:10	
Cadmium	ug/L	0.50U	1.0	11/22/14 20:10	
Chromium	ug/L	2.5U	5.0	11/22/14 20:10	
Cobalt	ug/L	5.0U	10.0	11/22/14 20:10	
Copper	ug/L	2.5U	5.0	11/22/14 20:10	
Iron	ug/L	20.0U	40.0	11/22/14 20:10	
Lead	ug/L	5.0U	10.0	11/22/14 20:10	
Nickel	ug/L	2.5U	5.0	11/22/14 20:10	
Selenium	ug/L	7.5U	15.0	11/22/14 20:10	
Silver	ug/L	2.5U	5.0	11/22/14 20:10	
Sodium	mg/L	0.50U	1.0	11/22/14 20:10	
Vanadium	ug/L	5.0U	10.0	11/22/14 20:10	
Zinc	ug/L	10.0U	20.0	11/22/14 20:10	

LABORATORY CONTROL SAMPLE: 1063382

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	243	97	80-120	
Barium	ug/L	250	250	100	80-120	
Beryllium	ug/L	25	26.0	104	80-120	
Cadmium	ug/L	25	25.5	102	80-120	
Chromium	ug/L	250	255	102	80-120	
Cobalt	ug/L	250	257	103	80-120	
Copper	ug/L	250	260	104	80-120	
Iron	ug/L	2500	2500	100	80-120	
Lead	ug/L	250	263	105	80-120	
Nickel	ug/L	250	262	105	80-120	
Selenium	ug/L	250	256	102	80-120	
Silver	ug/L	25	25.4	101	80-120	
Sodium	mg/L	12.5	12.7	102	80-120	
Vanadium	ug/L	250	253	101	80-120	
Zinc	ug/L	1250	1250	100	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063383 1063384

Parameter	Units	35164699001 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	250	248	99	99	75-125	1	20	
Barium	ug/L	20.6	250	250	274	272	101	100	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	25.5	24.0	101	95	75-125	6	20	
Cadmium	ug/L	0.50U	25	25	24.6	24.4	98	98	75-125	1	20	
Chromium	ug/L	3.2 I	250	250	252	250	99	99	75-125	0	20	
Cobalt	ug/L	5.0U	250	250	251	250	100	100	75-125	0	20	
Copper	ug/L	2.5U	250	250	271	262	108	104	75-125	4	20	
Iron	ug/L	47.6	2500	2500	2500	2420	98	95	75-125	3	20	
Lead	ug/L	5.0U	250	250	255	254	102	102	75-125	0	20	
Nickel	ug/L	5.0 I	250	250	257	257	101	101	75-125	0	20	
Selenium	ug/L	7.5U	250	250	258	255	102	101	75-125	1	20	
Silver	ug/L	2.5U	25	25	25.7	25.3	103	101	75-125	2	20	
Sodium	mg/L	12100 ug/L	12.5	12.5	24.7	24.2	101	96	75-125	2	20	
Vanadium	ug/L	5.1 I	250	250	258	253	101	99	75-125	2	20	
Zinc	ug/L	10.0U	1250	1250	1250	1250	100	100	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: MPRP/21618 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1063385 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/24/14 17:49	
Thallium	ug/L	0.50U	1.0	11/24/14 17:49	

LABORATORY CONTROL SAMPLE: 1063386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	49.7	99	80-120	
Thallium	ug/L	50	49.8	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063387 1063388

Parameter	Units	35164549006 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	46.6	48.9	93	98	75-125	5	20	
Thallium	ug/L	0.50U	50	50	50.3	51.5	101	103	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: MSV/13368 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011, 35164825012

METHOD BLANK: 1066952 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011, 35164825012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/25/14 12:50	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/25/14 12:50	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/25/14 12:50	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/25/14 12:50	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/25/14 12:50	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/25/14 12:50	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	11/25/14 12:50	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/25/14 12:50	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/25/14 12:50	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/25/14 12:50	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/25/14 12:50	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/25/14 12:50	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/25/14 12:50	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/25/14 12:50	
2-Hexanone	ug/L	5.0U	10.0	11/25/14 12:50	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/25/14 12:50	
Acetone	ug/L	10.0U	20.0	11/25/14 12:50	
Acrylonitrile	ug/L	5.0U	10.0	11/25/14 12:50	
Benzene	ug/L	0.10U	1.0	11/25/14 12:50	
Bromochloromethane	ug/L	0.50U	1.0	11/25/14 12:50	
Bromodichloromethane	ug/L	0.27U	0.60	11/25/14 12:50	
Bromoform	ug/L	0.50U	1.0	11/25/14 12:50	
Bromomethane	ug/L	0.50U	1.0	11/25/14 12:50	
Carbon disulfide	ug/L	5.0U	10.0	11/25/14 12:50	
Carbon tetrachloride	ug/L	0.50U	1.0	11/25/14 12:50	
Chlorobenzene	ug/L	0.50U	1.0	11/25/14 12:50	
Chloroethane	ug/L	0.50U	1.0	11/25/14 12:50	
Chloroform	ug/L	0.50U	1.0	11/25/14 12:50	
Chloromethane	ug/L	0.62U	1.0	11/25/14 12:50	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/25/14 12:50	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/25/14 12:50	
Dibromochloromethane	ug/L	0.26U	0.50	11/25/14 12:50	
Dibromomethane	ug/L	0.50U	1.0	11/25/14 12:50	
Ethylbenzene	ug/L	0.50U	1.0	11/25/14 12:50	
Iodomethane	ug/L	0.50U	1.0	11/25/14 12:50	
Methylene Chloride	ug/L	2.5U	5.0	11/25/14 12:50	
Styrene	ug/L	0.50U	1.0	11/25/14 12:50	
Tetrachloroethene	ug/L	0.50U	1.0	11/25/14 12:50	
Toluene	ug/L	0.50U	1.0	11/25/14 12:50	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/25/14 12:50	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

METHOD BLANK: 1066952 Matrix: Water

Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011, 35164825012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/25/14 12:50	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/25/14 12:50	
Trichloroethene	ug/L	0.50U	1.0	11/25/14 12:50	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/25/14 12:50	
Vinyl acetate	ug/L	1.0U	2.0	11/25/14 12:50	
Vinyl chloride	ug/L	0.50U	1.0	11/25/14 12:50	
Xylene (Total)	ug/L	0.50U	1.0	11/25/14 12:50	
1,2-Dichloroethane-d4 (S)	%	109	86-125	11/25/14 12:50	
4-Bromofluorobenzene (S)	%	92	70-114	11/25/14 12:50	
Toluene-d8 (S)	%	100	87-113	11/25/14 12:50	

LABORATORY CONTROL SAMPLE: 1066953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,1-Trichloroethane	ug/L	20	20.6	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.6	93	70-130	
1,1,2-Trichloroethane	ug/L	20	18.7	94	70-130	
1,1-Dichloroethane	ug/L	20	19.9	99	70-130	
1,1-Dichloroethene	ug/L	20	21.8	109	70-130	
1,2,3-Trichloropropane	ug/L	20	20.9	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.4	87	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.0	95	70-130	
1,2-Dichlorobenzene	ug/L	20	18.5	92	70-130	
1,2-Dichloroethane	ug/L	20	19.6	98	70-130	
1,2-Dichloropropane	ug/L	20	19.4	97	70-130	
1,4-Dichlorobenzene	ug/L	20	18.3	91	70-130	
2-Butanone (MEK)	ug/L	40	28.4	71	55-167	
2-Hexanone	ug/L	40	35.0	88	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	38.7	97	70-130	
Acetone	ug/L	40	32.0	80	40-150	
Acrylonitrile	ug/L	200	167	84	70-130	
Benzene	ug/L	20	19.6	98	70-130	
Bromochloromethane	ug/L	20	20.6	103	70-130	
Bromodichloromethane	ug/L	20	20.2	101	70-130	
Bromoform	ug/L	20	18.7	94	68-130	
Bromomethane	ug/L	20	14.4	72	38-179	
Carbon disulfide	ug/L	20	21.0	105	51-155	
Carbon tetrachloride	ug/L	20	21.2	106	70-130	
Chlorobenzene	ug/L	20	20.8	104	70-130	
Chloroethane	ug/L	20	20.8	104	59-149	
Chloroform	ug/L	20	19.3	96	70-130	
Chloromethane	ug/L	20	8.0	40	68-130	J(L0)

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

LABORATORY CONTROL SAMPLE: 1066953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	20.1	101	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.4	92	70-130	
Dibromochloromethane	ug/L	20	19.8	99	70-130	
Dibromomethane	ug/L	20	19.1	96	70-130	
Ethylbenzene	ug/L	20	20.7	103	70-130	
Iodomethane	ug/L	40	13.0	32	43-160	J(L0)
Methylene Chloride	ug/L	20	19.4	97	70-130	
Styrene	ug/L	20	20.0	100	70-130	
Tetrachloroethene	ug/L	20	20.7	103	66-133	
Toluene	ug/L	20	20.5	102	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.6	103	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.1	90	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	13.3	66	65-130	
Trichloroethene	ug/L	20	20.8	104	70-130	
Trichlorofluoromethane	ug/L	20	22.4	112	70-131	
Vinyl acetate	ug/L	20	18.1	90	69-135	
Vinyl chloride	ug/L	20	18.4	92	69-140	
Xylene (Total)	ug/L	60	61.2	102	70-130	
1,2-Dichloroethane-d4 (S)	%			108	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Toluene-d8 (S)	%			101	87-113	

MATRIX SPIKE SAMPLE: 1068217

Parameter	Units	35164825003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	18.7	93	70-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.6	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	18.2	91	70-130	
1,1,2-Trichloroethane	ug/L	0.50U	20	18.3	91	70-130	
1,1-Dichloroethane	ug/L	0.50U	20	20.0	100	70-130	
1,1-Dichloroethene	ug/L	0.50U	20	22.3	112	70-130	
1,2,3-Trichloropropane	ug/L	0.59U	20	17.7	88	70-130	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	18.6	93	70-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	17.5	88	70-130	
1,2-Dichlorobenzene	ug/L	0.50U	20	18.5	92	70-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.3	97	70-130	
1,2-Dichloropropane	ug/L	0.50U	20	19.1	96	70-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	18.0	90	70-130	
2-Butanone (MEK)	ug/L	5.0U	40	29.2	73	70-130	
2-Hexanone	ug/L	5.0U	40	32.4	81	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	37.1	93	70-130	
Acetone	ug/L	10.0U	40	34.0	75	70-130	
Acrylonitrile	ug/L	5.0U	200	157	78	70-130	
Benzene	ug/L	0.10U	20	19.9	99	70-130	
Bromochloromethane	ug/L	0.50U	20	20.5	103	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

MATRIX SPIKE SAMPLE: 1068217

Parameter	Units	35164825003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	19.9	99	70-130	
Bromoform	ug/L	0.50U	20	17.5	87	70-130	
Bromomethane	ug/L	0.50U	20	12.5	62	70-130	J(M1)
Carbon disulfide	ug/L	5.0U	20	22.4	111	70-130	
Carbon tetrachloride	ug/L	0.50U	20	22.3	111	70-130	
Chlorobenzene	ug/L	0.50U	20	19.2	96	70-130	
Chloroethane	ug/L	0.50U	20	21.8	109	70-130	
Chloroform	ug/L	0.50U	20	20.6	103	70-130	
Chloromethane	ug/L	0.62U	20	6.7	34	70-130	J(M0)
cis-1,2-Dichloroethene	ug/L	0.50U	20	19.5	98	70-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	18.8	94	70-130	
Dibromochloromethane	ug/L	0.26U	20	18.2	91	70-130	
Dibromomethane	ug/L	0.50U	20	19.1	95	70-130	
Ethylbenzene	ug/L	0.50U	20	19.4	97	70-130	
Iodomethane	ug/L	0.50U	40	10.1	25	70-130	J(M0)
Methylene Chloride	ug/L	2.5U	20	19.7	97	70-130	
Styrene	ug/L	0.50U	20	18.2	91	70-130	
Tetrachloroethene	ug/L	0.50U	20	19.3	96	70-130	
Toluene	ug/L	0.50U	20	18.9	95	70-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	21.3	107	70-130	
trans-1,3-Dichloropropene	ug/L	0.25U	20	17.2	86	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	12.6	63	70-130	J(M1)
Trichloroethene	ug/L	0.50U	20	20.8	104	70-130	
Trichlorofluoromethane	ug/L	0.50U	20	26.0	130	70-130	
Vinyl acetate	ug/L	1.0U	20	16.5	82	70-130	
Vinyl chloride	ug/L	0.50U	20	21.1	105	70-130	
Xylene (Total)	ug/L	0.50U	60	57.4	96	70-130	
1,2-Dichloroethane-d4 (S)	%				106	86-125	
4-Bromofluorobenzene (S)	%				97	70-114	
Toluene-d8 (S)	%				102	87-113	

SAMPLE DUPLICATE: 1068216

Parameter	Units	35164825002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

SAMPLE DUPLICATE: 1068216

Parameter	Units	35164825002 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)	%	105	99	6	40	
4-Bromofluorobenzene (S)	%	95	96	1	40	
Toluene-d8 (S)	%	105	102	3	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: OEXT/19790 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1063739 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/22/14 04:26	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/22/14 04:26	

LABORATORY CONTROL SAMPLE: 1063740

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.35	141	60-140	J(L0)
1,2-Dibromoethane (EDB)	ug/L	.25	0.35	140	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063741 1063742

Parameter	Units	35164379001 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	.44	.44	0.67	0.64	154	147	60-140	4	40	J(M0)
1,2-Dibromoethane (EDB)	ug/L	<0.0068	.44	.44	0.62	0.63	142	144	60-140	2	40	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WET/27990 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007

METHOD BLANK: 1066213 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/25/14 04:04	

LABORATORY CONTROL SAMPLE: 1066214

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

SAMPLE DUPLICATE: 1066215

Parameter	Units	35165046001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	10100	9960	1	20	

SAMPLE DUPLICATE: 1066216

Parameter	Units	35165047001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	23200	21600	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WET/27991 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1066217 Matrix: Water
Associated Lab Samples: 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/25/14 04:10	

LABORATORY CONTROL SAMPLE: 1066218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 1066361

Parameter	Units	35164842003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1210	1170	3	20	

SAMPLE DUPLICATE: 1066362

Parameter	Units	35164842004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	866	832	4	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WETA/41523 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1066538 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/25/14 20:45	
Sulfate	mg/L	2.5U	5.0	11/25/14 20:45	

LABORATORY CONTROL SAMPLE: 1066539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.8	102	90-110	
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066540 1066541

Parameter	Units	35164825002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	27.5	50	50	81.1	81.0	107	107	90-110	0	20	
Sulfate	mg/L	2.5U	50	50	48.8	48.5	95	94	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066542 1066543

Parameter	Units	35164825011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	66.8	50	50	121	122	109	110	90-110	0	20	L
Sulfate	mg/L	32.3	50	50	85.5	85.8	106	107	90-110	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WETA/41456 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825007, 35164825008

METHOD BLANK: 1063917 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825007, 35164825008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020 I	0.050	11/21/14 14:59	

LABORATORY CONTROL SAMPLE: 1063918

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.1	108	90-110	

MATRIX SPIKE SAMPLE: 1063920

Parameter	Units	35164492003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	4.7	1	5.7	101	90-110	

SAMPLE DUPLICATE: 1063919

Parameter	Units	35164492003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	4.7	4.6	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WETA/41457 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35164825009, 35164825010, 35164825011

METHOD BLANK: 1063922 Matrix: Water
Associated Lab Samples: 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/21/14 16:03	

LABORATORY CONTROL SAMPLE: 1063923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.1	108	90-110	

MATRIX SPIKE SAMPLE: 1063925

Parameter	Units	35164825009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.26	1	1.3	105	90-110	

SAMPLE DUPLICATE: 1063924

Parameter	Units	35164825009 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.26	0.26	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WETA/41491 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35164825006

METHOD BLANK: 1065443 Matrix: Water
Associated Lab Samples: 35164825006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/24/14 12:07	

LABORATORY CONTROL SAMPLE: 1065444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.97	97	90-110	

MATRIX SPIKE SAMPLE: 1065446

Parameter	Units	35164962001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	0.96	96	90-110	

SAMPLE DUPLICATE: 1065445

Parameter	Units	35164962001 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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

QC Batch: WETA/41440 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

METHOD BLANK: 1063442 Matrix: Water
Associated Lab Samples: 35164825001, 35164825002, 35164825003, 35164825004, 35164825005, 35164825006, 35164825007, 35164825008, 35164825009, 35164825010, 35164825011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/21/14 08:35	

SAMPLE DUPLICATE: 1063444

Parameter	Units	35164723003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1063446

Parameter	Units	35164825007 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.091	0.094	3		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi-Annual
Pace Project No.: 35164825

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.

