

SCS ENGINEERS



Tomoka Farms Road Landfill
Semi-Annual Monitoring Report
Fall 2011

Presented to:
**Florida Department of Environmental
Protection**



Ms. Gloria Jean DePardine
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Presented by:

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February 17, 2012
File No. 09211049.02T1

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February 17, 2012
File No. 09211049.02

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Subject: Fall 2011, Tomoka Farms Road Landfill, Semi-Annual Monitoring,
FDEP Permit Number SO64-0078767-023

Dear Ms. DePradine:

SCS Engineers (SCS) has reviewed the analytical report for the second semi-annual sampling event of 2011 (Fall 2011 sampling event) for the Tomoka Farms Road Landfill (TFRLF). The Fall 2011 sampling event consisted of groundwater and surface water sampling and the collection of groundwater and surface water elevation measurements. A site map showing groundwater monitoring wells and the surface water and leachate sampling locations is provided on Figure 1 in Attachment 1.

SEMI-ANNUAL MONITORING EVENT SUMMARY

During the Fall 2011 sampling event, field activities included the collection of a complete round of water levels during a one day period, sample collection for all sampling locations outlined in the approved Monitoring Plan Implementation Schedule (MPIS), and the associated quality assurance/quality control (QA/QC) samples. Samples were collected from November 7, 2011, through November 18, 2011, by Pace Analytical Services, Inc., (Pace) under contract with Volusia County (County). After sample collection, the groundwater analytical results were evaluated against the primary and secondary drinking water standards (PDWS and SDWS, respectively) listed in Chapter 62-550, Florida Administrative Code (F.A.C.) and the Groundwater Cleanup Target Levels (GCTLs) listed in Chapter 62-777, F.A.C. Surface water samples were evaluated against the surface water criteria listed in Chapter 62-302.530, F.A.C.

Below is a summary and discussion of the potentiometric elevations across the site, the groundwater, surface water, and leachate analytical results, and recommendations and conclusions based on the Fall 2011 sampling event.

POTENTIOMETRIC ELEVATIONS

Groundwater level measurements and staff gage readings for the surface water sampling locations were collected by Pace, on November 7, 2011. All groundwater monitoring wells and



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surface water locations were measured except for surface water location SW-3, and SW-4, which were dry. A site map and monitoring locations are included on Figure 1 in Attachment 1.

The groundwater and surface water elevations, based on the November 7, 2011, water level measurements, are shown in Tables 1 and 2 in Attachment 2, respectively. The groundwater potentiometric maps for aquifer Zones 1-2 and 4 are included as Figures 2 and 3 in Attachment 1, respectively. The groundwater potentiometric maps indicate a northeasterly groundwater flow direction in aquifer Zone 1-2 and Zone 4 across the TFRLF. These groundwater flow directions across the site are similar to historical groundwater flow determinations.

In general accordance with the MPIS, the surficial aquifer groundwater elevation contour map incorporates adjacent and on-site surface water elevations, where appropriate. In accordance with previous recommendations that elevations for the closed water bodies at the site be noted on the figure, but not included in the contouring of the groundwater, Figure 2 in Attachment 1 was constructed. This figure includes surface water elevations next to the sampling point for SW-2, SW-4, SW-5, SW-11, and SW-12. The elevations were for information purposes only and were not included in the potentiometric mapping. However, surface water locations and elevations for SW-1 and SW-3 were included into the groundwater contouring as they are open surface water sampling points. These surface water level data were consistent with the trends in groundwater level data indicated by the potentiometric mapping.

Also according to the MPIS, semi-annual staff gage readings for the north and south leachate ponds are recorded and included in the monitoring report. Water levels in each pond are to be recorded as close as possible to within six inches (the current staff gages are marked at one foot intervals)¹. Each pond is double lined with a leak detection layer that is monitored in accordance with the Leachate Basin Operation Plan approved by the Florida Department of Environmental Protection (FDEP) in July 1999. The leachate staff gage readings for the Fall 2011 sampling event for the north and south ponds were not legible. Volusia County is in the process of repairing the staff gage. Staff gage readings for the north and south leachate ponds will be included in the next semi-annual monitoring report.

Quality Control Review of Analytical Data

SCS reviewed the laboratory quality control (QC) reports associated with each analytical report and field QC samples. Samples for the TFRLF were received by the laboratory between November 7 and 18, 2011. Method blanks, laboratory control samples, duplicate samples, and matrix spike/matrix spike duplicates were found within recommended laboratory guidelines. Parameters detected in equipment blanks include acetone and xylene (total). No parameters were detected in the trip blanks.

¹This was agreed upon by Volusia County and the FDEP in a telephone conversation and confirmed in an email dated November 5, 2009.

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Groundwater Quality Data

Groundwater exceedances above the PDWS, SDWS, and GCTL standards reported for this sampling event include ammonia, arsenic, benzene, chloride, iron, sodium, sulfate, total dissolved solids (TDS), pH, and vinyl chloride. A summary of the detected groundwater parameters and exceedances for Zone 1-2, Zones 4 and 6, and the Floridan aquifer are included in Tables 3, 4, and 5 in Attachment 2, respectively. The full laboratory analytical results and field sampling logs provided by Pace are included in Attachment 3. A summary of the exceedances by parameter is below:

Ammonia

Ammonia concentrations exceeding the GCTL of 2.8 milligrams per liter (mg/L) were detected in compliance wells B-34-2 (7.6 mg/L), B-61R (22.5 mg/L), and B62-2R (20.4 mg/L) in Zone 1-2. Ammonia concentration exceedances in Zone 4 were found in compliance wells B-1B (11.9 mg/L), B41-1 (82.7 mg/L), and B62-1R (105 mg/L) and in the background well B2 (3 mg/L). Ammonia did not exceed the GCTL in the Floridan aquifer.

The ammonia detection at B-34-2 is a first time exceedance. This well will be evaluated in subsequent monitoring events to determine if this is a trend or if it is an outlier. The ammonia exceedances listed above (with the exception of B-34-2), have historically exceeded the GCTL at the TFRLF and have initiated evaluation monitoring for ammonia under the direction of the October 26, 2009, FDEP letter. Therefore, no further action is recommended at this time.

Arsenic

Arsenic concentrations exceeding the PDWS of 10 micrograms per liter ($\mu\text{g/L}$) were detected in detection wells B34-2 (12.5 $\mu\text{g/L}$) and B75 (18.9 $\mu\text{g/L}$), in Zone 1-2. Arsenic was not detected above the practical quantitation limits (PQL) in Zone 4 wells or the Floridan aquifer during the Fall 2011 monitoring event. In the FDEP's October 26, 2009 letter, the FDEP indicated that semi-annual monitoring for arsenic was sufficient at that time because, the arsenic exceedances have been sporadic at the site, and the source may not be the waste disposed in the landfill. Therefore, no additional action is recommended at this time.

The arsenic detection at B-34-2 is a first time exceedance. This well will be evaluated in subsequent monitoring events to determine if this is a trend or if it is an outlier.

Benzene

Benzene concentrations exceeding the PDWS of 1.0 $\mu\text{g/L}$ were detected in the detection groundwater monitoring well B75 (2.5 $\mu\text{g/L}$) in Zone 1-2, background monitoring well B-36 (2.6 $\mu\text{g/L}$) in Zone 4, and in compliance wells B37-1 (12.1 $\mu\text{g/L}$), B41-1 (2.1 $\mu\text{g/L}$), B43-1 (1.4 $\mu\text{g/L}$), and B45-1 (13 $\mu\text{g/L}$) in Zone 4. Benzene was not detected above the PDWS in the Floridan aquifer.

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Benzene in the vicinity of the background well B-36 and compliance well B37-1 currently is being monitored under the semi-annual B5/B37 monitoring program and the B5 remediation activities approved under the Limited Scope Remedial Action Plan (LRAP) Approval Order dated March 19, 2009. The other benzene exceedance at wells B41-1, B43-1, B45-1, and B45-2 have historically exceeded the PDWS at the TFRLF. Evaluation monitoring for benzene in these areas have been initiated by the County.

The benzene detection at B-75 is a first time exceedance. This well will be evaluated in subsequent monitoring events to determine if this is a trend or if it is an outlier.

Iron

Iron concentrations exceeding the SDWS of 300 µg/L were detected in groundwater monitoring wells in Zone 1-2, Zone 4, and the Florida aquifer, with the exception of compliance well B66 and detection well B74 in Zone 1-2. Historical groundwater quality data indicate elevated iron concentrations in wells are typical groundwater conditions at TFRLF.

pH

The pH concentrations outside of the SDWS pH range of 6.5-8.5 S.U. were detected in a total of 27 wells in Zone 1-2 and Zone 4. pH was detected within the SDWS range for pH in the Floridan aquifer. Historical pH concentrations at the TFRLF are outside the SDWS range for pH.

Sodium

Sodium concentrations exceeding the PDWS of 160 mg/L were detected in compliance well B33-2 (170 mg/L) in Zone 1-2 and compliance wells B37-1 (236 mg/L), B41-1 (168 mg/L), B45-1 (207 mg/L), and B62-1R (223 mg/L) in Zone 4. These wells have historically exceeded sodium at the TFRLF. Sodium did not exceed the PDWS in the Floridan aquifer. In a letter dated October 26, 2009, the FDEP indicated that implementation of evaluation monitoring for sodium is not required. Therefore, no additional action is recommended at this time.

Sulfate

Sulfate concentrations exceeding the SDWS of 250 mg/L were detected in background well B2 (308 mg/L) and compliance well B42-1 (280 mg/L). Historically the compliance well B41-2 has exceeded the SDWS. Because background well B2 is hydraulically up gradient from the landfill, sulfate exceedances may not be due to the landfill. Sulfate was not detected above the SDWS in Zone 1-2 or the Floridan aquifer at the TFRLF.

TDS

TDS concentrations exceeding the SDWS of 500 mg/L were detected in a total of 23 wells in Zone 1-2 and Zone 4. TDS was not detected above the SDWS in the Floridan aquifer. TDS exceedances have historically exceeded the SDWS at the TFRLF.

Vinyl Chloride

Vinyl chloride was not detected above the PDWS in Zone 1-2, Zone 4, or the Floridan aquifer. Compliance well B5 has historically exceeded vinyl chloride at the TFRLF. Vinyl chloride in the vicinity of the compliance wells B-5 currently is being remediated under the LRAP.

Surface Water Quality Data

Surface water quality data collected on May 10, 2011, by Pace for seven surface water sampling locations: SW-1, SW-2, SW-3, SW-4, SW-5, SW-11, and SW-12. Surface water exceedances above the standards in Chapter 62-302.530 of the F.A.C. for Predominantly Fresh Water for this sampling event include pH at surface water locations SW-1, SW-3, and SW-5, and dissolved oxygen at SW-3 and SW-4. These parameters will continue to be monitored in the surface waters at the site. A summary of the detected surface water parameters and exceedances is included in Table 6 in Attachment 2.

Leachate Quality Data

A summary of detectable parameters for the leachate water quality data collected on November 18, 2011 by Pace are shown in Table 7 in Attachment 2. Detections of leachate quality data are provided in Table 7, Attachment 2. No constituents were detected in concentrations above toxicity concentrations listed in 40 Code of Federal Regulations (CFR) Part 261.24, Table 1, during the Fall 2011 sampling event.