PQL - Practical Quantitation 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(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(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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164825002	**B41-2**		FLD/		
35164825003	**B41-2 Dup**		FLD/		
35164825004	**B1-B**		FLD/		
35164825005	**B42-1**		FLD/		
35164825006	**B42-2**		FLD/		
35164825007	**B60**		FLD/		
35164825008	**B-2**		FLD/		
35164825009	**B33-1**		FLD/		
35164825010	**B33-2**		FLD/		
35164825011	**B32**		FLD/		
35164825001	**EQ Blank 11/20/14**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825002	**B41-2**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825003	**B41-2 Dup**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825004	**B1-B**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825005	**B42-1**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825006	**B42-2**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825007	**B60**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825008	**B-2**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825009	**B33-1**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825010	**B33-2**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825011	**B32**	EPA 8011	OEXT/19790	EPA 8011	GCSV/13007
35164825001	**EQ Blank 11/20/14**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825002	**B41-2**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825003	**B41-2 Dup**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825004	**B1-B**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825005	**B42-1**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825006	**B42-2**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825007	**B60**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825008	**B-2**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825009	**B33-1**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825010	**B33-2**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825011	**B32**	EPA 3010	MPRP/21617	EPA 6010	ICP/13236
35164825001	**EQ Blank 11/20/14**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825002	**B41-2**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825003	**B41-2 Dup**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825004	**B1-B**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825005	**B42-1**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825006	**B42-2**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825007	**B60**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825008	**B-2**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825009	**B33-1**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825010	**B33-2**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825011	**B32**	EPA 3010	MPRP/21618	EPA 6020	ICPM/8843
35164825001	**EQ Blank 11/20/14**	EPA 7470	MERP/5143	EPA 7470	MERC/5136
35164825002	**B41-2**	EPA 7470	MERP/5143	EPA 7470	MERC/5136
35164825003	**B41-2 Dup**	EPA 7470	MERP/5143	EPA 7470	MERC/5136
35164825004	**B1-B**	EPA 7470	MERP/5143	EPA 7470	MERC/5136

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164825005	**B42-1**	EPA 7470	MERP/5143	EPA 7470	MERC/5136
35164825006	**B42-2**	EPA 7470	MERP/5148	EPA 7470	MERC/5141
35164825007	**B60**	EPA 7470	MERP/5148	EPA 7470	MERC/5141
35164825008	**B-2**	EPA 7470	MERP/5148	EPA 7470	MERC/5141
35164825009	**B33-1**	EPA 7470	MERP/5148	EPA 7470	MERC/5141
35164825010	**B33-2**	EPA 7470	MERP/5148	EPA 7470	MERC/5141
35164825011	**B32**	EPA 7470	MERP/5148	EPA 7470	MERC/5141
35164825001	**EQ Blank 11/20/14**	EPA 8260	MSV/13368		
35164825002	**B41-2**	EPA 8260	MSV/13368		
35164825003	**B41-2 Dup**	EPA 8260	MSV/13368		
35164825004	**B1-B**	EPA 8260	MSV/13368		
35164825005	**B42-1**	EPA 8260	MSV/13368		
35164825006	**B42-2**	EPA 8260	MSV/13368		
35164825007	**B60**	EPA 8260	MSV/13368		
35164825008	**B-2**	EPA 8260	MSV/13368		
35164825009	**B33-1**	EPA 8260	MSV/13368		
35164825010	**B33-2**	EPA 8260	MSV/13368		
35164825011	**B32**	EPA 8260	MSV/13368		
35164825012	**Trip Blank 11/20/14**	EPA 8260	MSV/13368		
35164825001	**EQ Blank 11/20/14**	SM 2540C	WET/27990		
35164825002	**B41-2**	SM 2540C	WET/27990		
35164825003	**B41-2 Dup**	SM 2540C	WET/27990		
35164825004	**B1-B**	SM 2540C	WET/27990		
35164825005	**B42-1**	SM 2540C	WET/27990		
35164825006	**B42-2**	SM 2540C	WET/27990		
35164825007	**B60**	SM 2540C	WET/27990		
35164825008	**B-2**	SM 2540C	WET/27991		
35164825009	**B33-1**	SM 2540C	WET/27991		
35164825010	**B33-2**	SM 2540C	WET/27991		
35164825011	**B32**	SM 2540C	WET/27991		
35164825001	**EQ Blank 11/20/14**	EPA 300.0	WETA/41523		
35164825002	**B41-2**	EPA 300.0	WETA/41523		
35164825003	**B41-2 Dup**	EPA 300.0	WETA/41523		
35164825004	**B1-B**	EPA 300.0	WETA/41523		
35164825005	**B42-1**	EPA 300.0	WETA/41523		
35164825006	**B42-2**	EPA 300.0	WETA/41523		
35164825007	**B60**	EPA 300.0	WETA/41523		
35164825008	**B-2**	EPA 300.0	WETA/41523		
35164825009	**B33-1**	EPA 300.0	WETA/41523		
35164825010	**B33-2**	EPA 300.0	WETA/41523		
35164825011	**B32**	EPA 300.0	WETA/41523		
35164825001	**EQ Blank 11/20/14**	EPA 350.1	WETA/41456		
35164825002	**B41-2**	EPA 350.1	WETA/41456		
35164825003	**B41-2 Dup**	EPA 350.1	WETA/41456		
35164825004	**B1-B**	EPA 350.1	WETA/41456		
35164825005	**B42-1**	EPA 350.1	WETA/41456		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35164825

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35164825006	**B42-2**	EPA 350.1	WETA/41491		
35164825007	**B60**	EPA 350.1	WETA/41456		
35164825008	**B-2**	EPA 350.1	WETA/41456		
35164825009	**B33-1**	EPA 350.1	WETA/41457		
35164825010	**B33-2**	EPA 350.1	WETA/41457		
35164825011	**B32**	EPA 350.1	WETA/41457		
35164825001	**EQ Blank 11/20/14**	EPA 353.2	WETA/41440		
35164825002	**B41-2**	EPA 353.2	WETA/41440		
35164825003	**B41-2 Dup**	EPA 353.2	WETA/41440		
35164825004	**B1-B**	EPA 353.2	WETA/41440		
35164825005	**B42-1**	EPA 353.2	WETA/41440		
35164825006	**B42-2**	EPA 353.2	WETA/41440		
35164825007	**B60**	EPA 353.2	WETA/41440		
35164825008	**B-2**	EPA 353.2	WETA/41440		
35164825009	**B33-1**	EPA 353.2	WETA/41440		
35164825010	**B33-2**	EPA 353.2	WETA/41440		
35164825011	**B32**	EPA 353.2	WETA/41440		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical
www.pacelabs.com

WO# : 35164825

35164825

Page: 1 of 1

1867139

Section A
Required Client Information:

Company:	VOLUSIA COUNTY SOLID WASTE
Address:	1990 TOMOKA FARMS
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	MS JENNIFER STIRK
Copy To:	
Purchase Order No.:	
Project Name:	TOMOKA SEMI-ANNUAL
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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: TDS, Nitrate, Cl, Sulfate	6010 6020 Metals	Nitrogen, NH3	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	FD					11-20-14	9:00		8	3	1	1	3					Y	Y	Y	Y	Y		
2	B 41-2						9:34																	
3	DUPLICATE						~~9:40~~																	
4	B1B						1046																	
5	B 42-1						1132																	
6	B 42-2						1200																	
7	B 60						1322																	
8	B 2						1358																	
9	B 33-1						1443																	
10	B 33-2						1504																	
11	B 32						1607																	
12	TRIP BLANK						0000		2															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	PACE	11-20-14	1650		11-20-14	1650

SAMPLE CONDITIONS			
Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
2.6 T187	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: DAVID ICE MARK C. LOBERT / PACE

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11-20-14

*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 LANDFILL SEMI ANNUAL		
WELL NO: O	SAMPLE ID: EO	DATE: 11-20-14	

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: P

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT: 9:00
DAVID ICE, MARK CILBERT/ARC			
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	1000	ICE			TDS NITRATE Cl SULFATE	PP	200-400
	1	PE	250	HNO_3		<2	6010 6020		
	1	PE	250	H_2SO_4		<2	NITROGEN, NH3		
	2	CG	40	ICE			BOD ENB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste | SITE LOCATION: Tomoka Land Fill Static Annual
WELL NO: 5 of 7 | SAMPLE ID: B41-2 Duplicate | DATE: 11-20-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/4 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.46 | 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 – 5.46 feet) X 0.16 gallons/foot = 1.5104 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: 0912 | PURGING ENDED AT: 0924 | 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)
0920	1.60	1.60	0.20	5.58	6.29	19.84	576	0.37	1.28	Yellow	Sulfur
0922	0.40	2.00	0.20	5.58	6.32	19.86	577	0.37	0.83	1	1
0924	0.40	2.40	0.20	5.58	6.33	19.84	577	0.37	0.72	1	1

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: David ICE | SAMPLER(S) SIGNATURE(S): [signature] | SAMPLING INITIATED AT: 0924 | SAMPLING ENDED AT: 0934

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 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	PL	1000	ICE		6.33	TDS, Nitrate, Cl, Sulfate	PP	< 400
	1		250	HNO3		< 2	6010 6020		
	1		250	H2SO4		< 2	Nitrate, NH3		
	3	CG	40	ICE		6.33	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS: ORP -143.8 ORP -149.4 ORP -154.9

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 Landfill Sami Avenue		
WELL NO: 2	SAMPLE ID: B1B	DATE: 11-20-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 8.12	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) = (35.89 feet – 8.12 feet) X 0.16 gallons/foot = 4.4432 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: 0955	PURGING ENDED AT: 1041	TOTAL VOLUME PURGED (gallons): 9.4

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)
1017	4.60	4.60	0.20	8.18	6.09	21.97	585	0.33	3.52	Yellow	Sulfur
1023	1.20	5.86	0.20	8.18	6.09	22.02	6.09	0.35	1.75		
1029	1.20	7.00	0.20	8.18	6.14	22.06	7.20	0.35	1.06		
1035	1.20	8.20	0.20	8.18	6.15	22.06	7.45	0.33	0.88		
1041	1.20	9.46	0.20	8.18	6.15	22.01	7.50	0.32	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: DAVID DE / MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1041	SAMPLING ENDED AT: 1046
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					
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		6.15	TDS, NITRATE, Cl, SULFATE	PP	400
	1	1	250	HNO_3		<2	6010 6020		
	1		250	H_2SO_4		<2	Nitrogen, NH_3		
	2	CG	40	ICE		6.15	8011 EDB		
	3	CG	40	HCl		<2	8260 VOC		

REMARKS: ORP = 55.5 ORP = -64.8 ORP = -115.6 ORP = -135.7 ORP 141.2
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 Landfill Semi Annual | DATE: 11-20-14
WELL NO: 3 | SAMPLE ID: B42-1

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 1/2 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 7.49 | PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: (only fill out if applicable) 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
= (31.64 feet − 7.49 feet) x 0.16 gallons/foot = 3.864 gallons

EQUIPMENT VOLUME PURGE: (only fill out if applicable) 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
= 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: 11.02 | PURGING ENDED AT: 1132 | TOTAL VOLUME PURGED (gallons): 6.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1122	4.00	4.00	0.20	9.46	5.56	21.99	776	0.31	0.94	Yellow	Sulfur
1127	1.00	5.00	0.20	9.40	5.55	21.96	781	0.29	0.76	L	L
1132	1.00	6.00	0.20	9.51	5.55	21.96	781	0.29	0.49		

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: David Ice, Mark C. Libert/Pace | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1132 | SAMPLING ENDED AT: 1137
PUMP OR TUBING DEPTH IN WELL (feet): 12 | TUBING MATERIAL CODE: PE-S | FIELD-FILTERED: Y (N) | FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N) TUBING Y N (replaced) | Filtration Equipment Type: | DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION: SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: 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	AG	1000	ICE		5.55	TDS, NITRATE, Cl, SULFATE	PP	≤ 400
	1	↓	250	HNO3		< 2	6010 6020		
	1	↓	250	H2SO4		< 2	NITROGEN, NH3		
	2	CG	40	ICE		5.55	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS: ORP −114.7 ORP −120.3 ORP −122.1
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 Landfill Semi Annual	
WELL NO: 4	SAMPLE ID: B42-2		DATE: 11-20-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.68	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 – 4.60 feet) X 0.16 gallons/foot = 1.648 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: 1141	PURGING ENDED AT: 1156	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)
1150	1.80	1.80	0.20	5.00	5.93	2100	280	0.31	6.34	Yellow	SULFUR
1153	0.60	2.40	0.20	5.45	5.90	2101	281	0.29	6.96	1	1
1156	0.60	3.00	0.20	5.45	5.90	2102	282	0.29	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./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: David Ice, Mark Colbert/ARS	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1200
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					
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		5.90	TDS, N, NITRATE, Cl, SULFATE	PP	< 400
	1	↓	250	HNO_3		< 2	6010 6020	↓	↓
	1	↓	250	H_2SO_4		< 2	N, TKN, NH_3	↓	↓
	2	CG	40	ICE		5.90	8011 EDB	↓	↓
	3	CG	40	HCl		< 2	8260 VOC	↓	↓

REMARKS:
ORP -78.6 ORP -72.7 ORP -69.4

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 LANDFILL SEMI ANNUAL		
WELL NO: 5	SAMPLE ID: B60	DATE: 11-20-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.05	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) = (35.25 feet – 7.05 feet) X 0.16 gallons/foot = 4.592 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):	PURGING INITIATED AT: 1243	PURGING ENDED AT: 1318	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)
1306	4.60	4.60	0.20	7.04	6.43	23.19	498	0.27	2.89	Yellow	Sulfur
1312	1.20	5.80	0.20	7.33	6.43	23.04	500	0.31	2.40	1	1
1318	1.20	7.00	0.20	7.25	6.42	23.10	501	0.34	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: DAVID ICE, MWH G.LABORATORY	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1318	SAMPLING ENDED AT: 1322
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE, S	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING (Y) N (replaced)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION					
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	1	PE	1000	ICE		6.42	TDS, NITRATE, Cl, SULFATE	PP	< 400
	1	L	250	HNO_3		< 2	6010 6020		
	1		250	H_2SO_4		< 2	N, TROGEN, NH_3		
	2	CG	40	ICE		6.40	8011 EDB		
	3	CG	40	HCl		< 2	8260 VOC		

REMARKS:
ORP -51.3 ORP -74.7 ORP -84.0

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)
SAMPLING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

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

Form FD 9000-24

GROUNDWATER SAMPLING LOG

SITE NAME: Volusia County Solid Waste	SITE LOCATION: Tomoka LANDFILL Semi Annual		
WELL NO: 6	SAMPLE ID: B2	DATE: 11-20-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 6.55	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (21.30 feet – 6.55 feet) X 0.16 gallons/foot = 2.36 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10	PURGING INITIATED AT: 1342	PURGING ENDED AT: 1353	TOTAL VOLUME PURGED (gallons): 3.456

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)
1349	2.625	2.625	0.375	8.25	5.50	25.41	1009	0.27	6.28	Yellow	SULFUR
1351	0.75	2.700	0.375	8.30	5.57	25.42	1010	0.30	8.76	↓	↓
1353	0.75	3.450	0.375	8.80	5.37	25.21	1013	0.27	10.98	↓	↓

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: DAVID ICE, MARK GILBERT, PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1353	SAMPLING ENDED AT: 1358
PUMP OR TUBING DEPTH IN WELL (feet): 10	TUBING MATERIAL CODE: PE	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		5.51	TDS, NITRATE, Cl, SULFATE	ESP	< 400
	1		250	HNO_3		<2	6010 6020		
	1		250	H_2SO_4		<2	NITROGEN, NH_3		
	2	CG	40	ICE		5.51	8011 EDB		
	3	CG	40	HCl		<2	8260 VOC		

REMARKS:
ORP -149.4 ORP -150.4 ORP -155.2

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 Landfill Semi Annual
WELL NO: 7	SAMPLE ID: B33-1
	DATE: 11-20-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 7.54	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (39.49 feet – 7.54 feet) x 0.16 gallons/foot = 5.112 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 11	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 11	PURGING INITIATED AT: 1409	PURGING ENDED AT: 1426	TOTAL VOLUME PURGED (gallons): 8.5

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)
1420	5.50	6.50	0.50	9.68	6.02	23.80	611	0.21	18.39	YELLOW	SULFUR
1423	1.50	7.00	0.50	9.71	6.03	23.82	603	0.22	8.75	↓	↓
1426	1.50	8.50	0.50	10.74	6.04	23.80	607	0.23	2.43	↓	↓

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: DAVID ICE, MARK GILBERT PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1426	SAMPLING ENDED AT: 1431
PUMP OR TUBING DEPTH IN WELL (feet): 11	TUBING MATERIAL CODE: PE	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		6.04	TDS, NITRATE, Cl, SULFATE	ESP	< 400
	1	PE	250	HNO_3		< 2	6010 6020		
	1	PE	250	H_2SO_4		< 2	NITROGEN, NH_3		
	2	CG	40	ICE		6.04	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS:
ORP -135.2 ORP -141.9 ORP -147.3

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 Landfill Semi Annual		
WELL NO: 8	SAMPLE ID: B 33.2	DATE: 11-20-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 5.20	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable) = (17.52 feet – 5.20 feet) X 0.16 gallons/foot = 1.9712 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):	PURGING INITIATED AT: 1435	PURGING ENDED AT: 1459	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)
1451	2.00	2.00	0.125	7.91	6.45	23.06	977	0.36	4.77	Yellow	Sulfur
1455	0.50	2.50	0.125	7.96	6.47	23.23	987	0.37	3.80	"	"
1459	0.50	3.00	0.125	8.00	6.47	23.21	990	0.38	3.52	"	"

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: DAVID ICE, MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1459	SAMPLING ENDED AT: 1504
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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		6.47	TDS, NITRATE, Cl, SULFATE	ESP	< 400
	1	"	250	HNO_3		< 2	6010 6020	"	"
	1	"	250	H_2SO_4		< 2	NITROGEN, NH_3	"	"
	2	CG	40	ICE		6.47	8011 EDB	"	"
	3	CG	40	HCl		< 2	8260 VOC	"	"

REMARKS:
ORP -91.1 ORP -87.2 ORP -84.8

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 Landfill Semi Annual		
WELL NO: 9	SAMPLE ID: B32	DATE: 11-20-14	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 4.10	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (31.28 feet − 4.10 feet) X 0.16 gallons/foot = 4.3488 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: 1515	PURGING ENDED AT: 1602	TOTAL VOLUME PURGED (gallons): 23.50

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)
1524	4.50	4.50	0.50	5.80	6.48	23.58	608	0.39	230	Yellow	Sulfur
1627	1.50	6.00	0.50	5.82	6.44	23.57	609	6.30	150		
1630	1.50	7.50	0.50	5.83	6.44	23.62	611	0.27	127		
1656	13.0	20.50	0.50	6.14	6.45	23.53	620	1.15	12.4		
1559	1.50	22.00	0.50	6.13	6.45	23.58	6.23	0.18	9.86		
1602	1.50	23.50	0.50	6.12	6.45	23.58	6.25	0.19	6.25		

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

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: DAVID ICE, MARK GILBERT/PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1602	SAMPLING ENDED AT: 1607
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	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		6.45	TDS, Nitrate, Cl, Sulfate	ESP	< 400
	1		250	HNO3		< 2	6010, 6020		
	1		250	H2SO4		< 2	N, TKN, NH3		
	2	CG	40	ICE		6.45	8011 EDB		
	3	CG	40	HCL		< 2	8260 VOC		

REMARKS:
ORP -107.2 ORP -112.3 ORP 116.7 ORP -123.0 ORP -138.0 ORP 148.1

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

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

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

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR) Table Number:_____

Client Name: Volusia County SDW WASH Project #: 35164825

Cooler: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other_____

Trading #: _____

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

Date and Initials of person examining contents: 11-20-14 DJ 1650

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

Thermometer Used: T187 Type of Ice: (Wet) Blue None

Cooler Temperature °C: 1.6 / 0.4 (Visual) 0 / 0 (Correction Factor) 1.6 / 0.4 (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 ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volumé	☐
Coect Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in conance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID: _____

Pduction Code: _____

De/Time Opened: _____

Nmber 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

December 03, 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.: 35165033

Dear Ms. Stirk:
Enclosed are the analytical results for sample(s) received by the laboratory on November 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, 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.: 35165033

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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35165033001	**EQ Blank 11/21/14**	Water	11/21/14 09:10	11/21/14 16:15
35165033002	**B-5**	Water	11/21/14 09:50	11/21/14 16:15
35165033003	**B-5 Dup**	Water	11/21/14 09:50	11/21/14 16:15
35165033004	**B36**	Water	11/21/14 11:01	11/21/14 16:15
35165033005	**B37-2**	Water	11/21/14 11:55	11/21/14 16:15
35165033006	**B37-1**	Water	11/21/14 12:20	11/21/14 16:15
35165033007	**B64**	Water	11/21/14 13:15	11/21/14 16:15
35165033008	**B38-1**	Water	11/21/14 13:58	11/21/14 16:15
35165033009	**B38-2**	Water	11/21/14 14:23	11/21/14 16:15
35165033010	**B39**	Water	11/21/14 15:07	11/21/14 16:15
35165033011	**Trip Blank 11/21/14**	Water	11/21/14 00:00	11/21/14 16:15

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35165033001	**EQ Blank 11/21/14**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033002	**B-5**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033003	**B-5 Dup**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033004	**B36**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC, KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033005	**B37-2**	EPA 8011	AYF	2	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033006	**B37-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC, KHC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033008	**B38-1**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033009	**B38-2**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033010	**B39**	EPA 8011	AYF	2	PASI-O
		EPA 6010	TAP	15	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	CRT	2	PASI-O
		EPA 7470	CKJ	1	PASI-O
		EPA 8260	SK	48	PASI-O
		SM 2540C	WMW	1	PASI-O
		EPA 300.0	ADC	2	PASI-O
		EPA 350.1	BIP	1	PASI-O
		EPA 353.2	ADC	1	PASI-O
35165033011	**Trip Blank 11/21/14**	EPA 8260	SK	50	PASI-O

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35165033

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35165033002	**B-5**					
	Field pH	6.28	Std. Units		11/21/14 09:50	
	Field Temperature	24.12	deg C		11/21/14 09:50	
	Appearance	Color: Yellow, Sheen: none			11/21/14 09:50	
	Field Specific Conductance	745	umhos/cm		11/21/14 09:50	
	Oxygen, Dissolved	0.48	mg/L		11/21/14 09:50	
	REDOX	-97.0	mV		11/21/14 09:50	
	Turbidity	1.40	NTU		11/21/14 09:50	
	Water Level(NGVD)	28.39	feet		11/21/14 09:50	
EPA 6010	Barium	96.0	ug/L	10.0	11/24/14 20:20	
EPA 6010	Iron	16600	ug/L	40.0	11/24/14 20:20	
EPA 6010	Sodium	32.5	mg/L	1.0	11/24/14 20:20	
SM 2540C	Total Dissolved Solids	491	mg/L	5.0	11/27/14 15:40	
EPA 300.0	Chloride	26.0	mg/L	5.0	11/26/14 21:22	
EPA 350.1	Nitrogen, Ammonia	0.44	mg/L	0.050	11/25/14 14:10	
35165033003	**B-5 Dup**					
	Field pH	6.28	Std. Units		11/21/14 09:50	
	Field Temperature	24.12	deg C		11/21/14 09:50	
	Appearance	Color: Yellow, Sheen:none			11/21/14 09:50	
	Field Specific Conductance	745	umhos/cm		11/21/14 09:50	
	Oxygen, Dissolved	0.48	mg/L		11/21/14 09:50	
	REDOX	-97.0	mV		11/21/14 09:50	
	Turbidity	1.40	NTU		11/21/14 09:50	
	Water Level(NGVD)	28.39	feet		11/21/14 09:50	
EPA 6010	Barium	94.2	ug/L	10.0	11/24/14 20:24	
EPA 6010	Iron	15900	ug/L	40.0	11/24/14 20:24	
EPA 6010	Sodium	31.3	mg/L	1.0	11/24/14 20:24	
SM 2540C	Total Dissolved Solids	509	mg/L	5.0	11/27/14 15:40	
EPA 300.0	Chloride	26.5	mg/L	5.0	11/26/14 21:43	
EPA 350.1	Nitrogen, Ammonia	0.49	mg/L	0.050	11/25/14 14:16	
35165033004	**B36**					
	Field pH	6.15	Std. Units		11/21/14 11:01	
	Field Temperature	23.90	deg C		11/21/14 11:01	
	Appearance	Color: Yellow, Sheen: none			11/21/14 11:01	
	Field Specific Conductance	1692	umhos/cm		11/21/14 11:01	
	Oxygen, Dissolved	0.32	mg/L		11/21/14 11:01	
	REDOX	-122.7	mV		11/21/14 11:01	
	Turbidity	6.19	NTU		11/21/14 11:01	
	Water Level(NGVD)	27.77	feet		11/21/14 11:01	
EPA 6010	Barium	121	ug/L	10.0	11/24/14 20:29	
EPA 6010	Chromium	6.2	ug/L	5.0	11/24/14 20:29	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35165033

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35165033004	**B36**					
EPA 6010	Iron	6610	ug/L	40.0	11/24/14 20:29	
EPA 6010	Nickel	4.2 I	ug/L	5.0	11/24/14 20:29	
EPA 6010	Sodium	120	mg/L	1.0	11/24/14 20:29	
EPA 8260	Benzene	2.2	ug/L	1.0	12/01/14 15:08	
EPA 8260	Chlorobenzene	2.8	ug/L	1.0	12/01/14 15:08	
EPA 8260	1,1-Dichloroethane	1.2	ug/L	1.0	12/01/14 15:08	
EPA 8260	Xylene (Total)	1.3	ug/L	1.0	12/01/14 15:08	
SM 2540C	Total Dissolved Solids	1300	mg/L	10.0	11/27/14 15:40	
EPA 300.0	Chloride	224	mg/L	25.0	11/26/14 22:05	
EPA 350.1	Nitrogen, Ammonia	0.23	mg/L	0.050	11/25/14 14:18	
35165033005	**B37-2**					
	Field pH	5.90	Std. Units		11/21/14 11:55	
	Field Temperature	23.41	deg C		11/21/14 11:55	
	Appearance	Color: Yellow, Sheen: none			11/21/14 11:55	
	Field Specific Conductance	480	umhos/cm		11/21/14 11:55	
	Oxygen, Dissolved	0.21	mg/L		11/21/14 11:55	
	REDOX	-112.4	mV		11/21/14 11:55	
	Turbidity	6.36	NTU		11/21/14 11:55	
	Water Level(NGVD)	27.36	feet		11/21/14 11:55	
EPA 6010	Barium	30.8	ug/L	10.0	11/24/14 20:33	
EPA 6010	Iron	13900	ug/L	40.0	11/24/14 20:33	
EPA 6010	Sodium	34.0	mg/L	1.0	11/24/14 20:33	
EPA 8260	Chlorobenzene	0.76 I	ug/L	1.0	12/01/14 15:32	
SM 2540C	Total Dissolved Solids	331	mg/L	5.0	11/27/14 15:41	
EPA 300.0	Chloride	42.8	mg/L	5.0	11/26/14 22:26	
EPA 350.1	Nitrogen, Ammonia	0.31	mg/L	0.050	11/25/14 14:20	
35165033006	**B37-1**					
	Field pH	6.15	Std. Units		11/21/14 12:20	
	Field Temperature	23.44	deg C		11/21/14 12:20	
	Appearance	Color: Yellow, Sheen: none			11/21/14 12:20	
	Field Specific Conductance	2376	umhos/cm		11/21/14 12:20	
	Oxygen, Dissolved	0.25	mg/L		11/21/14 12:20	
	REDOX	-176.6	mV		11/21/14 12:20	
	Turbidity	1.55	NTU		11/21/14 12:20	
	Water Level(NGVD)	27.33	feet		11/21/14 12:20	
EPA 6010	Barium	251	ug/L	10.0	11/24/14 20:37	
EPA 6010	Copper	3.0 I	ug/L	5.0	11/24/14 20:37	
EPA 6010	Iron	37400	ug/L	40.0	11/24/14 20:37	
EPA 6010	Silver	3.0 I	ug/L	5.0	11/24/14 20:37	
EPA 6010	Sodium	267	mg/L	1.0	11/24/14 20:37	
EPA 8260	Benzene	11.3	ug/L	1.0	12/01/14 15:57	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35165033