CONCLUSIONS AND RECOMMENDATIONS

The findings from the Fall 2011 sampling event indicate a similar northeasterly groundwater flow direction and parameter exceedances above the groundwater and surface water standards at the site as compared with historical data. Groundwater parameter exceedances included ammonia, arsenic, benzene, chloride, iron, sodium, sulfate, total dissolved solids (TDS), and pH. Surface water parameters detected during the Fall 2011 sampling event include pH and dissolved oxygen. Exceedances found in the groundwater and surface water samples are consistent with historical data with the exception of the few parameters noted above.

Currently, the TFRLF is performing B5/B37 area semi-annual monitoring, B5 area remediation, and evaluation monitoring. Based on the parameter detections and exceedances during the Fall 2011 sampling event, historical concentrations, and the ongoing monitoring and remediation at the site, no further evaluation monitoring or corrective actions are recommended at this time.

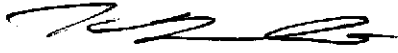
The compact disk (CD) located in Attachment 4 contains the electronic version of the monitoring report and the FDEP Automated Data Processing Tool (ADaPT) files required for submittal in accordance with the "Requirement for submitting electronic water quality data to the FDEP Central District Solid Waste Program," dated June 8, 2009.

Please contact us with any questions or comments regarding this correspondence.

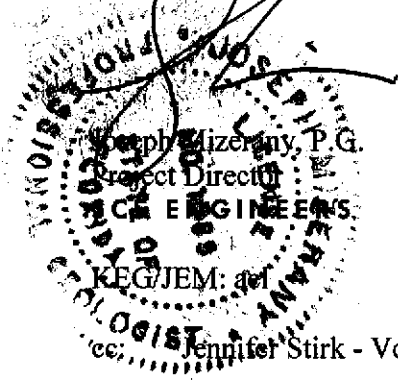
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Sincerely,



Ken E. Guilbeault, LEP
Project Manager



Joseph Mizerany, P.E.
Project Director
CE ENGINEERS
KEG/JEM: ad
cc: Jennifer Stirk - Volusia County Solid Waste

Attachments

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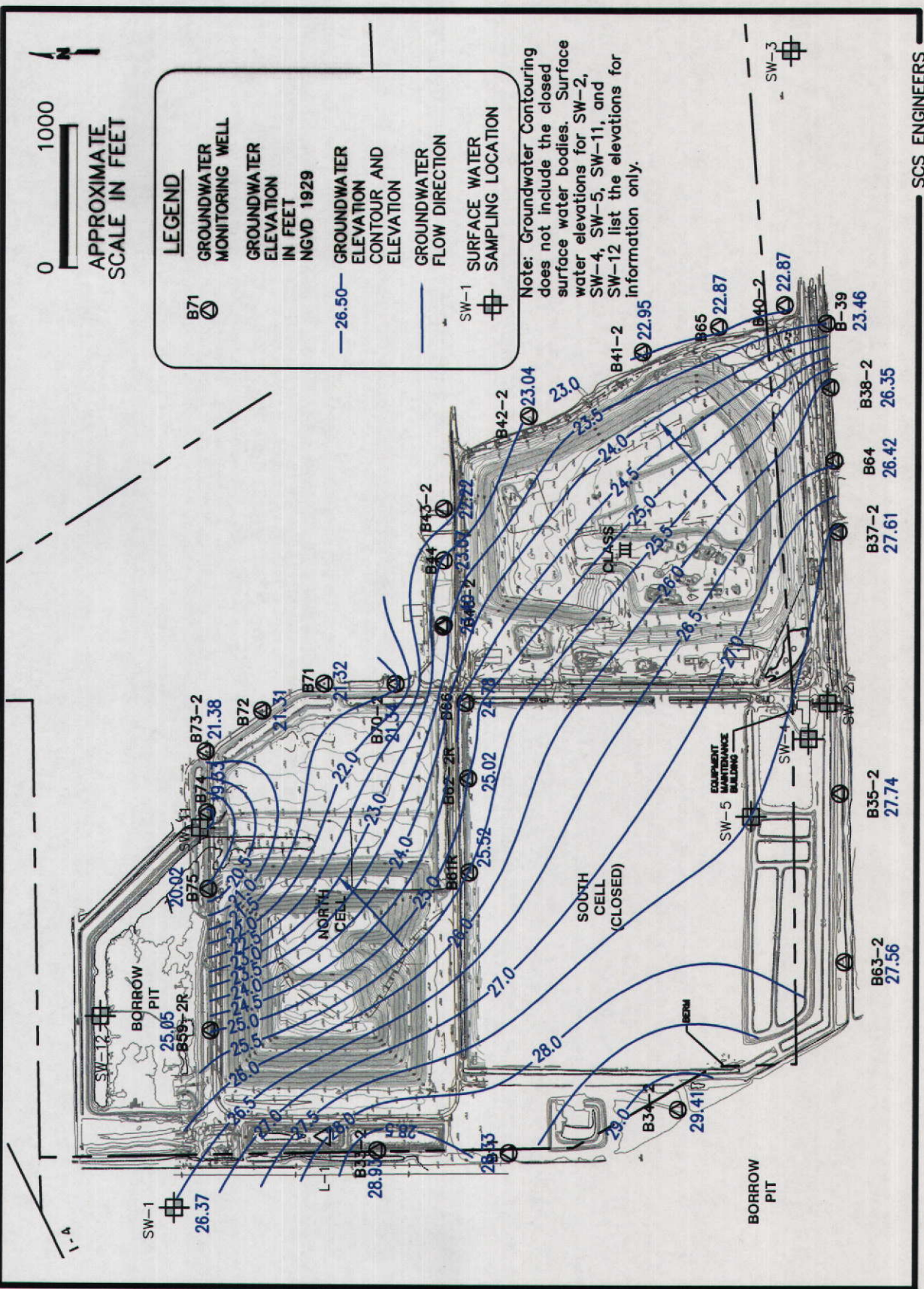


Figure 2. Groundwater Elevation Contour Map, Aquifer Zone 1-2
 Tomoka Farms Road Landfill, November 7, 2011

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G:\PROJECT\Volusia\09211049.02\ITR\Fall2011.dwg Jan 13, 2012 - 1:24pm Layout Name: Zone 4 Bx CADD

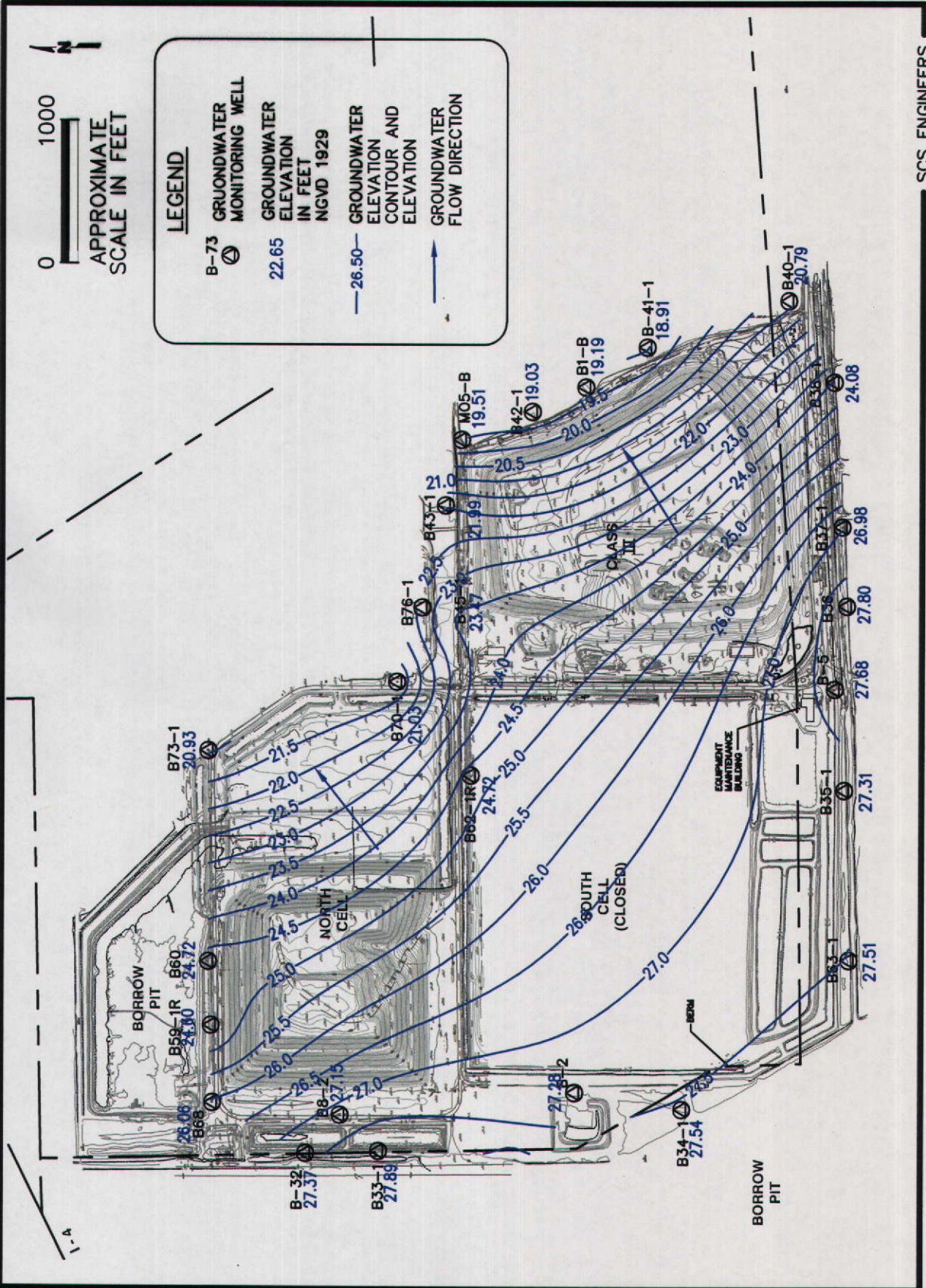


Figure 3. Groundwater Elevation Contour Map, Aquifer Zone 4
 Tomoka Farms Road Landfill, November 7, 2011

Table 1. Groundwater Elevations, November 7, 2011
Tomoka Farms Road, Volusia County, Florida