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35165033006	**B37-1**					
EPA 8260	Chlorobenzene	11.1	ug/L	1.0	12/01/14 15:57	
EPA 8260	1,4-Dichlorobenzene	0.89 I	ug/L	1.0	12/01/14 15:57	
EPA 8260	Toluene	0.53 I	ug/L	1.0	12/01/14 15:57	
EPA 8260	Xylene (Total)	3.3	ug/L	1.0	12/01/14 15:57	
SM 2540C	Total Dissolved Solids	1420	mg/L	10.0	11/27/14 15:41	
EPA 300.0	Chloride	189	mg/L	25.0	11/26/14 22:48	
EPA 350.1	Nitrogen, Ammonia	0.49	mg/L	0.050	11/25/14 14:22	
35165033008	**B38-1**					
	Field pH	5.13	Std. Units		11/21/14 13:58	
	Field Temperature	22.45	deg C		11/21/14 13:58	
	Appearance	Color: none, Sheen: none			11/21/14 13:58	
	Field Specific Conductance	314	umhos/cm		11/21/14 13:58	
	Oxygen, Dissolved	0.28	mg/L		11/21/14 13:58	
	REDOX	-90.1	mV		11/21/14 13:58	
	Turbidity	1.62	NTU		11/21/14 13:58	
	Water Level(NGVD)	24.69	feet		11/21/14 13:58	
EPA 6010	Barium	98.1	ug/L	10.0	11/24/14 20:54	
EPA 6010	Iron	21200	ug/L	40.0	11/24/14 20:54	J(M1)
EPA 6010	Sodium	28.5	mg/L	1.0	11/24/14 20:54	
SM 2540C	Total Dissolved Solids	214	mg/L	5.0	11/27/14 15:41	
EPA 300.0	Chloride	61.5	mg/L	5.0	11/26/14 23:30	J(M1)
EPA 300.0	Sulfate	20.3	mg/L	5.0	11/26/14 23:30	
EPA 350.1	Nitrogen, Ammonia	0.058	mg/L	0.050	11/25/14 14:26	
35165033009	**B38-2**					
	Field pH	5.65	Std. Units		11/21/14 14:23	
	Field Temperature	21.90	deg C		11/21/14 14:23	
	Appearance	Color: Yellow, Sheen: none			11/21/14 14:23	
	Field Specific Conductance	539	umhos/cm		11/21/14 14:23	
	Oxygen, Dissolved	0.37	mg/L		11/21/14 14:23	
	REDOX	-120.4	mV		11/21/14 14:23	
	Turbidity	1.97	NTU		11/21/14 14:23	
	Water Level(NGVD)	26.77	feet		11/21/14 14:23	
EPA 6010	Barium	30.3	ug/L	10.0	11/24/14 21:20	
EPA 6010	Iron	9090	ug/L	40.0	11/24/14 21:20	
EPA 6010	Sodium	40.3	mg/L	1.0	11/24/14 21:20	
SM 2540C	Total Dissolved Solids	422	mg/L	5.0	11/27/14 15:41	
EPA 300.0	Chloride	59.2	mg/L	5.0	11/27/14 00:35	
EPA 350.1	Nitrogen, Ammonia	0.99	mg/L	0.050	11/25/14 14:28	
35165033010	**B39**					
	Field pH	4.62	Std. Units		11/21/14 15:07	
	Field Temperature	23.89	deg C		11/21/14 15:07	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SUMMARY OF DETECTION

Project: Tomoka Semi-annual LF
Pace Project No.: 35165033

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35165033010	**B39**					
	Appearance	Color: Yellow, Sheen: none			11/21/14 15:07	
	Field Specific Conductance	218	umhos/cm		11/21/14 15:07	
	Oxygen, Dissolved	0.46	mg/L		11/21/14 15:07	
	REDOX	-94.1	mV		11/21/14 15:07	
	Turbidity	3.27	NTU		11/21/14 15:07	
	Water Level(NGVD)	23.59	feet		11/21/14 15:07	
EPA 6010	Arsenic	26.2	ug/L	10.0	11/24/14 21:36	
EPA 6010	Barium	31.5	ug/L	10.0	11/24/14 21:36	
EPA 6010	Chromium	10.4	ug/L	5.0	11/24/14 21:36	
EPA 6010	Iron	14700	ug/L	40.0	11/24/14 21:36	
EPA 6010	Sodium	22.3	mg/L	1.0	11/24/14 21:36	
EPA 6010	Vanadium	33.7	ug/L	10.0	11/24/14 21:36	
SM 2540C	Total Dissolved Solids	190	mg/L	5.0	11/27/14 15:41	
EPA 300.0	Chloride	37.5	mg/L	5.0	11/27/14 00:56	
EPA 300.0	Sulfate	9.2	mg/L	5.0	11/27/14 00:56	
EPA 350.1	Nitrogen, Ammonia	1.3	mg/L	0.050	11/25/14 14:30	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: EQ Blank 11/21/14 **Lab ID: 35165033001** Collected: 11/21/14 09:10 Received: 11/21/14 16:15 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	**0.0054U**	ug/L	0.022	0.0054	1	11/25/14 13:30	11/26/14 05:24	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/25/14 13:30	11/26/14 05:24	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:03	7440-38-2	
Barium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:03	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:03	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:03	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:03	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:03	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:03	7440-50-8	
Iron	**20.0U**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:03	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:03	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:03	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:03	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:03	7440-22-4	
Sodium	**0.50U**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:03	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:03	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 20:03	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:00	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:00	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 11:57	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 11:29	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 11:29	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 11:29	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 11:29	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 11:29	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 11:29	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 11:29	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 11:29	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: EQ Blank 11/21/14 **Lab ID: 35165033001** Collected: 11/21/14 09:10 Received: 11/21/14 16:15 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		12/01/14 11:29	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 11:29	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 11:29	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 11:29	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 11:29	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 11:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 11:29	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 11:29	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 11:29	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 11:29	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 11:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-114		1		12/01/14 11:29	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	86-125		1		12/01/14 11:29	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		12/01/14 11:29	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**5.0U**	mg/L	5.0	5.0	1		11/27/14 15:39		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**2.5U**	mg/L	5.0	2.5	1		11/26/14 16:13	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/26/14 16:13	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.020U**	mg/L	0.050	0.020	1		11/25/14 14:08	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/22/14 12:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B-5 **Lab ID: 35165033002** Collected: 11/21/14 09:50 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.28**	Std. Units			1		11/21/14 09:50		
Field Temperature	**24.12**	deg C			1		11/21/14 09:50		
Appearance	**Color: Yellow, Sheen: none**				1		11/21/14 09:50		
Field Specific Conductance	**745**	umhos/cm			1		11/21/14 09:50		
Oxygen, Dissolved	**0.48**	mg/L			1		11/21/14 09:50	7782-44-7	
REDOX	**-97.0**	mV			1		11/21/14 09:50		
Turbidity	**1.40**	NTU			1		11/21/14 09:50		
Water Level(NGVD)	**28.39**	feet			1		11/21/14 09:50		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0055U**	ug/L	0.023	0.0055	1	11/25/14 13:30	11/26/14 05:39	96-12-8	
1,2-Dibromoethane (EDB)	**0.0070U**	ug/L	0.011	0.0070	1	11/25/14 13:30	11/26/14 05:39	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:20	7440-38-2	
Barium	**96.0**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:20	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:20	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:20	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:20	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:20	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:20	7440-50-8	
Iron	**16600**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:20	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:20	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:20	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:20	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:20	7440-22-4	
Sodium	**32.5**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:20	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:20	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 20:20	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:02	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:02	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 11:59	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 13:55	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:55	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 13:55	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 13:55	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B-5 **Lab ID: 35165033002** Collected: 11/21/14 09:50 Received: 11/21/14 16:15 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		12/01/14 13:55	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:55	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:55	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 13:55	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 13:55	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:55	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 13:55	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 13:55	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:55	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 13:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:55	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 13:55	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 13:55	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 13:55	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-114		1		12/01/14 13:55	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	86-125		1		12/01/14 13:55	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		12/01/14 13:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B-5 **Lab ID: 35165033002** Collected: 11/21/14 09:50 Received: 11/21/14 16:15 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		11/27/14 15:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**26.0**	mg/L	5.0	2.5	1		11/26/14 21:22	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/26/14 21:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.44**	mg/L	0.050	0.020	1		11/25/14 14:10	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.12U**	mg/L	0.25	0.12	5		11/22/14 13:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B-5 Dup **Lab ID: 35165033003** Collected: 11/21/14 09:50 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.28**	Std. Units			1		11/21/14 09:50		
Field Temperature	**24.12**	deg C			1		11/21/14 09:50		
Appearance	**Color: Yellow, Sheen:none**				1		11/21/14 09:50		
Field Specific Conductance	**745**	umhos/cm			1		11/21/14 09:50		
Oxygen, Dissolved	**0.48**	mg/L			1		11/21/14 09:50	7782-44-7	
REDOX	**-97.0**	mV			1		11/21/14 09:50		
Turbidity	**1.40**	NTU			1		11/21/14 09:50		
Water Level(NGVD)	**28.39**	feet			1		11/21/14 09:50		
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	11/25/14 13:30	11/26/14 05:54	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/25/14 13:30	11/26/14 05:54	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:24	7440-38-2	
Barium	**94.2**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:24	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:24	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:24	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:24	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:24	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:24	7440-50-8	
Iron	**15900**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:24	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:24	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:24	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:24	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:24	7440-22-4	
Sodium	**31.3**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:24	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:24	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 20:24	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:03	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:03	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 12:02	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 14:44	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 14:44	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 14:44	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 14:44	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B-5 Dup **Lab ID: 35165033003** Collected: 11/21/14 09:50 Received: 11/21/14 16:15 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		12/01/14 14:44	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 14:44	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 14:44	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 14:44	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 14:44	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 14:44	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 14:44	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 14:44	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 14:44	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 14:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 14:44	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 14:44	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 14:44	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 14:44	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 14:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-114		1		12/01/14 14:44	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	86-125		1		12/01/14 14:44	17060-07-0	
Toluene-d8 (S)	107	%	87-113		1		12/01/14 14:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B-5 Dup **Lab ID: 35165033003** Collected: 11/21/14 09:50 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**509**	mg/L	5.0	5.0	1		11/27/14 15:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**26.5**	mg/L	5.0	2.5	1		11/26/14 21:43	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/26/14 21:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.49**	mg/L	0.050	0.020	1		11/25/14 14:16	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.12U**	mg/L	0.25	0.12	5		11/22/14 13:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B36 **Lab ID: 35165033004** Collected: 11/21/14 11:01 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.15**	Std. Units			1		11/21/14 11:01		
Field Temperature	**23.90**	deg C			1		11/21/14 11:01		
Appearance	**Color: Yellow, Sheen: none**				1		11/21/14 11:01		
Field Specific Conductance	**1692**	umhos/cm			1		11/21/14 11:01		
Oxygen, Dissolved	**0.32**	mg/L			1		11/21/14 11:01	7782-44-7	
REDOX	**-122.7**	mV			1		11/21/14 11:01		
Turbidity	**6.19**	NTU			1		11/21/14 11:01		
Water Level(NGVD)	**27.77**	feet			1		11/21/14 11:01		
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	11/25/14 13:30	11/26/14 06:09	96-12-8	
1,2-Dibromoethane (EDB)	**0.0070U**	ug/L	0.011	0.0070	1	11/25/14 13:30	11/26/14 06:09	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:29	7440-38-2	
Barium	**121**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:29	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:29	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:29	7440-43-9	
Chromium	**6.2**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:29	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:29	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:29	7440-50-8	
Iron	**6610**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:29	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:29	7439-92-1	
Nickel	**4.2 I**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:29	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:29	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:29	7440-22-4	
Sodium	**120**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:29	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:29	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 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	11/23/14 18:50	11/24/14 21:05	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:05	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 12:04	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 15:08	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:08	107-13-1	
Benzene	**2.2**	ug/L	1.0	0.10	1		12/01/14 15:08	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 15:08	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B36 **Lab ID: 35165033004** Collected: 11/21/14 11:01 Received: 11/21/14 16:15 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		12/01/14 15:08	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:08	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:08	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	56-23-5	
Chlorobenzene	**2.8**	ug/L	1.0	0.50	1		12/01/14 15:08	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 15:08	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 15:08	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:08	110-57-6	
1,1-Dichloroethane	**1.2**	ug/L	1.0	0.50	1		12/01/14 15:08	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 15:08	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 15:08	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:08	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 15:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:08	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 15:08	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 15:08	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 15:08	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:08	75-01-4	
Xylene (Total)	**1.3**	ug/L	1.0	0.50	1		12/01/14 15:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-114		1		12/01/14 15:08	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	86-125		1		12/01/14 15:08	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		12/01/14 15:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B36 **Lab ID: 35165033004** Collected: 11/21/14 11:01 Received: 11/21/14 16:15 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		11/27/14 15:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**224**	mg/L	25.0	12.5	5		11/26/14 22:05	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/29/14 23:05	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.23**	mg/L	0.050	0.020	1		11/25/14 14:18	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/22/14 12:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B37-2 **Lab ID: 35165033005** Collected: 11/21/14 11:55 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.90**	Std. Units			1		11/21/14 11:55		
Field Temperature	**23.41**	deg C			1		11/21/14 11:55		
Appearance	**Color: Yellow, Sheen: none**				1		11/21/14 11:55		
Field Specific Conductance	**480**	umhos/cm			1		11/21/14 11:55		
Oxygen, Dissolved	**0.21**	mg/L			1		11/21/14 11:55	7782-44-7	
REDOX	**-112.4**	mV			1		11/21/14 11:55		
Turbidity	**6.36**	NTU			1		11/21/14 11:55		
Water Level(NGVD)	**27.36**	feet			1		11/21/14 11:55		
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	11/25/14 13:30	11/26/14 06:24	96-12-8	
1,2-Dibromoethane (EDB)	**0.0070U**	ug/L	0.011	0.0070	1	11/25/14 13:30	11/26/14 06:24	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:33	7440-38-2	
Barium	**30.8**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:33	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:33	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:33	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:33	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:33	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:33	7440-50-8	
Iron	**13900**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:33	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:33	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:33	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:33	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:33	7440-22-4	
Sodium	**34.0**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:33	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:33	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 20:33	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:06	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:06	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 12:06	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 15:32	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:32	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 15:32	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 15:32	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B37-2 **Lab ID: 35165033005** Collected: 11/21/14 11:55 Received: 11/21/14 16:15 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		12/01/14 15:32	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:32	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:32	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	56-23-5	
Chlorobenzene	**0.76 I**	ug/L	1.0	0.50	1		12/01/14 15:32	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 15:32	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 15:32	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:32	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 15:32	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 15:32	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:32	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 15:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:32	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 15:32	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 15:32	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 15:32	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-114		1		12/01/14 15:32	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	86-125		1		12/01/14 15:32	17060-07-0	
Toluene-d8 (S)	104	%	87-113		1		12/01/14 15:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B37-2 **Lab ID: 35165033005** Collected: 11/21/14 11:55 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**331**	mg/L	5.0	5.0	1		11/27/14 15:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**42.8**	mg/L	5.0	2.5	1		11/26/14 22:26	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/26/14 22:26	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.31**	mg/L	0.050	0.020	1		11/25/14 14:20	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/22/14 12:32		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B37-1 **Lab ID: 35165033006** Collected: 11/21/14 12:20 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**6.15**	Std. Units			1		11/21/14 12:20		
Field Temperature	**23.44**	deg C			1		11/21/14 12:20		
Appearance	**Color: Yellow, Sheen: none**				1		11/21/14 12:20		
Field Specific Conductance	**2376**	umhos/cm			1		11/21/14 12:20		
Oxygen, Dissolved	**0.25**	mg/L			1		11/21/14 12:20	7782-44-7	
REDOX	**-176.6**	mV			1		11/21/14 12:20		
Turbidity	**1.55**	NTU			1		11/21/14 12:20		
Water Level(NGVD)	**27.33**	feet			1		11/21/14 12:20		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	11/25/14 13:30	11/26/14 06:55	96-12-8	
1,2-Dibromoethane (EDB)	**0.0068U**	ug/L	0.011	0.0068	1	11/25/14 13:30	11/26/14 06:55	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:37	7440-38-2	
Barium	**251**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:37	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:37	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:37	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:37	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:37	7440-48-4	
Copper	**3.0 I**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:37	7440-50-8	
Iron	**37400**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:37	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:37	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:37	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:37	7782-49-2	
Silver	**3.0 I**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:37	7440-22-4	
Sodium	**267**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:37	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:37	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 20:37	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:08	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:08	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 12:08	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 15:57	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:57	107-13-1	
Benzene	**11.3**	ug/L	1.0	0.10	1		12/01/14 15:57	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 15:57	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B37-1 **Lab ID: 35165033006** Collected: 11/21/14 12:20 Received: 11/21/14 16:15 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		12/01/14 15:57	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:57	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:57	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	56-23-5	
Chlorobenzene	**11.1**	ug/L	1.0	0.50	1		12/01/14 15:57	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 15:57	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 15:57	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	95-50-1	
1,4-Dichlorobenzene	**0.89 I**	ug/L	1.0	0.50	1		12/01/14 15:57	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:57	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 15:57	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 15:57	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:57	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 15:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 15:57	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 15:57	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	127-18-4	
Toluene	**0.53 I**	ug/L	1.0	0.50	1		12/01/14 15:57	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 15:57	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 15:57	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 15:57	75-01-4	
Xylene (Total)	**3.3**	ug/L	1.0	0.50	1		12/01/14 15:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-114		1		12/01/14 15:57	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	86-125		1		12/01/14 15:57	17060-07-0	
Toluene-d8 (S)	102	%	87-113		1		12/01/14 15:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B37-1 **Lab ID: 35165033006** Collected: 11/21/14 12:20 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**1420**	mg/L	10.0	10.0	1		11/27/14 15:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**189**	mg/L	25.0	12.5	5		11/26/14 22:48	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/30/14 00:11	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.49**	mg/L	0.050	0.020	1		11/25/14 14:22	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.25U**	mg/L	0.50	0.25	10		11/22/14 13:13		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B38-1 **Lab ID: 35165033008** Collected: 11/21/14 13:58 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.13**	Std. Units			1		11/21/14 13:58		
Field Temperature	**22.45**	deg C			1		11/21/14 13:58		
Appearance	**Color: none, Sheen: none**				1		11/21/14 13:58		
Field Specific Conductance	**314**	umhos/cm			1		11/21/14 13:58		
Oxygen, Dissolved	**0.28**	mg/L			1		11/21/14 13:58	7782-44-7	
REDOX	**-90.1**	mV			1		11/21/14 13:58		
Turbidity	**1.62**	NTU			1		11/21/14 13:58		
Water Level(NGVD)	**24.69**	feet			1		11/21/14 13:58		
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	11/25/14 13:30	11/26/14 07:10	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/25/14 13:30	11/26/14 07:10	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:54	7440-38-2	
Barium	**98.1**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:54	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:54	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:54	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:54	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:54	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:54	7440-50-8	
Iron	**21200**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 20:54	7439-89-6	J(M1)
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:54	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:54	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 20:54	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 20:54	7440-22-4	
Sodium	**28.5**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 20:54	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 20:54	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 20:54	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/26/14 06:16	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/26/14 06:16	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 12:10	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 16:21	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:21	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 16:21	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 16:21	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B38-1 **Lab ID: 35165033008** Collected: 11/21/14 13:58 Received: 11/21/14 16:15 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		12/01/14 16:21	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:21	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:21	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 16:21	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 16:21	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:21	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 16:21	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 16:21	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:21	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 16:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:21	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 16:21	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 16:21	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 16:21	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		12/01/14 16:21	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	86-125		1		12/01/14 16:21	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		12/01/14 16:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B38-1 **Lab ID: 35165033008** Collected: 11/21/14 13:58 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**214**	mg/L	5.0	5.0	1		11/27/14 15:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**61.5**	mg/L	5.0	2.5	1		11/26/14 23:30	16887-00-6	J(M1)
Sulfate	**20.3**	mg/L	5.0	2.5	1		11/26/14 23:30	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.058**	mg/L	0.050	0.020	1		11/25/14 14:26	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/22/14 12:36		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B38-2 **Lab ID: 35165033009** Collected: 11/21/14 14:23 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**5.65**	Std. Units			1		11/21/14 14:23		
Field Temperature	**21.90**	deg C			1		11/21/14 14:23		
Appearance	**Color: Yellow, Sheen: none**				1		11/21/14 14:23		
Field Specific Conductance	**539**	umhos/cm			1		11/21/14 14:23		
Oxygen, Dissolved	**0.37**	mg/L			1		11/21/14 14:23	7782-44-7	
REDOX	**-120.4**	mV			1		11/21/14 14:23		
Turbidity	**1.97**	NTU			1		11/21/14 14:23		
Water Level(NGVD)	**26.77**	feet			1		11/21/14 14:23		
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	11/25/14 13:30	11/26/14 07:25	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	11/25/14 13:30	11/26/14 07:25	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:20	7440-38-2	
Barium	**30.3**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:20	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:20	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:20	7440-43-9	
Chromium	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:20	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:20	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:20	7440-50-8	
Iron	**9090**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 21:20	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:20	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:20	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 21:20	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:20	7440-22-4	
Sodium	**40.3**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:20	7440-23-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:20	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 21:20	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/26/14 06:29	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/26/14 06:29	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 12:12	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 16:45	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:45	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 16:45	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 16:45	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B38-2 **Lab ID: 35165033009** Collected: 11/21/14 14:23 Received: 11/21/14 16:15 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		12/01/14 16:45	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:45	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:45	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 16:45	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 16:45	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:45	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 16:45	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 16:45	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:45	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 16:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 16:45	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 16:45	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 16:45	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 16:45	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 16:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-114		1		12/01/14 16:45	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	86-125		1		12/01/14 16:45	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		12/01/14 16:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B38-2 **Lab ID: 35165033009** Collected: 11/21/14 14:23 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**422**	mg/L	5.0	5.0	1		11/27/14 15:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**59.2**	mg/L	5.0	2.5	1		11/27/14 00:35	16887-00-6	
Sulfate	**2.5U**	mg/L	5.0	2.5	1		11/27/14 00:35	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**0.99**	mg/L	0.050	0.020	1		11/25/14 14:28	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/22/14 12:37		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B39 **Lab ID: 35165033010** Collected: 11/21/14 15:07 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	**4.62**	Std. Units			1		11/21/14 15:07		
Field Temperature	**23.89**	deg C			1		11/21/14 15:07		
Appearance	**Color: Yellow, Sheen: none**				1		11/21/14 15:07		
Field Specific Conductance	**218**	umhos/cm			1		11/21/14 15:07		
Oxygen, Dissolved	**0.46**	mg/L			1		11/21/14 15:07	7782-44-7	
REDOX	**-94.1**	mV			1		11/21/14 15:07		
Turbidity	**3.27**	NTU			1		11/21/14 15:07		
Water Level(NGVD)	**23.59**	feet			1		11/21/14 15:07		
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0053U**	ug/L	0.021	0.0053	1	11/25/14 13:30	11/26/14 07:40	96-12-8	
1,2-Dibromoethane (EDB)	**0.0067U**	ug/L	0.011	0.0067	1	11/25/14 13:30	11/26/14 07:40	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**26.2**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:36	7440-38-2	
Barium	**31.5**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:36	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:36	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:36	7440-43-9	
Chromium	**10.4**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:36	7440-47-3	
Cobalt	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:36	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:36	7440-50-8	
Iron	**14700**	ug/L	40.0	20.0	1	11/23/14 18:50	11/24/14 21:36	7439-89-6	
Lead	**5.0U**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:36	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:36	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	11/23/14 18:50	11/24/14 21:36	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	11/23/14 18:50	11/24/14 21:36	7440-22-4	
Sodium	**22.3**	mg/L	1.0	0.50	1	11/23/14 18:50	11/24/14 21:36	7440-23-5	
Vanadium	**33.7**	ug/L	10.0	5.0	1	11/23/14 18:50	11/24/14 21:36	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	11/23/14 18:50	11/24/14 21:36	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/26/14 06:38	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	11/23/14 18:50	11/26/14 06:38	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	12/02/14 10:10	12/03/14 13:43	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**10.0U**	ug/L	20.0	10.0	1		12/01/14 17:10	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 17:10	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 17:10	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 17:10	75-27-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B39 **Lab ID: 35165033010** Collected: 11/21/14 15:07 Received: 11/21/14 16:15 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		12/01/14 17:10	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 17:10	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 17:10	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 17:10	74-87-3	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 17:10	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 17:10	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 17:10	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 17:10	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 17:10	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 17:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 17:10	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 17:10	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 17:10	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 17:10	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	75-01-4	
Xylene (Total)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 17:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-114		1		12/01/14 17:10	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	86-125		1		12/01/14 17:10	17060-07-0	
Toluene-d8 (S)	103	%	87-113		1		12/01/14 17:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: B39 **Lab ID: 35165033010** Collected: 11/21/14 15:07 Received: 11/21/14 16:15 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	**190**	mg/L	5.0	5.0	1		11/27/14 15:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**37.5**	mg/L	5.0	2.5	1		11/27/14 00:56	16887-00-6	
Sulfate	**9.2**	mg/L	5.0	2.5	1		11/27/14 00:56	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**1.3**	mg/L	0.050	0.020	1		11/25/14 14:30	7664-41-7	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
Nitrogen, Nitrate	**0.025U**	mg/L	0.050	0.025	1		11/22/14 12:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: Trip Blank 11/21/14 **Lab ID: 35165033011** Collected: 11/21/14 00:00 Received: 11/21/14 16:15 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		12/01/14 13:31	67-64-1	
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:31	107-13-1	
Benzene	**0.10U**	ug/L	1.0	0.10	1		12/01/14 13:31	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		12/01/14 13:31	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:31	78-93-3	
Carbon disulfide	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:31	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	75-00-3	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		12/01/14 13:31	74-87-3	
1,2-Dibromo-3-chloropropane	**1.0U**	ug/L	2.0	1.0	1		12/01/14 13:31	96-12-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		12/01/14 13:31	124-48-1	
1,2-Dibromoethane (EDB)	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	106-93-4	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	74-95-3	
1,2-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	95-50-1	
1,4-Dichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	106-46-7	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:31	110-57-6	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	75-35-4	
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	78-87-5	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 13:31	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		12/01/14 13:31	10061-02-6	
Ethylbenzene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	100-41-4	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:31	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	74-88-4	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		12/01/14 13:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		12/01/14 13:31	108-10-1	
Styrene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	630-20-6	
1,1,2,2-Tetrachloroethane	**0.12U**	ug/L	0.50	0.12	1		12/01/14 13:31	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	127-18-4	
Toluene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	108-88-3	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	75-69-4	
1,2,3-Trichloropropane	**0.59U**	ug/L	1.0	0.59	1		12/01/14 13:31	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		12/01/14 13:31	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		12/01/14 13:31	75-01-4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Sample: Trip Blank 11/21/14 **Lab ID: 35165033011** Collected: 11/21/14 00:00 Received: 11/21/14 16:15 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		12/01/14 13:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-114		1		12/01/14 13:31	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	86-125		1		12/01/14 13:31	17060-07-0	
Toluene-d8 (S)	108	%	87-113		1		12/01/14 13:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MERP/5152 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009

METHOD BLANK: 1070275 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	12/02/14 17:21	

LABORATORY CONTROL SAMPLE: 1070276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1070277 1070278

Parameter	Units	35164843005 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	2.0	2.4	100	119	75-125	17	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MERP/5153
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 35165033010

METHOD BLANK: 1070279 Matrix: Water
Associated Lab Samples: 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	12/03/14 12:36	

LABORATORY CONTROL SAMPLE: 1070280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.8	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1070281 1070282

Parameter	Units	35164703001 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	98	100	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MPRP/21638 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006

METHOD BLANK: 1065202 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/24/14 18:11	
Barium	ug/L	5.0U	10.0	11/24/14 18:11	
Beryllium	ug/L	0.50U	1.0	11/24/14 18:11	
Cadmium	ug/L	0.50U	1.0	11/24/14 18:11	
Chromium	ug/L	2.5U	5.0	11/24/14 18:11	
Cobalt	ug/L	5.0U	10.0	11/24/14 18:11	
Copper	ug/L	2.5U	5.0	11/24/14 18:11	
Iron	ug/L	20.0U	40.0	11/24/14 18:11	
Lead	ug/L	5.0U	10.0	11/24/14 18:11	
Nickel	ug/L	2.5U	5.0	11/24/14 18:11	
Selenium	ug/L	7.5U	15.0	11/24/14 18:11	
Silver	ug/L	2.5U	5.0	11/24/14 18:11	
Sodium	mg/L	0.50U	1.0	11/24/14 18:11	
Vanadium	ug/L	5.0U	10.0	11/24/14 18:11	
Zinc	ug/L	10.0U	20.0	11/24/14 18:11	

LABORATORY CONTROL SAMPLE: 1065203

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	236	94	80-120	
Barium	ug/L	250	245	98	80-120	
Beryllium	ug/L	25	25.6	102	80-120	
Cadmium	ug/L	25	25.2	101	80-120	
Chromium	ug/L	250	247	99	80-120	
Cobalt	ug/L	250	249	100	80-120	
Copper	ug/L	250	236	95	80-120	
Iron	ug/L	2500	2440	97	80-120	
Lead	ug/L	250	256	102	80-120	
Nickel	ug/L	250	254	102	80-120	
Selenium	ug/L	250	243	97	80-120	
Silver	ug/L	25	23.1	92	80-120	
Sodium	mg/L	12.5	13.0	104	80-120	
Vanadium	ug/L	250	248	99	80-120	
Zinc	ug/L	1250	1240	99	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065204 1065205