Well ID	Top of Casing Elevation (feet)	Depth To Water (feet btoc)	Groundwater Elevation (feet, NGVD)
Zone 1 & 2			
B11	32.95	4.62	28.33
B33-2	32.97	4.04	28.93
B34-2	31.20	1.79	29.41
B35-2	29.34	1.60	27.74
B37-2	28.76	1.15	27.61
B38-2	28.12	1.77	26.35
B-39	29.09	5.63	23.46
B40-2	27.67	4.80	22.87
B41-2	29.27	6.32	22.95
B42-2	28.47	5.43	23.04
B43-2	28.23	6.01	22.22
B44	30.03	6.96	23.07
B45-2	30.35	6.95	23.40
B59-2R	33.12	8.07	25.05
B61R	39.42	13.90	25.52
B62-2R	39.36	14.34	25.02
B63-2	30.38	2.82	27.56
B64	28.22	1.80	26.42
B65	27.97	5.10	22.87
B66	31.26	6.48	24.78
B70-2	31.51	10.17	21.34
B71	30.75	9.43	21.32
B72	28.93	7.62	21.31
B73-2	28.95	7.57	21.38
B74	33.78	14.45	19.33
B75	31.62	11.60	20.02
Zone 4			
B1-B	28.78	9.59	19.19
B-2	34.53	7.25	27.28
B-5	32.59	4.91	27.68
B8-2	33.37	6.22	27.15
B-32	30.92	3.55	27.37
B33-1	34.69	6.80	27.89
B34-1	31.19	3.65	27.54
B35-1	29.26	1.95	27.31
B-36	29.33	1.53	27.80
B37-1	28.63	1.65	26.98
B38-1	28.24	4.16	24.08
B40-1	27.77	6.98	20.79
B41-1	29.16	10.25	18.91
B42-1	28.30	9.27	19.03
B43-1	28.09	6.10	21.99
B45-1	30.28	6.81	23.47
B59-1R	32.44	7.84	24.60
B60	32.95	8.23	24.72
B62-1R	38.97	14.25	24.72
B63-1	30.03	2.52	27.51
B68	32.98	6.92	26.06
B70-1	31.03	10.00	21.03
B73-1	29.20	8.27	20.93
M05-B	29.80	10.29	19.51
Zone 6			
B8	33.53	14.12	19.41
Floridan Aquifer			
FA-1B	32.22	13.78	18.44
FA-2C	28.10	13.59	14.51
F-MB	n/a	16.30	n/a

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Notes:
 btoc = Below Top of Casing
 NGVD = National Geodetic Vertical Datum of 1929

**Table 2. Surface Water Elevations, November 7, 2011
Tomoka Farms Road, Volusia County, Florida**

Surface Water & Leachate Location	Staff Gage Reference Elevation (NGVD)	Staff Gage Reading (feet)	Surface Water Elevation (NGVD)
SW-1	21.59	4.78	26.37
SW-2	23.78	2.9	26.68
SW-3	20.71	1.94	22.65
SW-4	25.54	1.18	26.72
SW-5	21.61	n/a	NC
SW-11	15.71	2.5	18.21
SW-12	22.29	n/a	NC
North Leachate Pond	n/a	NM	n/a
South Leachate Pond	n/a	NM	n/a

Notes:

NGVD = National Geodetic Vertical Datum of 1929

n/a = not available (In a phone conversation with the FDEP on November 5, 2009, the County and the FDEP agreed that the County would record the level in each pond as close as possible to within six inches, acknowledging the fact that the staff gauges are not surveyed to a nationally recognized vertical datum).

NM = Not measured. Staff gage reading was not legible.

NC = Not Calculated; sampling point was dry at the time of the reading.

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**Table 5. TFRLF Summary of Detected Parameters, Floridan Aquifer
Tomoka Farms Road, Volusia County, Florida
Fall 2011**

Parameters	MCL	Standard	Units	FA-1B	FA-2C	F-MB
				BG	CO	CO
Metals						
Barium	2000	PDWS	µg/L	29.5	18	18.8
Iron	300	SDWS	µg/L	504	1670	359
Mercury	2	PDWS	µg/L	0.1 U	0.13 I	0.1 U
Water Quality						
Chloride	250	SDWS	mg/L	13.7	67.6	20
Nitrate as N	10	PDWS	mg/L	0.025 U	0.025 U	0.12
Nitrogen, Ammonia	2.8	GCTL	mg/L	0.32	0.54	0.27
Total Dissolved Solids	500	SDWS	mg/L	335	415	346
Field Parameters						
pH	6.5-8.5	SDWS	Std. Units	7.14	7.47	8.07
Oxidation Reduction Potential	----	NS	mV	-98.9	-171.4	-36
Oxygen, Dissolved	----	NS	mg/L	0.04	0.06	0.05
Specific Conductance	----	NS	umhos/cm	576	715	589
Temperature	----	NS	deg C	22.55	22.32	23.1
Turbidity	----	NS	NTU	0.01	0.02	5.74

Notes:

I = Analyte detected below quantitation level

V = Analyte detected in the associated method blank

MCL = Maximum Contaminate Level

S.U. = Standard Units

PDWS = Primary Drinking Water Standards according to F.A.C. 62-520

SDWS = Secondary Drinking Water Standards according to F.A.C. 62-550

GCTL = Groundwater Clean-up Target levels according to F.A.C. 62-777

 = Analyte exceeds MCL

N/S = No Standard

umhos/cm = micromhos per centimeter

NTU = Neuphrific Turbidity Units

deg C = Degree Celcius

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**Table 6. TFRLF Summary of Detected Parameters, Surface Water
Tomoka Farms Road, Volusia County, Florida
Fall 2011**

Parameters	MCL	Units	SW-1	SW-11	SW-12	SW-2	SW-3	SW-4	SW-5
Volatile Organics									
1,1,2,2-Tetrachloroethane	10.8	ug/L	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.86	0.12 U
Metals									
Antimony	4300	ug/L	0.5 U	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U
Barium	NS	ug/L	5 U	8.3 I	33.3	34.6	27.6	27.5	44.6
Iron	1000	ug/L	84.6	226	348	735	702	940	375
Mercury	0.012	ug/L	0.000831	0.00101	0.00163	0.00105	0.00575	0.00597	0.000651
Nickel	Calculated MCL*	ug/L	8.74	84.56	81.31	82.94	66.82	74.75	89.38
	Result		2.5 U	2.5 U	3.1 I	2.5 U	2.5 U	2.5 U	2.5 U
Selenium	5	ug/L	0.5 U	0.5 U	0.73 I	0.5 U	0.5 U	0.5 U	0.5 U
Vanadium	NS	ug/L	5 U	5 U	6.2 I	5 U	5 U	5 U	5 U
Zinc	Calculated MCL*	ug/L	20.02	194.37	186.90	190.64	153.54	171.79	205.48
	Result		10 U	10 U	10 U	10 U	10 U	19.6 I	10 U
Water Quality									
Total Hardness (as CaCO3)	NS	mg/L	12.1	177	169	173	134	153	189
Total Dissolved Solids	NS	mg/L	51	306	384	329	290	372	364
Total Organic Carbon	NS	mg/L	4.7	18	21.7	18.3	30.2	31.6	20.7
Total Suspended Solids	NS	mg/L	5 U	5 U	9	5 U	5 U	99.5	5 U
Field Parameters									
pH	6.5-8.5	Std. Units	4.32	7.92	6.67	6.08	4.83	6.85	5.94
Oxygen, Dissolved	≥ 5.0	mg/L	6.84	10.2	7.47	6.67	2.26	2.21	8.76
Specific Conductance	1275	umhos/cm	104	461	603	539	419	531	574
Temperature	NS	deg C	23.19	24.04	23.31	21.32	22.1	22.01	21.89
Turbidity	≤ 29 above background	NTU	1.99	3.36	10.14	1.69	0.82	1.39	2.23

Notes

* = MCL calculated according to F.A.C. 62-320.530

** = Shall not be increased to exceed values which would cause dissolved oxygen to be depressed below the limit established for each class and in no case shall it be great enough to produce nuisance conditions

█ = Analyte exceeds MCL

ug/L = micrograms per liter

mg/L = milligrams per liter

NS = No Standard

cfu/100mL = colony forming units per 100 milliliters

umhos/cm = micromhos per centimeter

S.U. = Standard Units

NTU = Neuphritic Turbidity Units

I = Analyte detected below quantitation level

U = Analyte not detected above the minimum detection limit

MCL = Maximum Contaminant Level according to F.A.C. 62-320

"-" = Not analyzed

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**Table 7. TFRLF Summary of Detected Parameters, Leachate
Tomoka Farms Road, Volusia County, Florida
Fall 2011**

Parameter	40 CFR, Part 261.24, Table 1	Units	South Leachate Pond
			L-1
Volatile Organics			
1,2-Dichloroethane	0.5	ug/L	0.78 I
2-Butanone (MEK)	NA	ug/L	84.0
2,6-Dinitrotoluene	NA	ug/L	913
3&4-Methylphenol(m&p Cresol)	NA	ug/L	184 I
Benzo(a)pyrene	NA	ug/L	7.2 I
Acetone	NA	ug/L	79.7
Acetonitrile	NA	ug/L	37.9
Benzene	500	ug/L	3.3
cis-1,2-Dichloroethene	NA	ug/L	0.88 I
Dimethylphthalate	NA	ug/L	42.1 I
Ethylbenzene	NA	ug/L	13.1
Phenacetin	NA	ug/L	19.6 I
Phenol	NA	ug/L	106 I
Styrene	NA	ug/L	0.68 I
Toluene	NA	ug/L	9.0
Xylene (Total)	NA	ug/L	21.8
Metals			
Antimony	NA	ug/L	4.1
Arsenic	5,000	ug/L	54.2
Barium	10,000	ug/L	45.8
Beryllium	NA	ug/L	0.52 I
Chromium	5,000	ug/L	94.5
Cobalt	NA	ug/L	17.5
Copper	NA	ug/L	60.4
Iron	NA	ug/L	1760
Lead	5,000	ug/L	7.9 I
Mercury	200	ug/L	1.0
Nickel	NA	ug/L	71.2
Sodium	NA	mg/L	670
Vanadium	NA	ug/L	22.2
Zinc	NA	ug/L	188
General Chemistry			
Alkalinity, Total as CaCO3	NA	mg/L	1840
Chloride	NA	mg/L	700
Cyanide	NA	mg/L	0.013 I
Nitrogen, Ammonia	NA	mg/L	319
Sulfide	NA	mg/L	10.8
Total Dissolved Solids	NA	mg/L	3170
Field Parameters			
pH	NA	Std. Units	8.01
Specific Conductance	NA	umhos/cm	5912
Temperature	NA	deg C	23.12
Oxidation Reduction Potential	NA	mV	-153.5
Oxygen, Dissolved	NA	mg/L	0.20
Turbidity	NA	NTU	23.95

Notes:

- ug/L - micrograms per liter
- mg/L - milligrams per liter
- S.U. - standard units
- umhos/cm - microhomes per centimeter
- deg C - degrees celcius
- NTU = Neuphrtic Turbidity Units
- I = Analyte detected below quantitation level
- "-" = Not analyzed

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

12/10/11

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 2011 (11S2)

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Dear Ms. Stirk:

Submitted herein are the semi-annual chemical analyses data for monitor wells sampled at Tomoka Road Landfill from November 7th through November 18th of 2011. The Pace Analytical Services, Inc. work order numbers for this sampling event are 3542464, 3542615, 3542752, 3542893, 3543012, 3543106, 3543287, 3543458, and 3543582.