Parameter	Units	35164842002 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	246	245	98	98	75-125	1	20	
Barium	ug/L	137	250	250	387	385	100	99	75-125	0	20	
Beryllium	ug/L	<0.50	25	25	25.3	24.8	101	99	75-125	2	20	
Cadmium	ug/L	<0.50	25	25	24.2	24.1	97	97	75-125	0	20	
Chromium	ug/L	6.1	250	250	250	248	97	97	75-125	1	20	
Cobalt	ug/L	<5.0	250	250	247	246	99	99	75-125	0	20	
Copper	ug/L	<2.5	250	250	250	249	100	99	75-125	1	20	
Iron	ug/L	642	2500	2500	3020	2990	95	94	75-125	1	20	
Lead	ug/L	<5.0	250	250	246	245	98	98	75-125	0	20	
Nickel	ug/L	4.0 I	250	250	252	250	99	99	75-125	1	20	
Selenium	ug/L	<7.5	250	250	249	245	100	98	75-125	2	20	
Silver	ug/L	<2.5	25	25	24.8	24.6	99	98	75-125	1	20	
Sodium	mg/L	53.2	12.5	12.5	67.1	65.9	112	102	75-125	2	20	
Vanadium	ug/L	<5.0	250	250	253	250	101	99	75-125	1	20	
Zinc	ug/L	<10.0	1250	1250	1260	1250	101	100	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MPRP/21640 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35165033008, 35165033009, 35165033010

METHOD BLANK: 1065210 Matrix: Water
Associated Lab Samples: 35165033008, 35165033009, 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/24/14 20:46	
Barium	ug/L	5.0U	10.0	11/24/14 20:46	
Beryllium	ug/L	0.50U	1.0	11/24/14 20:46	
Cadmium	ug/L	0.50U	1.0	11/24/14 20:46	
Chromium	ug/L	2.5U	5.0	11/24/14 20:46	
Cobalt	ug/L	5.0U	10.0	11/24/14 20:46	
Copper	ug/L	2.5U	5.0	11/24/14 20:46	
Iron	ug/L	20.0U	40.0	11/24/14 20:46	
Lead	ug/L	5.0U	10.0	11/24/14 20:46	
Nickel	ug/L	2.5U	5.0	11/24/14 20:46	
Selenium	ug/L	7.5U	15.0	11/24/14 20:46	
Silver	ug/L	2.5U	5.0	11/24/14 20:46	
Sodium	mg/L	0.50U	1.0	11/24/14 20:46	
Vanadium	ug/L	5.0U	10.0	11/24/14 20:46	
Zinc	ug/L	10.0U	20.0	11/24/14 20:46	

LABORATORY CONTROL SAMPLE: 1065211

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	229	92	80-120	
Barium	ug/L	250	240	96	80-120	
Beryllium	ug/L	25	24.5	98	80-120	
Cadmium	ug/L	25	24.5	98	80-120	
Chromium	ug/L	250	241	96	80-120	
Cobalt	ug/L	250	246	98	80-120	
Copper	ug/L	250	229	92	80-120	
Iron	ug/L	2500	2340	94	80-120	
Lead	ug/L	250	246	98	80-120	
Nickel	ug/L	250	246	98	80-120	
Selenium	ug/L	250	232	93	80-120	
Silver	ug/L	25	22.9	92	80-120	
Sodium	mg/L	12.5	12.8	102	80-120	
Vanadium	ug/L	250	234	94	80-120	
Zinc	ug/L	1250	1180	94	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065212 1065213

Parameter	Units	35165033008 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	237	235	94	93	75-125	1	20	
Barium	ug/L	98.1	250	250	344	342	98	98	75-125	1	20	
Beryllium	ug/L	0.50U	25	25	25.1	24.8	99	98	75-125	1	20	
Cadmium	ug/L	0.50U	25	25	24.7	24.4	99	98	75-125	1	20	
Chromium	ug/L	2.5U	250	250	245	242	97	96	75-125	2	20	
Cobalt	ug/L	5.0U	250	250	250	249	100	99	75-125	0	20	
Copper	ug/L	2.5U	250	250	236	231	94	92	75-125	2	20	
Iron	ug/L	21200	2500	2500	23000	23200	70	78	75-125	1	20	J(M1)
Lead	ug/L	5.0U	250	250	249	247	100	99	75-125	1	20	
Nickel	ug/L	2.5U	250	250	251	248	100	99	75-125	1	20	
Selenium	ug/L	7.5U	250	250	236	231	94	92	75-125	2	20	
Silver	ug/L	2.5U	25	25	24.8	24.5	92	91	75-125	1	20	
Sodium	mg/L	28.5	12.5	12.5	40.6	40.7	97	98	75-125	0	20	
Vanadium	ug/L	5.0U	250	250	244	237	97	94	75-125	3	20	
Zinc	ug/L	10.0U	1250	1250	1220	1200	97	96	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MPRP/21639 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006

METHOD BLANK: 1065206 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/24/14 20:17	
Thallium	ug/L	0.50U	1.0	11/24/14 20:17	

LABORATORY CONTROL SAMPLE: 1065207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	49.6	99	80-120	
Thallium	ug/L	50	48.7	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065208 1065209

Parameter	Units	35164842003 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	47.6	47.7	95	95	75-125	0	20	
Thallium	ug/L	<0.50	50	50	49.8	49.9	100	100	75-125	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MPRP/21641 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 35165033008, 35165033009, 35165033010

METHOD BLANK: 1065214 Matrix: Water
Associated Lab Samples: 35165033008, 35165033009, 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/26/14 06:10	
Thallium	ug/L	0.50U	1.0	11/26/14 06:10	

LABORATORY CONTROL SAMPLE: 1065215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.4	95	80-120	
Thallium	ug/L	50	51.4	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065216 1065217

Parameter	Units	35165033009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	ug/L	0.50U	50	50	47.7	48.3	95	97	75-125	1	20	
Thallium	ug/L	0.50U	50	50	52.0	52.4	104	105	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: MSV/13410 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010, 35165033011

METHOD BLANK: 1069260 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010, 35165033011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	12/01/14 11:05	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	12/01/14 11:05	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	12/01/14 11:05	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	12/01/14 11:05	
1,1-Dichloroethane	ug/L	0.50U	1.0	12/01/14 11:05	
1,1-Dichloroethene	ug/L	0.50U	1.0	12/01/14 11:05	
1,2,3-Trichloropropane	ug/L	0.59U	1.0	12/01/14 11:05	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	12/01/14 11:05	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	12/01/14 11:05	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	12/01/14 11:05	
1,2-Dichloroethane	ug/L	0.50U	1.0	12/01/14 11:05	
1,2-Dichloropropane	ug/L	0.50U	1.0	12/01/14 11:05	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	12/01/14 11:05	
2-Butanone (MEK)	ug/L	5.0U	10.0	12/01/14 11:05	
2-Hexanone	ug/L	5.0U	10.0	12/01/14 11:05	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	12/01/14 11:05	
Acetone	ug/L	10.0U	20.0	12/01/14 11:05	
Acrylonitrile	ug/L	5.0U	10.0	12/01/14 11:05	
Benzene	ug/L	0.10U	1.0	12/01/14 11:05	
Bromochloromethane	ug/L	0.50U	1.0	12/01/14 11:05	
Bromodichloromethane	ug/L	0.27U	0.60	12/01/14 11:05	
Bromoform	ug/L	0.50U	1.0	12/01/14 11:05	
Bromomethane	ug/L	0.50U	1.0	12/01/14 11:05	
Carbon disulfide	ug/L	5.0U	10.0	12/01/14 11:05	
Carbon tetrachloride	ug/L	0.50U	1.0	12/01/14 11:05	
Chlorobenzene	ug/L	0.50U	1.0	12/01/14 11:05	
Chloroethane	ug/L	0.50U	1.0	12/01/14 11:05	
Chloroform	ug/L	0.50U	1.0	12/01/14 11:05	
Chloromethane	ug/L	0.62U	1.0	12/01/14 11:05	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	12/01/14 11:05	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	12/01/14 11:05	
Dibromochloromethane	ug/L	0.26U	0.50	12/01/14 11:05	
Dibromomethane	ug/L	0.50U	1.0	12/01/14 11:05	
Ethylbenzene	ug/L	0.50U	1.0	12/01/14 11:05	
Iodomethane	ug/L	0.50U	1.0	12/01/14 11:05	
Methylene Chloride	ug/L	2.5U	5.0	12/01/14 11:05	
Styrene	ug/L	0.50U	1.0	12/01/14 11:05	
Tetrachloroethene	ug/L	0.50U	1.0	12/01/14 11:05	
Toluene	ug/L	0.50U	1.0	12/01/14 11:05	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	12/01/14 11:05	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

METHOD BLANK: 1069260 Matrix: Water

Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010, 35165033011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	12/01/14 11:05	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	12/01/14 11:05	
Trichloroethene	ug/L	0.50U	1.0	12/01/14 11:05	
Trichlorofluoromethane	ug/L	0.50U	1.0	12/01/14 11:05	
Vinyl acetate	ug/L	1.0U	2.0	12/01/14 11:05	
Vinyl chloride	ug/L	0.50U	1.0	12/01/14 11:05	
Xylene (Total)	ug/L	0.50U	1.0	12/01/14 11:05	
1,2-Dichloroethane-d4 (S)	%	112	86-125	12/01/14 11:05	
4-Bromofluorobenzene (S)	%	101	70-114	12/01/14 11:05	
Toluene-d8 (S)	%	104	87-113	12/01/14 11:05	

LABORATORY CONTROL SAMPLE: 1069261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.3	106	70-130	
1,1,1-Trichloroethane	ug/L	20	20.4	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.3	87	70-130	
1,1,2-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1-Dichloroethane	ug/L	20	19.1	95	70-130	
1,1-Dichloroethene	ug/L	20	18.9	94	70-130	
1,2,3-Trichloropropane	ug/L	20	17.6	88	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.4	87	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.3	102	70-130	
1,2-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,2-Dichloroethane	ug/L	20	21.0	105	70-130	
1,2-Dichloropropane	ug/L	20	18.1	91	70-130	
1,4-Dichlorobenzene	ug/L	20	20.4	102	70-130	
2-Butanone (MEK)	ug/L	40	29.2	73	55-167	
2-Hexanone	ug/L	40	27.8	70	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	31.1	78	70-130	
Acetone	ug/L	40	33.1	83	40-150	
Acrylonitrile	ug/L	200	144	72	70-130	
Benzene	ug/L	20	18.1	90	70-130	
Bromochloromethane	ug/L	20	20.7	103	70-130	
Bromodichloromethane	ug/L	20	21.1	105	70-130	
Bromoform	ug/L	20	20.4	102	68-130	
Bromomethane	ug/L	20	25.1	125	38-179	
Carbon disulfide	ug/L	20	17.4	87	51-155	
Carbon tetrachloride	ug/L	20	21.3	106	70-130	
Chlorobenzene	ug/L	20	20.6	103	70-130	
Chloroethane	ug/L	20	17.7	88	59-149	
Chloroform	ug/L	20	20.5	103	70-130	
Chloromethane	ug/L	20	20.5	102	68-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

LABORATORY CONTROL SAMPLE: 1069261

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	20	19.5	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.3	101	70-130	
Dibromochloromethane	ug/L	20	19.4	97	70-130	
Dibromomethane	ug/L	20	21.6	108	70-130	
Ethylbenzene	ug/L	20	20.1	101	70-130	
Iodomethane	ug/L	40	34.5	86	43-160	
Methylene Chloride	ug/L	20	18.9	94	70-130	
Styrene	ug/L	20	19.9	99	70-130	
Tetrachloroethene	ug/L	20	20.7	103	66-133	
Toluene	ug/L	20	19.5	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.1	96	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	19.0	95	65-130	
Trichloroethene	ug/L	20	20.2	101	70-130	
Trichlorofluoromethane	ug/L	20	20.4	102	70-131	
Vinyl acetate	ug/L	20	17.8	89	69-135	
Vinyl chloride	ug/L	20	18.4	92	69-140	
Xylene (Total)	ug/L	60	61.5	103	70-130	
1,2-Dichloroethane-d4 (S)	%			102	86-125	
4-Bromofluorobenzene (S)	%			105	70-114	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE SAMPLE: 1071792

Parameter	Units	35165033003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	18.6	93	70-130	
1,1,1-Trichloroethane	ug/L	0.50U	20	21.0	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	15.4	77	70-130	
1,1,2-Trichloroethane	ug/L	0.50U	20	17.4	87	70-130	
1,1-Dichloroethane	ug/L	0.50U	20	18.1	91	70-130	
1,1-Dichloroethene	ug/L	0.50U	20	19.1	96	70-130	
1,2,3-Trichloropropane	ug/L	0.59U	20	16.6	83	70-130	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	17.0	85	70-130	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	18.2	91	70-130	
1,2-Dichlorobenzene	ug/L	0.50U	20	17.7	89	70-130	
1,2-Dichloroethane	ug/L	0.50U	20	19.3	97	70-130	
1,2-Dichloropropane	ug/L	0.50U	20	16.1	81	70-130	
1,4-Dichlorobenzene	ug/L	0.50U	20	17.8	89	70-130	
2-Butanone (MEK)	ug/L	5.0U	40	30.6	76	70-130	
2-Hexanone	ug/L	5.0U	40	30.9	77	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	40	35.5	89	70-130	
Acetone	ug/L	10.0U	40	41.2	97	70-130	
Acrylonitrile	ug/L	5.0U	200	169	84	70-130	
Benzene	ug/L	0.10U	20	17.4	87	70-130	
Bromochloromethane	ug/L	0.50U	20	19.7	98	70-130	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

MATRIX SPIKE SAMPLE: 1071792

Parameter	Units	35165033003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	0.27U	20	19.0	95	70-130	
Bromoform	ug/L	0.50U	20	17.9	90	70-130	
Bromomethane	ug/L	0.50U	20	16.5	82	70-130	
Carbon disulfide	ug/L	5.0U	20	21.3	107	70-130	
Carbon tetrachloride	ug/L	0.50U	20	21.8	109	70-130	
Chlorobenzene	ug/L	0.50U	20	17.9	88	70-130	
Chloroethane	ug/L	0.50U	20	17.9	89	70-130	
Chloroform	ug/L	0.50U	20	19.2	96	70-130	
Chloromethane	ug/L	0.62U	20	14.8	74	70-130	
cis-1,2-Dichloroethene	ug/L	0.50U	20	17.8	89	70-130	
cis-1,3-Dichloropropene	ug/L	0.25U	20	18.8	94	70-130	
Dibromochloromethane	ug/L	0.26U	20	17.5	87	70-130	
Dibromomethane	ug/L	0.50U	20	19.4	97	70-130	
Ethylbenzene	ug/L	0.50U	20	18.1	90	70-130	
Iodomethane	ug/L	0.50U	40	37.0	92	70-130	
Methylene Chloride	ug/L	2.5U	20	18.3	91	70-130	
Styrene	ug/L	0.50U	20	17.6	88	70-130	
Tetrachloroethene	ug/L	0.50U	20	19.6	98	70-130	
Toluene	ug/L	0.50U	20	17.5	87	70-130	
trans-1,2-Dichloroethene	ug/L	0.50U	20	18.8	94	70-130	
trans-1,3-Dichloropropene	ug/L	0.25U	20	16.6	83	70-130	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	18.3	91	70-130	
Trichloroethene	ug/L	0.50U	20	20.0	100	70-130	
Trichlorofluoromethane	ug/L	0.50U	20	23.4	117	70-130	
Vinyl acetate	ug/L	1.0U	20	17.2	86	70-130	
Vinyl chloride	ug/L	0.50U	20	18.4	92	70-130	
Xylene (Total)	ug/L	0.50U	60	54.5	91	70-130	
1,2-Dichloroethane-d4 (S)	%				101	86-125	
4-Bromofluorobenzene (S)	%				107	70-114	
Toluene-d8 (S)	%				99	87-113	

SAMPLE DUPLICATE: 1071791

Parameter	Units	35165033002 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	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

SAMPLE DUPLICATE: 1071791

Parameter	Units	35165033002 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)	%	116	108	7	40	
4-Bromofluorobenzene (S)	%	104	99	5	40	
Toluene-d8 (S)	%	103	102	1	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: OEXT/19837 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

METHOD BLANK: 1066624 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/26/14 01:20	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/26/14 01:20	

LABORATORY CONTROL SAMPLE: 1066625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.23	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.21	83	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066626 1066627

Parameter	Units	35164522002 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	0.0053U	.44	.44	0.52	0.48	119	109	60-140	8	40	
1,2-Dibromoethane (EDB)	ug/L	0.0067U	.44	.44	0.40	0.39	91	88	60-140	3	40	

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: WET/28048 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

METHOD BLANK: 1068696 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/27/14 15:37	

LABORATORY CONTROL SAMPLE: 1068697

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	301	100	90-110	

SAMPLE DUPLICATE: 1068700

Parameter	Units	35165033004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1300	1150	12	20	

SAMPLE DUPLICATE: 1068701

Parameter	Units	35165033006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1420	1620	13	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: WETA/41547 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35165033001

METHOD BLANK: 1067123 Matrix: Water
Associated Lab Samples: 35165033001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/26/14 09:15	
Sulfate	mg/L	2.5U	5.0	11/26/14 09:15	

LABORATORY CONTROL SAMPLE: 1067124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.3	97	90-110	
Sulfate	mg/L	50	47.5	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067125 1067126

Parameter	Units	35164970001 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	79.7	80.4	158	159	90-110	1	20	J(M1)
Sulfate	mg/L	2.5U	50	50	78.0	78.8	154	155	90-110	1	20	J(M1)

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067127 1067128

Parameter	Units	35164970011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	23.4	50	50	72.6	70.3	98	94	90-110	3	20	
Sulfate	mg/L	6.7	50	50	56.6	54.8	100	96	90-110	3	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: WETA/41563 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

METHOD BLANK: 1067758 Matrix: Water
Associated Lab Samples: 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/26/14 20:39	
Sulfate	mg/L	2.5U	5.0	11/26/14 20:39	

LABORATORY CONTROL SAMPLE: 1067759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.7	103	90-110	
Sulfate	mg/L	50	51.0	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067760 1067761

Parameter	Units	35165033008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	61.5	50	50	118	118	113	112	90-110	0	20	J(M1), L
Sulfate	mg/L	20.3	50	50	73.5	73.5	106	106	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067762 1067763

Parameter	Units	35165460001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	44.6	50	50	103	103	117	117	90-110	0	20	J(M1), L
Sulfate	mg/L	2.5U	50	50	51.3	51.7	98	99	90-110	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: WETA/41537 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

METHOD BLANK: 1066779 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009, 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/25/14 13:27	

LABORATORY CONTROL SAMPLE: 1066780

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

MATRIX SPIKE SAMPLE: 1066782

Parameter	Units	35165198001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	36.0	10	45.7	97	90-110	

SAMPLE DUPLICATE: 1066781

Parameter	Units	35165198001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	36.0	36.0	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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: WETA/41469 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009

METHOD BLANK: 1064741 Matrix: Water
Associated Lab Samples: 35165033001, 35165033002, 35165033003, 35165033004, 35165033005, 35165033006, 35165033008, 35165033009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/22/14 12:00	

SAMPLE DUPLICATE: 1064743

Parameter	Units	35165017001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.095	0.099	4		

SAMPLE DUPLICATE: 1064745

Parameter	Units	35165033004 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

QC Batch: WETA/41470 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, Unpres.
Associated Lab Samples: 35165033010

METHOD BLANK: 1064750 Matrix: Water
Associated Lab Samples: 35165033010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.050	11/22/14 12:38	

SAMPLE DUPLICATE: 1064752

Parameter	Units	35165033010 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.025U	0.025U			

SAMPLE DUPLICATE: 1064889

Parameter	Units	35164970010 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Nitrate	mg/L	0.10	0.10	2		

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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 35165033

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.

PQL - Practical Quantitation 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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35165033002	B-5		FLD/		
35165033003	B-5 Dup		FLD/		
35165033004	B36		FLD/		
35165033005	B37-2		FLD/		
35165033006	B37-1		FLD/		
35165033008	B38-1		FLD/		
35165033009	B38-2		FLD/		
35165033010	B39		FLD/		
35165033001	EQ Blank 11/21/14	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033002	B-5	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033003	B-5 Dup	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033004	B36	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033005	B37-2	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033006	B37-1	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033008	B38-1	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033009	B38-2	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033010	B39	EPA 8011	OEXT/19837	EPA 8011	GCSV/13037
35165033001	EQ Blank 11/21/14	EPA 3010	MPRP/21638	EPA 6010	ICP/13248
35165033002	B-5	EPA 3010	MPRP/21638	EPA 6010	ICP/13248
35165033003	B-5 Dup	EPA 3010	MPRP/21638	EPA 6010	ICP/13248
35165033004	B36	EPA 3010	MPRP/21638	EPA 6010	ICP/13248
35165033005	B37-2	EPA 3010	MPRP/21638	EPA 6010	ICP/13248
35165033006	B37-1	EPA 3010	MPRP/21638	EPA 6010	ICP/13248
35165033008	B38-1	EPA 3010	MPRP/21640	EPA 6010	ICP/13249
35165033009	B38-2	EPA 3010	MPRP/21640	EPA 6010	ICP/13249
35165033010	B39	EPA 3010	MPRP/21640	EPA 6010	ICP/13249
35165033001	EQ Blank 11/21/14	EPA 3010	MPRP/21639	EPA 6020	ICPM/8849
35165033002	B-5	EPA 3010	MPRP/21639	EPA 6020	ICPM/8849
35165033003	B-5 Dup	EPA 3010	MPRP/21639	EPA 6020	ICPM/8849
35165033004	B36	EPA 3010	MPRP/21639	EPA 6020	ICPM/8849
35165033005	B37-2	EPA 3010	MPRP/21639	EPA 6020	ICPM/8849
35165033006	B37-1	EPA 3010	MPRP/21639	EPA 6020	ICPM/8849
35165033008	B38-1	EPA 3010	MPRP/21641	EPA 6020	ICPM/8850
35165033009	B38-2	EPA 3010	MPRP/21641	EPA 6020	ICPM/8850
35165033010	B39	EPA 3010	MPRP/21641	EPA 6020	ICPM/8850
35165033001	EQ Blank 11/21/14	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033002	B-5	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033003	B-5 Dup	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033004	B36	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033005	B37-2	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033006	B37-1	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033008	B38-1	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033009	B38-2	EPA 7470	MERP/5152	EPA 7470	MERC/5145
35165033010	B39	EPA 7470	MERP/5153	EPA 7470	MERC/5146
35165033001	EQ Blank 11/21/14	EPA 8260	MSV/13410		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35165033002	**B-5**	EPA 8260	MSV/13410		
35165033003	**B-5 Dup**	EPA 8260	MSV/13410		
35165033004	**B36**	EPA 8260	MSV/13410		
35165033005	**B37-2**	EPA 8260	MSV/13410		
35165033006	**B37-1**	EPA 8260	MSV/13410		
35165033008	**B38-1**	EPA 8260	MSV/13410		
35165033009	**B38-2**	EPA 8260	MSV/13410		
35165033010	**B39**	EPA 8260	MSV/13410		
35165033011	**Trip Blank 11/21/14**	EPA 8260	MSV/13410		
35165033001	**EQ Blank 11/21/14**	SM 2540C	WET/28048		
35165033002	**B-5**	SM 2540C	WET/28048		
35165033003	**B-5 Dup**	SM 2540C	WET/28048		
35165033004	**B36**	SM 2540C	WET/28048		
35165033005	**B37-2**	SM 2540C	WET/28048		
35165033006	**B37-1**	SM 2540C	WET/28048		
35165033008	**B38-1**	SM 2540C	WET/28048		
35165033009	**B38-2**	SM 2540C	WET/28048		
35165033010	**B39**	SM 2540C	WET/28048		
35165033001	**EQ Blank 11/21/14**	EPA 300.0	WETA/41547		
35165033002	**B-5**	EPA 300.0	WETA/41563		
35165033003	**B-5 Dup**	EPA 300.0	WETA/41563		
35165033004	**B36**	EPA 300.0	WETA/41563		
35165033005	**B37-2**	EPA 300.0	WETA/41563		
35165033006	**B37-1**	EPA 300.0	WETA/41563		
35165033008	**B38-1**	EPA 300.0	WETA/41563		
35165033009	**B38-2**	EPA 300.0	WETA/41563		
35165033010	**B39**	EPA 300.0	WETA/41563		
35165033001	**EQ Blank 11/21/14**	EPA 350.1	WETA/41537		
35165033002	**B-5**	EPA 350.1	WETA/41537		
35165033003	**B-5 Dup**	EPA 350.1	WETA/41537		
35165033004	**B36**	EPA 350.1	WETA/41537		
35165033005	**B37-2**	EPA 350.1	WETA/41537		
35165033006	**B37-1**	EPA 350.1	WETA/41537		
35165033008	**B38-1**	EPA 350.1	WETA/41537		
35165033009	**B38-2**	EPA 350.1	WETA/41537		
35165033010	**B39**	EPA 350.1	WETA/41537		
35165033001	**EQ Blank 11/21/14**	EPA 353.2	WETA/41469		
35165033002	**B-5**	EPA 353.2	WETA/41469		
35165033003	**B-5 Dup**	EPA 353.2	WETA/41469		
35165033004	**B36**	EPA 353.2	WETA/41466		
35165033004	**B36**	EPA 353.2	WETA/41469		
35165033005	**B37-2**	EPA 353.2	WETA/41469		
35165033006	**B37-1**	EPA 353.2	WETA/41469		
35165033008	**B38-1**	EPA 353.2	WETA/41469		
35165033009	**B38-2**	EPA 353.2	WETA/41469		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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.: 35165033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35165033010	**B39**	EPA 353.2	WETA/41470		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analyti

The Chain-of-Custody is a LEGAL DOCUMENT. All rele

WO# : 35165033

35165033

1661141

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: VOLUSIA COUNTY SOLID WASTE	Report To: JENNIFER STARK	Attention:
Address: 1990 TOMOKA FARMS RD	Copy To:	Company Name:
DAYTONA BEACH FL 32124		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name:	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #: 1590

REGULATORY AGENCY

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

Site Location STATE: _____

Requested Analysis Filtered (Y/N)

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: TDS, NO3, Cl, Sulfate	Nitrogen, Ammonia, NH3	Low Level Hg Metals	8011 EDB	8260 VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EQ	WT	G			11-21-14	0910		8	3	1	1	3					X	X	X	X	X		
2	BS						0950																	
3	DUPLICATE						0950																	
4	B36						1101																	
5	B37-2						1155																	
6	B37-1						1220																	
7	B64						1315																	
8	B38-1						1358																	
9	B38-2						1423																	
10	B39						1507																	
11	TRIP BLANKS					↓	—		2				2									X		
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] /PACE	11-21-14	1615	[signature] Pratt	11/21/14	1610	3.0	Y		

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK GILBERT

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11-21-14

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 ANNUAL	
WELL NO: D	SAMPLE ID: EQ	DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: ESP

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 GIBBONS / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 0905	SAMPLING ENDED AT: 0910
PUMP OR TUBING DEPTH IN WELL (feet):	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	FILTER SIZE: ____ µm
FIELD DECONTAMINATION: PUMP Y (N)	TUBING Y (N replaced)	DUPLICATE: (Y) MS (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	PB	1000	ICE			TDS, NO3, Cl, SULFATE	ESP	< 400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE			8011 EDB		
	3	CG	40	HCL		<2	8260 VOC	↓	↓

REMARKS:

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

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

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

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

Form FD 9000-24
GROUNDWATER SAMPLING LOG

SITE NAME: VOLUSIA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA LANDFILL SEMI ANNUAL
WELL NO: 1 | SAMPLE ID: B-5/DUPLICATE | DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 4.20 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (25.60 feet – 4.20 feet) X 0.16 gallons/foot = 3.424 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8 | FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9 | PURGING INITIATED AT: 0920 | PURGING ENDED AT: 0942 | TOTAL VOLUME PURGED (gallons): 8.125

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)
0930	3.75	3.75	0.375	6.88	6.32	24.17	631	0.52	5.41	YELLOW	SULFUR
0933	1.125	4.875	↓	6.88	6.30	24.10	671	0.48	4.56	↓	↓
0936	1.125	6.00	↓	6.88	6.28	24.09	721	0.45	2.43	↓	↓
0939	1.125	7.125	↓	6.89	6.28	24.14	733	0.47	1.67	↓	↓
0942	1.125	8.125	↓	6.89	6.28	24.12	745	0.48	1.40	↓	↓

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): | SAMPLING INITIATED AT: 0942 | SAMPLING ENDED AT: 0950
PUMP OR TUBING DEPTH IN WELL (feet): 9 | TUBING MATERIAL CODE: PE | 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		6.28	TDS, NO3, Cl, SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.28	8011 DCB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -98.7 ORP -99.1 ORP -97.2 ORP -97.1 ORP -97.0

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 ANNUAL	
WELL NO: 2	SAMPLE ID: B 36	DATE: 11-21-16

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:
2	3/8		1.56	ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (34.32 feet − 1.56 feet) X 0.16 gallons/foot = 5.2416 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):
5	7	1020		

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)
1041	5.25	5.25	0.25	5.45	6.18	23.94	1541	0.33	12.5	YELLOW	SULFUR
1046	1.25	6.50	↓	5.50	6.14	23.94	1650	0.32	8.92	↓	↓
~~1051~~ 1051	1.25	7.75	↓	5.53	6.19	24.05	1655	0.33	10.04	↓	↓
1056	1.25	9.00	↓	5.52	6.15	23.90	1692	0.32	6.19	↓	↓

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:	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
MARK GILBERT / PACE		1056	1101

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

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	~~PE~~ 1000	ICE		6.15	TDS, NO3, Cl, Sulfate	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.15	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -117.9 ORP -120.7 ORP -124.7 ORP -122.7

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 ANNUAL	
WELL NO: 3	SAMPLE ID: B37-2	DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 1.40	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (16.80 feet − 1.40 feet) X 0.16 gallons/foot = 2.464 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): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1141	PURGING ENDED AT: 1150	TOTAL VOLUME PURGED (gallons): 4.50

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)
1146	2.50	2.50	0.50	4.60	5.88	23.43	473	0.21	8.94	YELLOW	SULFUR
1148	1.00	3.50	0.50	4.90	5.88	23.45	478	0.21	8.63	1	1
1150	1.00	4.50	0.50	4.95	5.90	23.41	480	0.21	6.36	1	1

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBERT / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1150	SAMPLING ENDED AT: 1155
PUMP OR TUBING DEPTH IN WELL (feet): 7	TUBING MATERIAL CODE: PE	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		5.90	TDS, NO3, CL, SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, AMMONIA		
	2	CG	40	ICE		5.90	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP-99.8 ORP-106.8 ORP-112.4