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

Florida Department of Environmental Protection

Suite 232 3319 Maguire Boulevard Orlando, Florida 32803

GROUND WATER MONITORING REPORT

Rule 62-522.600 (11)

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GENERAL INFORMATION

Facility Name Tomoka Farms Road Landfill
Address 1990 Tomoka Farms Road
City Daytona Beach Zip 32124 Country U.S.
Telephone Number (386) 947-2952
Facility WACS Number 64-00027540
DEP Permit Number S064-198377
Authorized Representative's Name Leonard Marion Title Director of Solid Waste
Address 3151 E. New York Ave.
City Deland Zip 32724 Country _____
Telephone Number (386) 943-7889
Type of Discharge Settling with surface water discharge to an unnamed wetlands
Method of Discharge Ditch pump

CERTIFICATION

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

2-17-12
Date

Leonard J. Marion
Owner or Authorized Representative's Signature

QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Comp QAP # 860198
Analytical Lab Comp QAP #/ HRS Certification E83079
Lab Name PACE Analytical Services, Inc.
Address 8 East Tower Circle, Ormond Beach, Florida 32174
Phone Number (386) 672-5668

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Tomoka Farms Road LF SEMI-ANNUAL ANALYTICAL REPORT Fall 2011 (11S2)

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 2011 (11S2)**

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COMPARSION REPORT OF GUIDANCE EXCEEDENCES

FDEP Automated Data Evaluation

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

Sample ID: B1-B

Sample Date: 11/11/2011 13:4

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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	21900		20	40	300	ug/L	73	
Residues- Filterable (TDS)	TOT	804		10	10	500	mg/L	1.6	

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FDEP Automated Data Evaluation

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Sample ID: B2

Sample Date: 11/9/2011 12:30

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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	37700		20	40	300	ug/L	126	
Residues- Filterable (TDS)	TOT	662		5	5	500	mg/L	1.3	
Sulfate	TOT	308		25	50	250	mg/L	1.2	

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FDEP Automated Data Evaluation

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Sample ID: B32

Sample Date: 11/9/2011 14:08

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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	4660	20	40	300	ug/L		16	

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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: 11/9/2011 13:22

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	8190	20	40	300	ug/L		27	

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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: 11/9/2011 12:19

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	5360	20	40	300	ug/L		18	
Residues- Filterable (TDS)	TOT	1000	10	10	500	mg/L		2	
Sodium	TOT	170	0.5	1	160	mg/L		1.1	

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FDEP Automated Data Evaluation

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Sample ID: B34-1

Sample Date: 11/14/2011 13:1

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	21100		20	40	300	ug/L	70	
Residues- Filterable (TDS)	TOT	675		5	5	500	mg/L	1.4	

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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: 11/9/2011 14:49 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	10500		20	40	300	ug/L	35	

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FDEP Automated Data Evaluation

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

Sample ID: B35-2

Sample Date: 11/9/2011 15:21

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	18100		20	40	300	ug/L	60	

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FDEP Automated Data Evaluation

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

Sample ID: B36

Sample Date: 11/14/2011 12:0

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Benzene	TOT	2.5	0.5	1	1	1	ug/L	2.5	
Iron	TOT	4590	20	40	300	300	ug/L	15	
Residues- Filterable (TDS)	TOT	1080	10	10	500	500	mg/L	2.2	

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FDEP Automated Data Evaluation

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Sample ID: B37-1

Sample Date: 11/14/2011 10:3

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	Units	Exceeds By	Comment:
Benzene	TOT	12.1	0.5	1		1	ug/L	12	
Iron	TOT	37600	20	40		300	ug/L	125	
Residues- Filterable (TDS)	TOT	1570	20	20		500	mg/L	3.1	
Sodium	TOT	236	0.5	1		160	mg/L	1.5	

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FDEP Automated Data Evaluation

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Sample ID: B37-1 DUP

Sample Date: 11/14/2011 10:3

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Benzene	TOT	9.8	0.5	1	1	1	ug/L	9.8	
Iron	TOT	37800	20	40	300	300	ug/L	126	
Residues- Filterable (TDS)	TOT	1560	20	20	500	500	mg/L	3.1	
Sodium	TOT	236	0.5	1	160	160	mg/L	1.5	

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FDEP Automated Data Evaluation

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Sample ID: B37-2

Sample Date: 11/14/2011 11:1

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	8140	20	40	300	ug/L		27	

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FDEP Automated Data Evaluation

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Sample ID: B38-1

Sample Date: 11/14/2011 13:3

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment</u>
Iron	TOT	19700		20	40	300	ug/L	66	

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Sample ID: B38-2

Sample Date: 11/14/2011 14:1

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.

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

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FDEP Automated Data Evaluation

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

Sample ID: B39

Sample Date: 11/14/2011 14:4

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	5320	20	40	300	ug/L		18	

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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: 11/11/2011 10:1

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	14700		20	40	300	ug/L	49	

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

Sample ID: B40-1 DUP Sample Date: 11/11/2011 10:1 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	14500		20	40	300	ug/L	48	

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FDEP Automated Data Evaluation

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Sample ID: B40-2

Sample Date: 11/11/2011 11:0

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	1140	20	40	300	ug/L		3.8	
Residues- Filterable (TDS)	TOT	564	5	5	500	mg/L		1.1	

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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: 11/10/2011 15:2

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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Benzene	TOT	2.1	0.5	1		1	ug/L	2.1	
Iron	TOT	22500	20	40		300	ug/L	75	
Residues- Filterable (TDS)	TOT	2560	20	20		500	mg/L	5.1	
Sodium	TOT	168	0.5	1		160	mg/L	1.1	

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Sample ID: B41-2

Sample Date: 11/11/2011 12:4

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	1540	20	40	300	ug/L		5.1	
Residues- Filterable (TDS)	TOT	750	10	10	500	mg/L		1.5	

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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: 11/11/2011 15:1

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment</u>
Iron	TOT	17400		20	40	300	ug/L	58	
Residues- Filterable (TDS)	TOT		716	10	10	500	mg/L	1.4	
Sulfate	TOT	280		12.5	25	250	mg/L	1.1	

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FDEP Automated Data Evaluation

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

Sample ID: B42-2

Sample Date: 11/11/2011 14:3

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	573	20	40	300	ug/L	1.9		

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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: 11/10/2011 14:1

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Benzene	TOT	1.4	0.5	1	1	ug/L	1.4		
Iron	TOT	20300	20	40	300	ug/L	68		
Residues- Filterable (TDS)	TOT	1940	20	20	500	mg/L	3.9		

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FDEP Automated Data Evaluation

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

Sample ID: B43-1 DUP

Sample Date: 11/10/2011 14:1

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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Benzene	TOT	1.4	0.5	1	1	ug/L	1.4		
Iron	TOT	20200	20	40	300	ug/L	67		
Residues- Filterable (TDS)	TOT	1670	20	20	500	mg/L	3.3		

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FDEP Automated Data Evaluation

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Sample ID: B43-2

Sample Date: 11/17/2011 11:4

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	784	20	40	300	ug/L	2.6		

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FDEP Automated Data Evaluation

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Sample ID: B44

Sample Date: 11/17/2011 12:1

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	9570	20	40	300	ug/L		32	

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FDEP Automated Data Evaluation

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Sample ID: B45-2

Sample Date: 11/10/2011 11:2

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	4360	20	40	300	ug/L		15	
Residues- Filterable (TDS)	TOT	1020	20	20	500	mg/L		2	

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FDEP Automated Data Evaluation

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Sample ID: B59-1R

Sample Date: 11/17/2011 13:0

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	4560	20	40	300	ug/L		15	

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FDEP Automated Data Evaluation

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Sample ID: B59-1R DUP Sample Date: 11/17/2011 13:0 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	4500		20	40	300	ug/L	15	

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	Units	Comment:
1,2-Dibromoethane	TOT	0.072	U	0.072	0.12	0.02	ug/L	

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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: 11/17/2011 13:4 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	11800		20	40	300	ug/L	39	
Residues- Filterable (TDS)	TOT	630		5	5	500	mg/L	1.3	

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FDEP Automated Data Evaluation

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

Sample ID: B60

Sample Date: 11/9/2011 9:58

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	3660	20	40	300	ug/L		12	

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FDEP Automated Data Evaluation

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

Sample ID: B60 DUP

Sample Date: 11/9/2011 9:58

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment</u>
Iron	TOT	3840	20	40	300	ug/L	13		

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FDEP Automated Data Evaluation

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

Sample ID: B61R

Sample Date: 11/16/2011 10:0

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment</u>
Iron	TOT	19400	20	40	300	ug/L	65		
Residues- Filterable (TDS)	TOT	644	10	10	500	mg/L	1.3		

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FDEP Automated Data Evaluation

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

Sample ID: B62-1R

Sample Date: 11/16/2011 10:5

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	24000	J	20	40	300	ug/L	80	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
Residues- Filterable (TDS)	TOT	1290		20	20	500	mg/L	2.6	
Sodium	TOT	223	J	0.5	1	160	mg/L	1.4	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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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: 11/17/2011 10:2

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	10800		20	40	300	ug/L	36	
Residues- Filterable (TDS)	TOT	830		10	10	500	mg/L	1.7	

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FDEP Automated Data Evaluation

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

Sample ID: B63-1

Sample Date: 11/9/2011 13:17

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment</u>
Iron	TOT	2560	20	40	300	ug/L	8.5		

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

Sample ID: B63-2

Sample Date: 11/9/2011 13:45

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	8330	20	40	300	ug/L		28	

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FDEP Automated Data Evaluation

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

Sample ID: B64

Sample Date: 11/14/2011 12:4

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	22900		20	40	300	ug/L	76	
Residues- Filterable (TDS)	TOT		524	5	5	500	mg/L	1	

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FDEP Automated Data Evaluation

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

Sample ID: B65

Sample Date: 11/11/2011 11:5

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	2040	20	40	300	ug/L		6.8	
Residues- Filterable (TDS)	TOT	511	5	5	500	mg/L		1	

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FDEP Automated Data Evaluation

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

Sample ID: B68

Sample Date: 11/9/2011 10:18

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	21400		20	40	300	ug/L	71	

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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: 11/8/2011 10:28

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	5140	20	40	300	ug/L	17		

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FDEP Automated Data Evaluation

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

Sample ID: B70-1 DUP

Sample Date: 11/8/2011 10:42

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	5400		20	40	300	ug/L	18	

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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: 11/8/2011 11:20 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	9790	20	40	300	ug/L		33	

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FDEP Automated Data Evaluation

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

Sample ID: B71

Sample Date: 11/8/2011 12:03

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	6480		20	40	300	ug/L	22	

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FDEP Automated Data Evaluation

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

Sample ID: B72

Sample Date: 11/8/2011 13:02

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	2810	20	40	300	ug/L	9.4		

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FDEP Automated Data Evaluation

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Sample ID: B73-1

Sample Date: 11/8/2011 14:03

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment</u>
Iron	TOT	14100		20	40	300	ug/L	47	

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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: 11/8/2011 14:34 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	859	20	40	300	ug/L		2.9	

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FDEP Automated Data Evaluation

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

Sample ID: B74

Sample Date: 11/8/2011 15:36

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	798	20	40	300	ug/L	2.7		

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FDEP Automated Data Evaluation

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

Sample ID: B75

Sample Date: 11/8/2011 16:17

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Arsenic	TOT	18.9	5	10	10	10	ug/L	1.9	
Benzene	TOT	2.5	0.5	1	1	1	ug/L	2.5	
Iron	TOT	44200	20	40	300	300	ug/L	147	
Residues- Filterable (TDS)	TOT	796	10	10	500	500	mg/L	1.6	

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FDEP Automated Data Evaluation

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

Sample ID: B8

Sample Date: 11/9/2011 11:00

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	675		20	40	300	ug/L	2.3	

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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: 11/9/2011 11:47

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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	Units	Exceeds By	Comment:
Iron	TOT	29800	20	40	300	ug/L		99	
Residues- Filterable (TDS)	TOT	876	10	10	500	mg/L		1.8	

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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: 11/14/2011 11:4

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	504	20	40	300	ug/L		1.7	

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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: 11/14/2011 14:2

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	1670	20	40	300	ug/L	5.6		

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FDEP Automated Data Evaluation

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

Sample ID: F-MB

Sample Date: 11/9/2011 16:35

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 22777

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	359	20	40	300	ug/L	1.2		

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FDEP Automated Data Evaluation

This is an automated data review. Please see the Human Review statement on page 9.

Sample ID: L-1

Sample Date: 11/18/2011 10:1

Project Name: TOMOKA FARMS ROAD LANDFILL

Monitoring Site: 15844

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	Units	Exceeds By	Comment:
Arsenic	TOT	54.2	5	10	10	10	ug/L	5.4	
Benzene	TOT	3.3	0.5	1	1	1	ug/L	3.3	
Benzo(a)pyrene	TOT	7.2	6.6	47.2	0.2	0.2	ug/L	36	
Chloride	TOT	700	50	100	250	250	mg/L	2.8	
Iron	TOT	1760	20	40	300	300	ug/L	5.9	
Phenol	TOT	106	6.6	236	10	10	ug/L	11	
Residues- Filterable (TDS)	TOT	3170	50	50	500	500	mg/L	6.3	
Sodium	TOT	670	5	10	160	160	mg/L	4.2	Sample was diluted due to the presence of high target analytes.
Xylenes- Total	TOT	21.8	0.5	1	20	20	ug/L	1.1	
Xylenes- Total	TOT	21.8	0.5	1	20	20	ug/L	1.1	

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	Units	Comment:
1,2,4,5-Tetrachlorobenzene	TOT	69.4	U	69.4	236	4	ug/L	
1,3-Dichlorobenzene	TOT	69.9	U	69.9	236	10	ug/L	
2,4,5-Trichlorophenol	TOT	8	U	8	189	4	ug/L	
2,4-Dichlorophenol	TOT	9	U	9	94.4	4	ug/L	
2,4-Dinitrophenol	TOT	52.4	U	52.4	944	30	ug/L	
2,6-Dichlorophenol	TOT	10.9	U	10.9	189	4	ug/L	
2-Nitroaniline	TOT	9.4	U	9.4	236	7.5	ug/L	
3,3'-Dichlorobenzidine	TOT	9.4	U	9.4	472	7.5	ug/L	
4-Bromophenyl phenyl ether	TOT	11.8	U	11.8	236	10	ug/L	
4-Chlorophenyl phenyl ether	TOT	89.7	U	89.7	236	10	ug/L	

FDEP Automated Data Evaluation

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

Sample ID: L-1

Sample Date: 11/18/2011 10:1

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 15844

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	Units	Comment:
4-Nitrophenol	TOT	36.8	U	36.8	944	15	ug/L	
Acenaphthylene	TOT	83.1	U	83.1	236	10	ug/L	
Benzo(a)anthracene	TOT	85.9	U	85.9	236	4	ug/L	
Benzo(b)fluoranthene	TOT	86.9	U	86.9	94.4	4	ug/L	
Benzo(g,h,i)perylene	TOT	85	U	85	236	10	ug/L	
Benzo(k)fluoranthene	TOT	5.2	U	5.2	189	4	ug/L	
Bis(2-chloroethyl)ether	TOT	9.9	U	9.9	189	1.5	ug/L	
Bis(2-chloroisopropyl)ether	TOT	12.3	U	12.3	236	7.5	ug/L	
Bis(2-ethylhexyl)phthalate	TOT	45.8	U	45.8	236	6	ug/L	
Chrysene	TOT	8.5	U	8.5	236	5	ug/L	
Diallate	TOT	9.9	U	9.9	236	0.57	ug/L	
Dibenzo(a,h)anthracene	TOT	85.9	U	85.9	94.4	7.5	ug/L	
Hexachlorobenzene	TOT	9	U	9	47.2	1	ug/L	
Hexachlorocyclopentadiene	TOT	51.5	U	51.5	236	50	ug/L	
Hexachloroethane	TOT	11.3	U	11.3	236	10	ug/L	
Indeno(1,2,3-cd)pyrene	TOT	86.9	U	86.9	94.4	7.5	ug/L	
Naphthalene	TOT	9.4	U	9.4	236	6.8	ug/L	
Nitrobenzene	TOT	19.4	U	19.4	189	9.5	ug/L	
N-Nitrosodibutylamine	TOT	10.4	U	10.4	189	4	ug/L	
N-Nitrosodiethylamine	TOT	10.4	U	10.4	189	4	ug/L	
N-Nitrosodi-n-propylamine	TOT	12.3	U	12.3	189	4	ug/L	
N-Nitrosomethylethylamine	TOT	16	U	16	236	7.5	ug/L	

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FDEP Automated Data Evaluation

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

Sample ID: L-1

Sample Date: 11/18/2011 10:1

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 15844

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
N-Nitrosopyrrolidine	TOT	10.4 U	10.4	236	4	ug/L		
Pentachlorobenzene	TOT	9.4 U	9.4	236	5.6	ug/L		

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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: 11/14/2011 15:4

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	13200		20	40	300	ug/L	44	
Residues- Filterable (TDS)	TOT	976		10	10	500	mg/L	2	

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FDEP Automated Data Evaluation

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

Sample ID: SW-12

Sample Date: 11/7/2011 12:45

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 19799

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	348	20	40	300	ug/L	1.2		

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FDEP Automated Data Evaluation

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Sample ID: SW-2

Sample Date: 11/7/2011 10:25

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 15831

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	735	20	40	300	ug/L	2.5		

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FDEP Automated Data Evaluation

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

Sample ID: SW-2 DUP

Sample Date: 11/7/2011 10:25

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 15831

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	770	20	40	300	ug/L	2.6		

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FDEP Automated Data Evaluation

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

Sample ID: SW-3

Sample Date: 11/7/2011 10:00

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 15832

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
Iron	TOT	702	20	40	300	ug/L	2.3		

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FDEP Automated Data Evaluation

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

Sample ID: SW-4

Sample Date: 11/7/2011 11:00

Project Name: TOMOKA FARMS ROAD
LANDFILL

Monitoring Site: 15833

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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Exceeds By</u>	<u>Comment:</u>
1,1,2,2-Tetrachloroethane	TOT	0.86	0.12	0.5	0.2	ug/L		4.3	
Iron	TOT	940	20	40	300	ug/L		3.1	

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FDEP Automated Data Evaluation

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

Sample ID: Trip Blank (11/10/11) Sample Date: 11/10/2011 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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		

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FDEP Automated Data Evaluation

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

Sample ID: Trip Blank (11/11/11)

Sample Date: 11/11/2011 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
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	

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FDEP Automated Data Evaluation

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

Sample ID: Trip Blank (11/14/11) Sample Date: 11/14/2011 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
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	

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FDEP Automated Data Evaluation

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

Sample ID: Trip blank (11/16/11)

Sample Date: 11/16/2011 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
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	

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FDEP Automated Data Evaluation

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

Sample ID: Trip blank (11/17/11) Sample Date: 11/17/2011 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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	

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FDEP Automated Data Evaluation

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

Sample ID: Trip blank (11/18/11)

Sample Date: 11/18/2011 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.

Parameter Name	Fraction	Rslt	Qual	MDL	PQL	Criterion	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	

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FDEP Automated Data Evaluation

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Sample ID: Trip Blank (11/7/11) Sample Date: 11/7/2011 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
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		

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FDEP Automated Data Evaluation

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

Sample ID: Trip Blank (11/8/11)

Sample Date: 11/8/2011 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
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	

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FDEP Automated Data Evaluation

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

Sample ID: Trip Blank (11/9/11)

Sample Date: 11/9/2011 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.

<u>Parameter Name</u>	<u>Fraction</u>	<u>Rslt</u>	<u>Qual</u>	<u>MDL</u>	<u>PQL</u>	<u>Criterion</u>	<u>Units</u>	<u>Comment:</u>
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		

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**MONITOR WELL WATER LEVEL
TOMOKA FARMS ROAD LANDFILL**

Current month collection date: 11/17/2011
 Sampled by: J.S.

Well ID	Survey (TOC Elevation)	November	November	November	May	November
		2011	2011	2011	2011	2010
	Total well depth(TOC)	Depth to water	Water Level	Water Level	Water Level	Water Level
B1-B	27.31	35.80	9.59	17.72	14.45	15.96
B-2	31.81	27.30	7.25	24.56	23.39	23.17
B-5	32.66	25.42	4.91	27.75	25.93	25.78
B8	33.02	47.91	14.12	18.90	16.00	17.57
B8-2	33.30	33.21	6.22	27.08	25.28	25.43
B11	30.63	16.80	4.62	26.01	23.76	23.73
B-32	30.51	31.25	3.55	26.96	25.04	24.99
333-1	32.82	39.52	6.80	26.02	23.09	23.49
333-2	32.10	17.76	4.04	28.06	24.83	25.16
334-1	31.18	34.21	3.65	27.53	24.87	25.18
334-2	31.21	17.00	1.79	29.42	25.48	25.43
335-1	29.29	33.90	1.95	27.34	25.07	25.49
335-2	29.36	17.69	1.60	27.76	24.92	25.54
B36	29.27	34.35	1.53	27.74	25.42	24.16
337-1	28.59	37.70	1.65	26.94	25.31	25.40
337-2	28.72	16.92	1.15	27.57	25.43	25.67
338-1	28.22	39.45	4.16	24.06	21.01	22.81
338-2	28.08	17.50	1.77	26.31	22.85	23.18
B39	29.06	17.69	5.63	23.43	18.72	19.48
340-1	27.64	29.55	6.98	20.66	16.61	17.75
340-2	27.68	17.40	4.80	22.88	17.41	18.35
341-1	29.14	38.25	10.25	18.89	15.60	17.12
341-2	29.26	17.78	6.32	22.94	17.00	17.14
342-1	28.50	31.60	9.27	19.23	15.80	17.30
342-2	28.36	14.85	5.43	22.93	16.76	17.94
343-1	28.07	28.96	6.10	21.97	19.39	20.29
343-2	28.21	14.74	6.01	22.20	19.43	20.37
B44	30.02	14.61	6.96	23.06	21.15	21.99
345-1	30.24	37.28	6.81	23.43	21.82	22.28
345-2	30.31	17.61	6.95	23.36	21.83	22.29
358-1	29.02	N/A	N/A	N/A	N/A	N/A
358-2	29.57	N/A	N/A	N/A	N/A	N/A
59-1R	27.77	35.10	7.84	19.93	19.48	18.71
59-2R	27.79	17.81	8.07	19.72	19.39	18.46
B60	28.84	35.71	8.23	20.61	20.23	19.33

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**MONITOR WELL WATER LEVEL
TOMOKA FARMS ROAD LANDFILL**

Current month collection date: 11/7/2011
 Sampled by: J.S.

Well ID	Survey (TOC Elevation)	November 2011		November 2010		May 2011		November 2010	
		Total well depth(TOC)	Depth to water	Water Level	Water Level	Water Level	Water Level	Water Level	Water Level
B61R	39.82	28.76	13.90	25.92	25.29	25.29	24.95	24.95	24.95
B62-1R	39.73	37.58	14.25	25.48	25.00	25.00	24.58	24.58	24.58
B62-2R	39.71	22.05	14.34	25.37	24.88	24.88	24.52	24.52	24.52
B63-1	30.06	30.42	2.52	27.54	25.59	25.59	25.87	25.87	25.87
B63-2	30.42	14.35	2.82	27.60	25.47	25.47	25.74	25.74	25.74
B64	28.19	17.55	1.80	26.39	24.09	24.09	24.54	24.54	24.54
B65	28.04	17.76	5.10	22.94	16.93	16.93	17.60	17.60	17.60
B66	31.27	17.10	6.48	24.79	24.37	24.37	24.02	24.02	24.02
B67	30.22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B68	29.73	35.74	6.92	22.81	21.95	21.95	21.48	21.48	21.48
F-A-1B	32.16	98.18	13.78	18.38	15.10	15.10	17.13	17.13	17.13
F-A-2C	26.90	96.13	13.59	13.31	10.06	10.06	12.26	12.26	12.26
M05-B	29.24	35.80	10.29	18.95	14.58	14.58	16.05	16.05	16.05
370-1	31.03	38.14	10.00	21.03	19.25	19.25	19.51	19.51	19.51
370-2	31.51	21.90	10.17	21.34	19.64	19.64	19.68	19.68	19.68
B71	30.75	21.35	9.43	21.32	19.5	19.5	19.25	19.25	19.25
B72	28.93	21.72	7.62	21.31	19.38	19.38	18.85	18.85	18.85
373-1	29.20	37.31	8.27	20.93	18.4	18.4	18.39	18.39	18.39
373-2	28.95	20.30	7.57	21.38	19.08	19.08	18.9	18.9	18.9
B74	33.78	21.42	14.45	19.33	18.55	18.55	18.36	18.36	18.36
B75	31.62	20.82	11.60	20.02	19.1	19.1	18.87	18.87	18.87
F-MB	33.88	101.10	16.30	17.58	14.61	14.61	16.44	16.44	16.44

Well ID	November 2011		May 2011		November 2010	
	Staff Gauge	Staff Gauge	Staff Gauge	Staff Gauge	Staff Gauge	Staff Gauge
SW-1	4.78	4.76	4.76	4.78		
SW-2	2.90	1.96	1.96	1.9		
SW-3	1.94	N/A	N/A	N/A		
SW-4	1.18	N/A	N/A	N/A		
SW-5	N/A	2.90	2.90	N/A		
SW-11	2.50	1.1	1.1	1.19		
SW-12	N/A	2.70	2.70	2.1		

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November 18, 2011

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.: 3542464

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 07, 2011. 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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888

North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

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REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3542464001	Equipment Blank (11/7/11)	Water	11/07/11 09:45	11/07/11 14:45
3542464002	SW-3	Water	11/07/11 10:00	11/07/11 14:45
3542464003	SW-2	Water	11/07/11 10:25	11/07/11 14:45
3542464004	SW-2 DUP	Water	11/07/11 10:25	11/07/11 14:45
3542464005	SW-4	Water	11/07/11 11:00	11/07/11 14:45
3542464006	SW-5	Water	11/07/11 11:40	11/07/11 14:45
3542464007	SW-1	Water	11/07/11 12:15	11/07/11 14:45
3542464008	SW-12	Water	11/07/11 12:45	11/07/11 14:45
3542464009	SW-11	Water	11/07/11 13:20	11/07/11 14:45
3542464010	Trip Blank (11/7/11)	Water	11/07/11 08:00	11/07/11 14:45

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REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
3542464001	Equipment Blank (11/7/11)	EPA 1631E	GMW	1	PASI-G		
		EPA 8011	JLR	2	PASI-O		
		EPA 6010	IST	10	PASI-O		
		EPA 6020	DRS	8	PASI-O		
		SM 9222D	AIS	1	PASI-O		
		EPA 8260	SK	49	PASI-O		
		SM 2540C	MMD	1	PASI-O		
		SM 2540D	MMD	1	PASI-O		
		SM 5210B	KDM	1	PASI-O		
		SM10200	LAJ	1	PASI-O		
		TKN+NOx Calculation	AMD	1	PASI-O		
		EPA 300.0	LAJ	1	PASI-O		
		EPA 350.1	SOA	1	PASI-O		
		EPA 351.2	MBS	1	PASI-O		
		EPA 353.2	MBS	1	PASI-O		
		EPA 365.4	MBS	1	PASI-O		
		EPA 410.4	AAM	1	PASI-O		
		SM 5310B	AIS	1	PASI-O		
		3542464002	SW-3	EPA 1631E	GMW	1	PASI-G
					JSB	6	PASI-O
EPA 8011	JLR			2	PASI-O		
EPA 6010	IST			10	PASI-O		
EPA 6020	DRS			8	PASI-O		
SM 9222D	AIS			1	PASI-O		
EPA 8260	SK			49	PASI-O		
SM 2540C	MMD			1	PASI-O		
SM 2540D	MMD			1	PASI-O		
SM 5210B	KDM			1	PASI-O		
SM10200	LAJ			1	PASI-O		
TKN+NOx Calculation	AMD			1	PASI-O		
EPA 300.0	LAJ			1	PASI-O		
EPA 350.1	SOA			2	PASI-O		
EPA 351.2	MBS			1	PASI-O		
EPA 353.2	MBS			1	PASI-O		
EPA 365.4	MBS			1	PASI-O		
EPA 410.4	AAM			1	PASI-O		
SM 5310B	AIS			1	PASI-O		

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542464003	SW-2	EPA 1631E	GMW	1	PASI-G
			JSB	6	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	AIS	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		SM 2540D	MMD	1	PASI-O
		SM 5210B	KDM	1	PASI-O
		SM10200	LAJ	1	PASI-O
		TKN+NOx Calculation	AMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	2	PASI-O
		EPA 351.2	MBS	1	PASI-O
		EPA 353.2	MBS	1	PASI-O
		EPA 365.4	MBS	1	PASI-O
		EPA 410.4	AAM	1	PASI-O
		SM 5310B	AIS	1	PASI-O
		3542464004	SW-2 DUP	EPA 1631E	GMW
	JSB			6	PASI-O
EPA 8011	JLR			2	PASI-O
EPA 6010	IST			10	PASI-O
EPA 6020	DRS			8	PASI-O
SM 9222D	AIS			1	PASI-O
EPA 8260	SK			49	PASI-O
SM 2540C	MMD			1	PASI-O
SM 2540D	MMD			1	PASI-O
SM 5210B	KDM			1	PASI-O
SM10200	LAJ			1	PASI-O
TKN+NOx Calculation	AMD			1	PASI-O
EPA 300.0	LAJ			1	PASI-O
EPA 350.1	SOA			2	PASI-O
EPA 351.2	MBS			1	PASI-O
EPA 353.2	MBS			1	PASI-O
EPA 365.4	MBS			1	PASI-O
EPA 410.4	AAM			1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542464005	SW-4	SM 5310B	AIS	1	PASI-O
		EPA 1631E	GMW	1	PASI-G
			JSB	6	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	AIS	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		SM 2540D	MMD	1	PASI-O
		SM 5210B	KDM	1	PASI-O
		SM10200	LAJ	1	PASI-O
		TKN+NOx Calculation	AMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	2	PASI-O
		EPA 351.2	MBS	1	PASI-O
		EPA 353.2	MBS	1	PASI-O
EPA 365.4	MBS	1	PASI-O		
EPA 410.4	AAM	1	PASI-O		
SM 5310B	AIS	1	PASI-O		
3542464006	SW-5	EPA 1631E	GMW	1	PASI-G
			JSB	6	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	AIS	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		SM 2540D	MMD	1	PASI-O
		SM 5210B	KDM	1	PASI-O
		SM10200	LAJ	1	PASI-O
		TKN+NOx Calculation	AMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	2	PASI-O
		EPA 351.2	MBS	1	PASI-O
		EPA 353.2	MBS	1	PASI-O
		EPA 365.4	MBS	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542464007	SW-1	EPA 410.4	AAM	1	PASI-O
		SM 5310B	AIS	1	PASI-O
		EPA 1631E	GMW	1	PASI-G
			JSB	6	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	AIS	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		SM 2540D	MMD	1	PASI-O
		SM 5210B	KDM	1	PASI-O
		SM10200	LAJ	1	PASI-O
		TKN+NOx Calculation	AMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	2	PASI-O
		EPA 351.2	MBS	1	PASI-O
		EPA 353.2	MBS	1	PASI-O
		EPA 365.4	MBS	1	PASI-O
EPA 410.4	AAM	1	PASI-O		
3542464008	SW-12	SM 5310B	AIS	1	PASI-O
		EPA 1631E	GMW	1	PASI-G
			JSB	6	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	AIS	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		SM 2540D	MMD	1	PASI-O
		SM 5210B	KDM	1	PASI-O
		SM10200	LAJ	1	PASI-O
		TKN+NOx Calculation	AMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	2	PASI-O
		EPA 351.2	MBS	1	PASI-O
		EPA 353.2	MBS	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542464009	SW-11	EPA 365.4	MBS	1	PASI-O
		EPA 410.4	AAM	1	PASI-O
		SM 5310B	AIS	1	PASI-O
		EPA 1631E	GMW	1	PASI-G
			JSB	6	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	10	PASI-O
		EPA 6020	DRS	8	PASI-O
		SM 9222D	AIS	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		SM 2540D	MMD	1	PASI-O
		SM 5210B	KDM	1	PASI-O
		SM10200	LAJ	1	PASI-O
		TKN+NOx Calculation	AMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	2	PASI-O
EPA 351.2	MBS	1	PASI-O		
EPA 353.2	MBS	1	PASI-O		
EPA 365.4	MBS	1	PASI-O		
EPA 410.4	AAM	1	PASI-O		
SM 5310B	AIS	1	PASI-O		
3542464010	Trip Blank (11/7/11)	EPA 8260	SK	51	PASI-O

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REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542464001	Equipment Blank (11/7/11)					
EPA 8260	Acetone	5.2 l	ug/L	10.0	11/15/11 09:07	
3542464002	SW-3					
EPA 1631E	Mercury	0.00575	ug/L	0.00050	11/16/11 08:01	
	Field pH	4.83	Std. Units		11/07/11 10:00	
	Field Temperature	22.10	deg C		11/07/11 10:00	
	Appearance	Color:			11/07/11 10:00	
		Yellow,				
		Sheen:				
		None				
	Field Specific Conductance	419	umhos/cm		11/07/11 10:00	
	Oxygen, Dissolved	2.26	mg/L		11/07/11 10:00	
	Turbidity	0.82	NTU		11/07/11 10:00	
EPA 6010	Barium	27.6	ug/L	10.0	11/09/11 04:36	
EPA 6010	Iron	702	ug/L	40.0	11/09/11 04:36	
EPA 6010	Sodium	29.7	mg/L	1.0	11/09/11 04:36	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	134	mg/L	3.2	11/09/11 04:36	
SM 9222D	Fecal Coliforms	8.0	CFU/100 mL	2.0	11/08/11 14:20	
SM 2540C	Total Dissolved Solids	290	mg/L	5.0	11/08/11 09:50	
SM 5210B	BOD, 5 day	2.5	mg/L	2.0	11/14/11 12:13	
SM10200	Chlorophyll a	3.2	ug/L	1.0	11/15/11 15:03	
TKN+NOx Calculation	Total Nitrogen	1.7	mg/L	0.50	11/16/11 11:39	
EPA 350.1	Nitrogen, Ammonia	0.025 l	mg/L	0.050	11/15/11 10:30	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.7	mg/L	0.50	11/09/11 12:40	
EPA 365.4	Phosphorus, Total (as P)	0.17	mg/L	0.10	11/09/11 12:40	
EPA 410.4	Chemical Oxygen Demand	113	mg/L	20.0	11/08/11 14:42	
SM 5310B	Total Organic Carbon	30.2	mg/L	1.0	11/10/11 19:22	
3542464003	SW-2					
EPA 1631E	Mercury	0.00105	ug/L	0.00050	11/16/11 08:05	
	Field pH	6.08	Std. Units		11/07/11 10:25	
	Field Temperature	21.32	deg C		11/07/11 10:25	
	Appearance	Color:			11/07/11 10:25	
		Yellow,				
		Sheen:				
		None				
	Field Specific Conductance	539	umhos/cm		11/07/11 10:25	
	Oxygen, Dissolved	6.67	mg/L		11/07/11 10:25	
	Turbidity	1.69	NTU		11/07/11 10:25	
EPA 6010	Barium	34.6	ug/L	10.0	11/09/11 04:40	
EPA 6010	Iron	735	ug/L	40.0	11/09/11 04:40	
EPA 6010	Sodium	42.5	mg/L	1.0	11/09/11 04:40	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	173	mg/L	3.2	11/09/11 04:40	
SM 9222D	Fecal Coliforms	4.0	CFU/100 mL	2.0	11/08/11 14:20	
SM 2540C	Total Dissolved Solids	329	mg/L	5.0	11/08/11 09:50	
SM 5210B	BOD, 5 day	2.8	mg/L	2.0	11/14/11 12:15	
SM10200	Chlorophyll a	39.6	ug/L	1.0	11/15/11 15:03	
TKN+NOx Calculation	Total Nitrogen	1.3	mg/L	0.50	11/16/11 11:39	
EPA 300.0	Nitrate as N	0.15	mg/L	0.050	11/08/11 11:27	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542464003	SW-2					
EPA 350.1	Nitrogen, Ammonia	0.020U	mg/L	0.050	11/15/11 10:31	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.2	mg/L	0.50	11/09/11 12:42	
EPA 353.2	Nitrogen, NO2 plus NO3	0.043 l	mg/L	0.050	11/08/11 10:35	
EPA 410.4	Chemical Oxygen Demand	62.5	mg/L	20.0	11/08/11 14:42	
SM 5310B	Total Organic Carbon	18.3	mg/L	1.0	11/10/11 19:37	
3542464004	SW-2 DUP					
EPA 1631E	Mercury	0.00107	ug/L	0.00050	11/16/11 08:10	
	Field pH	6.08	Std. Units		11/07/11 10:25	
	Field Temperature	21.32	deg C		11/07/11 10:25	
	Appearance	Color:			11/07/11 10:25	
		Yellow,				
		Sheen:				
		None				
	Field Specific Conductance	539	umhos/cm		11/07/11 10:25	
	Oxygen, Dissolved	6.67	mg/L		11/07/11 10:25	
	Turbidity	1.69	NTU		11/07/11 10:25	
EPA 6010	Barium	33.2	ug/L	10.0	11/09/11 04:44	
EPA 6010	Iron	770	ug/L	40.0	11/09/11 04:44	
EPA 6010	Sodium	42.0	mg/L	1.0	11/09/11 04:44	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	172	mg/L	3.2	11/09/11 04:44	
SM 9222D	Fecal Coliforms	6.0	CFU/100 mL	2.0	11/08/11 14:20	
SM 2540C	Total Dissolved Solids	331	mg/L	5.0	11/08/11 09:50	
SM 5210B	BOD, 5 day	2.7	mg/L	2.0	11/14/11 12:16	
SM10200	Chlorophyll a	35.4	ug/L	1.0	11/15/11 15:03	
TKN+NOx Calculation	Total Nitrogen	1.2	mg/L	0.50	11/16/11 11:39	
EPA 300.0	Nitrate as N	0.15	mg/L	0.050	11/08/11 11:39	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.2	mg/L	0.50	11/09/11 12:43	
EPA 353.2	Nitrogen, NO2 plus NO3	0.044 l	mg/L	0.050	11/08/11 10:36	
EPA 410.4	Chemical Oxygen Demand	59.8	mg/L	20.0	11/08/11 14:42	
SM 5310B	Total Organic Carbon	18.0	mg/L	1.0	11/10/11 19:55	
3542464005	SW-4					
EPA 1631E	Mercury	0.00597	ug/L	0.00050	11/16/11 08:15	
	Field pH	6.85	Std. Units		11/07/11 11:00	
	Field Temperature	22.01	deg C		11/07/11 11:00	
	Appearance	Color:			11/07/11 11:00	
		Yellow,				
		Sheen:				
		Present				
	Field Specific Conductance	531	umhos/cm		11/07/11 11:00	
	Oxygen, Dissolved	2.21	mg/L		11/07/11 11:00	
	Turbidity	1.39	NTU		11/07/11 11:00	
EPA 6010	Barium	27.5	ug/L	10.0	11/09/11 04:48	
EPA 6010	Iron	940	ug/L	40.0	11/09/11 04:48	
EPA 6010	Sodium	43.0	mg/L	1.0	11/09/11 04:48	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	153	mg/L	3.2	11/09/11 04:48	
EPA 6010	Zinc	19.6 l	ug/L	20.0	11/09/11 04:48	
SM 9222D	Fecal Coliforms	278	CFU/100 mL	2.0	11/08/11 14:20	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542464005	SW-4					
EPA 8260	1,1,2,2-Tetrachloroethane	0.86	ug/L	0.50	11/15/11 16:16	
SM 2540C	Total Dissolved Solids	372	mg/L	5.0	11/08/11 09:51	
SM 2540D	Total Suspended Solids	99.5	mg/L	5.0	11/09/11 11:00	
SM 5210B	BOD, 5 day	2.4	mg/L	2.0	11/14/11 12:18	
SM10200	Chlorophyll a	3.6	ug/L	1.0	11/15/11 15:03	
TKN+NOx Calculation	Total Nitrogen	1.8	mg/L	0.50	11/16/11 11:39	
EPA 350.1	Nitrogen, Ammonia	0.064	mg/L	0.050	11/15/11 10:35	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.8	mg/L	0.50	11/09/11 12:44	
EPA 365.4	Phosphorus, Total (as P)	0.20	mg/L	0.10	11/09/11 12:44	
EPA 410.4	Chemical Oxygen Demand	114	mg/L	20.0	11/08/11 14:42	
SM 5310B	Total Organic Carbon	31.6	mg/L	2.0	11/10/11 20:11	
3542464006	SW-5					
EPA 1631E	Mercury	0.000651	ug/L	0.00050	11/16/11 08:20	
	Field pH	5.94	Std. Units		11/07/11 11:40	
	Field Temperature	21.89	deg C		11/07/11 11:40	
	Appearance	Color:			11/07/11 11:40	
		Yellow,				
		Sheen:				
		None				
	Field Specific Conductance	574	umhos/cm		11/07/11 11:40	
	Oxygen, Dissolved	8.76	mg/L		11/07/11 11:40	
	Turbidity	2.23	NTU		11/07/11 11:40	
EPA 6010	Barium	44.6	ug/L	10.0	11/09/11 04:52	
EPA 6010	Iron	375	ug/L	40.0	11/09/11 04:52	
EPA 6010	Sodium	43.3	mg/L	1.0	11/09/11 04:52	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	189	mg/L	3.2	11/09/11 04:52	
SM 9222D	Fecal Coliforms	8.0	CFU/100 mL	2.0	11/08/11 14:20	
SM 2540C	Total Dissolved Solids	364	mg/L	5.0	11/08/11 09:51	
SM 5210B	BOD, 5 day	2.0	mg/L	2.0	11/14/11 12:19	
SM10200	Chlorophyll a	6.4	ug/L	1.0	11/15/11 15:03	
TKN+NOx Calculation	Total Nitrogen	3.6	mg/L	0.50	11/16/11 11:39	
EPA 300.0	Nitrate as N	1.5	mg/L	0.050	11/08/11 12:03	
EPA 350.1	Nitrogen, Ammonia	0.33	mg/L	0.050	11/15/11 10:36	
EPA 351.2	Nitrogen, Kjeldahl, Total	2.0	mg/L	0.50	11/09/11 12:46	
EPA 353.2	Nitrogen, NO2 plus NO3	1.6	mg/L	0.050	11/08/11 10:39	
EPA 410.4	Chemical Oxygen Demand	66.5	mg/L	20.0	11/08/11 14:42	
SM 5310B	Total Organic Carbon	20.7	mg/L	1.0	11/10/11 21:18	
3542464007	SW-1					
EPA 1631E	Mercury	0.000831	ug/L	0.00050	11/16/11 08:30	
	Field pH	4.32	Std. Units		11/07/11 12:15	
	Field Temperature	23.19	deg C		11/07/11 12:15	
	Appearance	Color:			11/07/11 12:15	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	104	umhos/cm		11/07/11 12:15	
	Oxygen, Dissolved	6.84	mg/L		11/07/11 12:15	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542464007	SW-1							
		EPA 6010	Turbidity	1.99	NTU		11/07/11 12:15	
		EPA 6010	Iron	84.6	ug/L	40.0	11/09/11 04:56	
		EPA 6010	Sodium	12.4	mg/L	1.0	11/09/11 04:56	
		EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	12.1	mg/L	3.2	11/09/11 04:56	
		SM 9222D	Fecal Coliforms	10.0	CFU/100 mL	2.0	11/08/11 14:20	
		SM 2540C	Total Dissolved Solids	51.0	mg/L	5.0	11/09/11 10:09	
		SM10200	Chlorophyll a	2.3	ug/L	1.0	11/15/11 15:03	
		TKN+NOx Calculation	Total Nitrogen	0.75	mg/L	0.50	11/16/11 11:39	
		EPA 300.0	Nitrate as N	0.14	mg/L	0.050	11/08/11 12:15	
		EPA 350.1	Nitrogen, Ammonia	0.18	mg/L	0.050	11/15/11 10:37	
		EPA 351.2	Nitrogen, Kjeldahl, Total	0.72	mg/L	0.50	11/09/11 12:50	
		EPA 353.2	Nitrogen, NO2 plus NO3	0.032	mg/L	0.050	11/08/11 10:40	
		EPA 410.4	Chemical Oxygen Demand	31.3	mg/L	20.0	11/08/11 14:42	
		SM 5310B	Total Organic Carbon	4.7	mg/L	1.0	11/10/11 21:35	
3542464008	SW-12							
		EPA 1631E	Mercury	0.00163	ug/L	0.00050	11/16/11 08:40	
			Field pH	6.67	Std. Units		11/07/11 12:45	
			Field Temperature	23.31	deg C		11/07/11 12:45	
			Appearance	Color:			11/07/11 12:45	
				Yellow,				
				Sheen:				
				None				
			Field Specific Conductance	603	umhos/cm		11/07/11 12:45	
			Oxygen, Dissolved	7.47	mg/L		11/07/11 12:45	
			Turbidity	10.14	NTU		11/07/11 12:45	
		EPA 6010	Barium	33.3	ug/L	10.0	11/09/11 05:01	
		EPA 6010	Iron	348	ug/L	40.0	11/09/11 05:01	
		EPA 6010	Nickel	3.1	ug/L	5.0	11/09/11 05:01	
		EPA 6010	Sodium	54.2	mg/L	1.0	11/09/11 05:01	
		EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	169	mg/L	3.2	11/09/11 05:01	
		EPA 6010	Vanadium	6.2	ug/L	10.0	11/09/11 05:01	
		EPA 6020	Antimony	1.3	ug/L	1.0	11/09/11 09:44	
		EPA 6020	Lead	0.82	ug/L	1.0	11/09/11 09:44	
		EPA 6020	Selenium	0.73	ug/L	1.0	11/09/11 09:44	
		SM 9222D	Fecal Coliforms	12.0	CFU/100 mL	2.0	11/08/11 14:20	
		SM 2540C	Total Dissolved Solids	384	mg/L	5.0	11/09/11 10:10	
		SM 2540D	Total Suspended Solids	9.0	mg/L	5.0	11/09/11 11:00	
		SM 5210B	BOD, 5 day	2.2	mg/L	2.0	11/14/11 12:22	
		SM10200	Chlorophyll a	11.6	ug/L	1.0	11/15/11 15:03	
		TKN+NOx Calculation	Total Nitrogen	2.5	mg/L	0.50	11/16/11 11:39	
		EPA 300.0	Nitrate as N	0.21	mg/L	0.050	11/08/11 13:28	
		EPA 350.1	Nitrogen, Ammonia	0.72	mg/L	0.050	11/15/11 10:38	
		EPA 351.2	Nitrogen, Kjeldahl, Total	2.4	mg/L	0.50	11/09/11 12:51	
		EPA 353.2	Nitrogen, NO2 plus NO3	0.15	mg/L	0.050	11/08/11 10:41	
		EPA 410.4	Chemical Oxygen Demand	80.0	mg/L	20.0	11/08/11 14:42	
		SM 5310B	Total Organic Carbon	21.7	mg/L	1.0	11/10/11 21:55	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542464009	SW-11					
EPA 1631E	Mercury	0.00101	ug/L	0.00050	11/16/11 08:44	
	Field pH	7.92	Std. Units		11/07/11 13:20	
	Field Temperature	24.04	deg C		11/07/11 13:20	
	Appearance	Color:			11/07/11 13:20	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	461	umhos/cm		11/07/11 13:20	
	Oxygen, Dissolved	10.20	mg/L		11/07/11 13:20	
	Turbidity	3.36	NTU		11/07/11 13:20	
EPA 6010	Barium	8.31	ug/L	10.0	11/09/11 05:13	
EPA 6010	Iron	226	ug/L	40.0	11/09/11 05:13	
EPA 6010	Sodium	32.6	mg/L	1.0	11/09/11 05:13	
EPA 6010	Tot Hardness asCaCO3 (SM 2340B)	177	mg/L	3.2	11/09/11 05:13	
SM 9222D	Fecal Coliforms	336	CFU/100 mL	2.0	11/08/11 14:20	
SM 2540C	Total Dissolved Solids	306	mg/L	5.0	11/09/11 10:10	
SM 5210B	BOD, 5 day	2.2	mg/L	2.0	11/14/11 12:24	
SM10200	Chlorophyll a	5.6	ug/L	1.0	11/15/11 15:03	
TKN+NOx Calculation	Total Nitrogen	1.0	mg/L	0.50	11/16/11 11:39	
EPA 300.0	Nitrate as N	0.14	mg/L	0.050	11/08/11 13:40	
EPA 351.2	Nitrogen, Kjeldahl, Total	1.0	mg/L	0.50	11/09/11 12:52	
EPA 353.2	Nitrogen, NO2 plus NO3	0.0421	mg/L	0.050	11/08/11 10:43	
EPA 410.4	Chemical Oxygen Demand	65.2	mg/L	20.0	11/08/11 14:42	
SM 5310B	Total Organic Carbon	18.0	mg/L	1.0	11/10/11 22:10	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: Equipment Blank (11/7/11) Lab ID: 3542464001 Collected: 11/07/11 09:45 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level Analytical Method: EPA 1631E									
Mercury	ND	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 11:12	7439-97-6	
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/08/11 11:30	11/08/11 21:15	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/08/11 11:30	11/08/11 21:15	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:32	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:32	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:32	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:32	7440-48-4	
Iron	20.0U	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:32	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:32	7440-02-0	
Sodium	0.50U	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:32	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	1.6U	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:32		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:32	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:32	7440-66-6	
MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:17	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:17	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:17	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:17	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:17	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:17	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:17	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:17	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	11/07/11 15:27	11/08/11 14:20		
8260 MSV Analytical Method: EPA 8260									
Acetone	5.2 I	ug/L	10.0	5.0	1		11/15/11 09:07	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 09:07	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 09:07	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 09:07	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 09:07	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	75-00-3	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: Equipment Blank (11/7/11) Lab ID: 3542464001 Collected: 11/07/11 09:45 Received: 11/07/11 14:45 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		11/15/11 09:07	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 09:07	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 09:07	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 09:07	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 09:07	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 09:07	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 09:07	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 09:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 09:07	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 09:07	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 09:07	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 09:07	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 09:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-114		1		11/15/11 09:07	460-00-4	
Dibromofluoromethane (S)	100 %		88-117		1		11/15/11 09:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/15/11 09:07	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/15/11 09:07	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/08/11 09:50		
2540D Total Suspended Solids		Analytical Method: SM 2540D							
Total Suspended Solids	5.0U	mg/L	5.0	5.0	1		11/09/11 11:00		

ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: Equipment Blank (11/7/11) Lab ID: 3542464001 Collected: 11/07/11 09:45 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.0U	mg/L	2.0	2.0	1	11/09/11 08:25	11/14/11 12:10		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	1.0U	ug/L	1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	0.25U	mg/L	0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/08/11 11:03	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/15/11 10:27	7664-41-7	
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	0.086U	mg/L	0.50	0.086	1	11/08/11 11:00	11/09/11 12:39	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.025U	mg/L	0.050	0.025	1		11/08/11 10:30		
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	11/08/11 11:00	11/09/11 12:39	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	12.5U	mg/L	20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	0.50U	mg/L	1.0	0.50	1		11/09/11 10:26	7440-44-0	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-3 Lab ID: 3542464002 Collected: 11/07/11 10:00 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level Analytical Method: EPA 1631E									
Mercury	0.00575	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:01	7439-97-6	
Field Data Analytical Method:									
Field pH	4.83	Std. Units			1		11/07/11 10:00		
Field Temperature	22.10	deg C			1		11/07/11 10:00		
Appearance	Color:				1		11/07/11 10:00		
	Yellow,								
	Sheen:								
	None								
Field Specific Conductance	419	umhos/cm			1		11/07/11 10:00		
Oxygen, Dissolved	2.26	mg/L			1		11/07/11 10:00	7782-44-7	
Turbidity	0.82	NTU			1		11/07/11 10:00		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	11/08/11 11:30	11/08/11 21:30	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	11/08/11 11:30	11/08/11 21:30	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:36	7440-38-2	
Barium	27.6	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:36	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:36	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:36	7440-48-4	
Iron	702	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:36	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:36	7440-02-0	
Sodium	29.7	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:36	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	134	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:36		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:36	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:36	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:20	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:20	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:20	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:20	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:20	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:20	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:20	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:20	7440-28-0	
9222D Fecal Coliform Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	8.0	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	107-13-1	

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REPORT OF LABORATORY ANALYSIS

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DEP Central Dist.

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542464

Sample: SW-3 Lab ID: 3542464002 Collected: 11/07/11 10:00 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 16:41	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 16:41	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 16:41	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	75-34-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 16:41	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 16:41	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 16:41	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 16:41	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 16:41	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 16:41	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 16:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98 %		70-114		1		11/15/11 16:41	460-00-4	
Dibromofluoromethane (S)	108 %		88-117		1		11/15/11 16:41	1868-53-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

DEP Central Dist.

Sample: SW-3 Lab ID: 3542464002 Collected: 11/07/11 10:00 Received: 11/07/11 14:45 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)	111 %		86-125		1		11/15/11 16:41	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 16:41	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	290 mg/L		5.0	5.0	1		11/08/11 09:50		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	5.0U mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.5 mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:13		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	3.2 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	1.7 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U mg/L		0.050	0.025	1		11/08/11 11:15	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.025 mg/L		0.050	0.020	1		11/15/11 10:30	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:30		
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	11/08/11 11:00	11/09/11 12:40	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.025U mg/L		0.050	0.025	1		11/08/11 10:31		
365.4 Phosphorus, Total	Analytical Method: EPA 365.4 Preparation Method: EPA 365.4								
Phosphorus, Total (as P)	0.17 mg/L		0.10	0.050	1	11/08/11 11:00	11/09/11 12:40	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	113 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	30.2 mg/L		1.0	0.50	1		11/10/11 19:22	7440-44-0	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-2 Lab ID: 3542464003 Collected: 11/07/11 10:25 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level		Analytical Method: EPA 1631E							
Mercury	0.00105	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:05	7439-97-6	
Field Data		Analytical Method:							
Field pH	6.08	Std. Units			1		11/07/11 10:25		
Field Temperature	21.32	deg C			1		11/07/11 10:25		
Appearance	Color:				1		11/07/11 10:25		
	Yellow,								
	Sheen:								
	None								
Field Specific Conductance	539	umhos/cm			1		11/07/11 10:25		
Oxygen, Dissolved	6.67	mg/L			1		11/07/11 10:25	7782-44-7	
Turbidity	1.69	NTU			1		11/07/11 10:25		
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	11/08/11 11:30	11/08/11 21:45	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/08/11 11:30	11/08/11 21:45	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Chromium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:40	7440-38-2	
Lead	34.6	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:40	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:40	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:40	7440-48-4	
Iron	735	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:40	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:40	7440-02-0	
Sodium	42.5	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:40	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	173	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:40		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:40	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:40	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:23	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:23	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:23	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:23	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:23	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:23	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:23	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:23	7440-28-0	
9222D Fecal Coliform		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	4.0	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	107-13-1	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-2 Lab ID: 3542464003 Collected: 11/07/11 10:25 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 14:51	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 14:51	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 14:51	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:51	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:51	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 14:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:51	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 14:51	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 14:51	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 14:51	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 14:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90 %		70-114		1		11/15/11 14:51	460-00-4	
Dibromofluoromethane (S)	105 %		88-117		1		11/15/11 14:51	1868-53-7	

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ANALYTICAL RESULTS

DEP Central Dist.

 Project: Tomoka Semi-annual LF
 Pace Project No.: 3542464

Sample: SW-2 Lab ID: 3542464003 Collected: 11/07/11 10:25 Received: 11/07/11 14:45 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)	110 %		86-125		1		11/15/11 14:51	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/15/11 14:51	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	329 mg/L		5.0	5.0	1		11/08/11 09:50		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	5.0U mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.8 mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:15		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	39.6 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Nitrogen	1.3 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.15 mg/L		0.050	0.025	1		11/08/11 11:27	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U mg/L		0.050	0.020	1		11/15/11 10:31	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:31		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	1.2 mg/L		0.50	0.086	1	11/08/11 11:00	11/09/11 12:42	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.043 I mg/L		0.050	0.025	1		11/08/11 10:35		
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	11/08/11 11:00	11/09/11 12:42	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	62.5 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	18.3 mg/L		1.0	0.50	1		11/10/11 19:37	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-2 DUP