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 SLDM ANNUAL	
WELL NO: 4	SAMPLE ID: B37-1	DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 1.30	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (37.75 feet – 1.30 feet) X 0.16 gallons/foot = 5.832 gallons

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

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7	PURGING INITIATED AT: 1200	PURGING ENDED AT: 1216	TOTAL VOLUME PURGED (gallons): 9.60

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)
1210	6.00	6.00	0.60	4.52	6.15	23.43	2373	0.24	2.76	YELLOW	SULFER
1213	1.80	7.80	1	4.53	6.15	23.41	2372	0.25	1.84	↓	↓
1216	1.80	9.60	1	4.54	6.15	23.44	2376	0.25	1.55	↓	↓

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: MANUEL CHAVEZ / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1216	SAMPLING ENDED AT: 1220
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					
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		6.15	TDS, NO3, Cl, SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3		
	2	CG	40	ICE		6.15	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -164.5 ORP -171.0 ORP -176.6

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: SOLUSTA COUNTY SOLID WASTE | SITE LOCATION: TOMOKA SEMI ANNUAL
WELL NO: 7 | SAMPLE ID: B38-2 | DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 1.35 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: (only fill out if applicable) 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
= (17.54 feet − 1.35 feet) X 0.16 gallons/foot = 2.5584 gallons

EQUIPMENT VOLUME PURGE: (only fill out if applicable) 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
= 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: 1408 | PURGING ENDED AT: 1418 | TOTAL VOLUME PURGED (gallons): 5.00

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1414	3.00	3.00	0.50	~~5.66~~ 5.35	~~22.0~~ 5.66	22.02	532	0.32	1.73	YELLOW	SULFUR
1416	1.00	4.00	↓	5.35	5.65	21.97	535	0.34	2.03	↓	↓
1418	1.00	5.00	↓	5.35	5.65	21.90	539	0.37	1.97	↓	↓

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: MARC GILBERT/PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1418 | SAMPLING ENDED AT: 1423
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					
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		5.65	TDS, NO3, Cl, SULFATE	ESP	400
	1	↓	250	HNO3		<2	6010, 6020	↓	↓
	1	↓	250	H2SO4		<2	NITROGEN, NH3	↓	↓
	2	CG	40	ICE		5.65	8011/504	↓	↓
	3	CG	40	HCL		<2	~~8260~~ VOC	↓	↓
							8260	↓	↓

REMARKS: ORP-113.8 ORP-117.1 ORP-120.4
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 ANNUAL	
WELL NO: 6	SAMPLE ID: B38-1	DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/8	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 3.55	PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)
= (39.49 feet − 3.55 feet) X 0.16 gallons/foot = 5.7504 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: 1336	PURGING ENDED AT: 1354	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)
1348	6.00	6.00	0.50	5.70	5.13	22.50	314	0.31	2.17	CLEAR	SULFUR
1351	1.50	7.50	0.50	5.73	5.11	22.46	314	0.29	1.72	"	"
1354	1.50	9.00	0.50	5.75	5.13	22.45	314	0.28	1.62	"	"

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GIBBERT / PACE	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1354	SAMPLING ENDED AT: 1358
PUMP OR TUBING DEPTH IN WELL (feet): 8	TUBING MATERIAL CODE: PE	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		5.13	TOTAL CHLORIDE SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020		
	1	↓	250	H2SO4		<2	~~AMMONIA~~ NITROGEN NH3		
	2	CG	40	ICE		5.13	8011 EDB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -81.6 ORP -85.5 ORP -90.1

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 ANNUAL
WELL NO: 8 | SAMPLE ID: B39 | DATE: 11-21-14

PURGING DATA

WELL DIAMETER (inches): 2 | TUBING DIAMETER (inches): 3/8 | WELL SCREEN INTERVAL DEPTH: feet to feet | STATIC DEPTH TO WATER (feet): 5.50 | PURGE PUMP TYPE OR BAILER: ESP

WELL VOLUME PURGE (only fill out if applicable): 1 WELL VOLUME = (TOTAL WELL DEPTH − STATIC DEPTH TO WATER) X WELL CAPACITY
= (17.76 feet − 5.50 feet) X 0.16 gallons/foot = 1.9616 gallons

EQUIPMENT VOLUME PURGE (only fill out if applicable): 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
= 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: 1452 | PURGING ENDED AT: 1502 | 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)
1458	2.10	2.10	0.35	6.96	4.62	24.02	218	0.34	5.43	YELLOW	SULFER
1500	0.70	2.80	0.35	7.00	4.62	23.90	217	0.38	3.88	1	1
1502	0.70	3.50	0.35	7.01	4.62	23.89	218	0.46	3.27	1	1

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

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: MARK GILBONY/PACE | SAMPLER(S) SIGNATURE(S): | SAMPLING INITIATED AT: 1502 | SAMPLING ENDED AT: 1507
PUMP OR TUBING DEPTH IN WELL (feet): 10 | TUBING MATERIAL CODE: PE | 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		4.62	TOS, NO3, CL, SULFATE	ESP	<400
	1	↓	250	HNO3		<2	6010, 6020		
	1	↓	250	H2SO4		<2	NITROGEN, NH3	↓	↓
	2	CG	40	ICE		4.62	8011 DBB		
	3	CG	40	HCL		<2	8260 VOC		

REMARKS:
ORP -85.7 ORP -89.5 ORP -94.1

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: Sample Condition Upon Receipt Form	Document Revised: August 11, 2014
	Document No.: F-FL-C-007 rev. 06	Issuing Authority: Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLUSIA COUNTY SOLID WASTE TOMOKA SEMI ANNUAL

Project # 35165033

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

Trading # _____

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

Date and Initials of person examining contents: JP 11/22/14

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

Thmometer Used T58 Type of Ice: (Wet) Blue None

Coer Temperature °C 2.9 (Visual) +0.1 (Correction Factor) 3.0 (Actual) 2.8 +0.1 2.9

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

Reipt of samples satisfactory: ☑ Yes ☐ No Rush TAT requested on COC:

If ys, then all conditions below were met:	If no, then mark box & describe issue (use comments area if necessary):
Chn of Custody Present	☐
Chn of Custody Filled Out	☐
Requished Signature & Sampler Name COC	☐
Saples Arrived within Hold Time	☐
Sucient Volume	☐
Coect Containers Used	☐
Coainers Intact	☐
Saple Labels match COC (sample IDs & date/time of collection)	☐ No Labels: ☐ No Time/Date on Labels: ☐
Allntainers needing preservation are found to be in conance with EPA recommendation.	☐
Ndeadspace in VOA Vials (>6mm):	☐

Clnt Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

roject Manager Review: _____ Date: _____

Finished Product Information Only

F. Sample ID: _____

Pduction Code: _____

De/Time Opened: _____

Nmber 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

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	TWC-3490	8-11-14	3-1-16
Standard B:	4.00	TWC-2702	12-9-13	6-1-15
Standard C:	10.00	TWC 3149	2-28-14	2-1-16

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-21-14	0853	A	7.00	7.09		N	CCV	DE
11-21-14	0810	B	4.00	4.10		N	CCV	DE
11-21-14	0815	C	10.00	10.15		N	CCV	DE

Notes: _____

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	TWC-3490	8-11-14	3-1-16
Standard B:	4.00	TWC 2702	12-9-13	6-1-15
Standard C:	10.00	TWC 3149	9-28-14	2-1-16

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-A-14	0637	A	7.00	7.03		N	CCV	DI
11-19-14	0641	B	4.00	4.00		N	CCV	DI
11-19-14	0646	C	10.00	9.97		N	CCV	DI
11-20-14	0655	A	7.00	6.96		N	CCV	DI
11-20-14	0659	B	4.00	3.97		N	CCV	DI
11-20-14	07	C	10.00	9.96		N	CCV	DI

Notes: _____

INSTRUMENT (MAKE/MODEL) YSI 556

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 3490	8-11-14	3-1-16
Standard B:	4.00	IWC 2702	12-9-13	6-1-15
Standard C:	10.00	IWC 3149	4-28-14	2-1-16

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-17-14	0644	A	7.00	7.00		N	CCV	MS
11-17-14	0646	B	4.00	4.15		N	CCV	MS
11-17-14	0648	C	10.00	10.01		N	CCV	MS
11-18-14	0613	A	7.00	7.05		N	CCV	MS
11-18-14	0635	B	4.00	4.03		N	CCV	MS
11-18-14	0637	C	10.00	10.01		N	CCV	MS

Notes:

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	IWC3150	4-28-14	2-1-15
Standard B:	10.00 NTU	IEX 2148	5-13-14	4-1-15
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-17-14	0652	A	1.00	0.98		N	CCV	MS
11-17-14	0652	B	10.00	10.29		N	CCV	MC
11-18-14	0638	A	1.00	1.00		N	CCV	MS
11-18-14	0639	B	10.00	9.94		N	CCV	MS
11-19-14	0656	A	1.00	0.97		N	CCV	DI
11-19-14	0658	B	10.00	10.21		N	CCV	DI
11-20-14	0642	A	1.00	1.00		N	CCV	DI
11-20-14	0645	B	10.00	9.98		N	CCV	DI

Notes: _____

Temperature ☐ Conductivity YSI 556 ☐ 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
11-17-14	0633	A	9.352	9.357		N	CCV	MS
11-18-14	0608	A	9.314	9.313		N	CCV	MS
11-19-14	0626	A	9.585	9.596		N	CCV	DT
11-20-14	0630	A	9.528	9.524		N	CCV	DT

Notes:

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 17057	11-3-14	5-2-15
Standard B:	1413	PWC 17054	11-3-14	5-2-15
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-17-14	0639	A	147	146		N	CCV	MS
11-17-14	0640	B	1413	1397		N	CCV	MS
11-18-14	0609	A	147	146		N	CCV	MS
11-18-14	0610	B	1413	1388		N	CCV	MS
11-19-14	0629	A	147	144		N	CCV	DI
11-19-14	0635	B	1413	1393		N	CCV	DI
11-20-14	0631	A	147	~~145~~ 145		N	CCV	DI
11-20-14	06	B	1413	1398		N	CCV	DI

Notes: _____

INSTRUMENT (no. & name): YSI 556

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	PWC16419	9-17-14	9-17-15
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
11-17-14	0642	A	240.1	236.9		N	CCV	MS
11-18-14	0612	A	240.1	235.4		N	CCV	MS
11-19-14	0652	A	244.0	237.7		N	CCV	DI
11-20-14	0652	A	244.0	235.8		N	CCV	DI

Notes: _____

INSTRUMENT (ID Number): 451556

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
11-10-14	8.25	A	9.220	9.232		N	CCV	DI
11-11-14	0615	A	9.448	9.448		N	CCV	MS
11-12-14	0604	A	9.390	9.404		N	CCV	MS
11-13-14	0555	A	9.467	9.504		N	CCV	MS
11-14-14	0626	A	9.428	9.431		N	CCV	MS
11-14-14	1544	A	8.985	8.985		N	CCV	MS

Notes: _____

INSTRUMENT (make/model) YSI 556

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	PWC17057	11-3-14	5-2-15
Standard B:	1413	PWC17059	11-3-14	5-2-15
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-10-14	8.30	A	147	148		N	CCV	DT
11-10-14	8.33	B	1413	1414		N	CCV	DT
11-11-14	0616	A	147	146		N	CCV	MS
11-11-14	0617	B	1413	1412		N	CCV	MS
11-12-14	0606	A	147	146		N	CCV	MS
11-12-14	0607	B	1413	1405		N	CCV	MS
11-13-14	0556	A	147	148		N	CCV	MS
11-13-14	0657	B	1413	1400		N	CCV	MS
11-14-14	0627	A	147	145		N	CCV	MS
11-14-14	0628	B	1413	1399		N	CCV	MS
11-14-14	1545	A	147	144		N	CCV	MS
11-14-14	1546	B	1413	1398		N	CCV	MS

Notes: _____

INSTRUMENT (ID Number): YSI 556

PARAMETER (check only one)

- Temperature
- Conductivity
- X 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 Resolution	PWC 16419	9-17-14	9-17-15
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
11-10-14	0855	A	238.8	238.8		Y	IC	MS
11-10-14	0900	A	238.8	238.4		N	ICV	MS
11-11-14	0619	A	240.1	235.8		N	CCV	MS
11-12-14	0611	A	240.1	238.2		N	CCV	MS
11-13-14	0559	A	240.1	237.5		N	CCV	MS
11-14-14	0630	A	240.1	240.4		N	CCV	MS
11-14-14	1548 MS	A	238.8	237.2		N	CCV	MS

Notes: _____

INSTRUMENT (make/model): YSI 556

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	IWC3490	8-11-14	3-1-16
Standard B:	4.00	IWC2302	12-9-13	6-1-15
Standard C:	10.00	IWC3143	4-28-14	2-1-16

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-10-14	8 35	A	7.00	7.08		N	CCV	DI
11-10-14	8.38	B	4.00	4.11		N	CCV	DI
11-10-14	8.41	C	10.00	9.96		N	CCV	DI
11-11-14	0626	A	7.00	7.02		N	CCV	MS
11-11-14	0628	B	4.00	4.12		N	CCV	MS
11-11-14	0631	C	10.00	9.98		N	CCV	MS
11-12-14	0618	A	7.00	6.98		N	CCV	MS
11-12-14	0621	B	4.00	4.11		N	CCV	MS
11-12-14	0624	C	10.00	9.93		N	CCV	MS
11-13-14	0603	A	7.00	6.95		N	CCV	MS
11-13-14	0606	B	4.00	4.09		N	CCV	MS
11-13-14	0609	C	10.00	9.85		N	CCV	MS
11-14-14	0632	A	7.00	6.97		N	CCV	MS
11-14-14	0635	B	4.00	4.14		N	CCV	MS
11-14-14	0639	C	10.00	9.88		N	CCV	MS
11-14-14	1550	A	7.00	6.90		N	CCV	MS
11-14-14	1552	B	4.00	4.07		N	CCV	MS
11-14-14	1553	C	10.00	9.84		N	CCV	MS

Notes: _____

INSTRUMENT (make/model) 2020 TURBIDIMETER

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	1WC 3150	4-28-14	2-1-15
Standard B:	10.00	1Rx 2148	5-13-14	4-1-15
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-10-14	8:20	A	1.00	0.99		N	CCV	DI
11-10-14	8:22	B	10.00	9.55		N	CCV	DI
11-11-14	0632	A	1.00	0.96		N	CCV	MS
11-11-14	0633	B	10.00	9.66		N	CCV	MS
11-12-14	0628	A	1.00	0.95		N	CCV	MS
11-12-14	0629	B	10.00	9.87		N	CCV	MS
11-13-14	0610	A	1.00	1.01		N	CCV	MS
11-13-14	0610	B	10.00	9.93		N	CCV	MS
11-14-14	0622	A	1.00	1.02		N	CCV	MS
11-14-14	0622	B	10.00	9.62		N	CCV	MS
11-14-14	1554	A	1.00	0.96		N	CCV	MS
11-14-14	1554	B	10.00	9.66		N	CCV	MS

Notes: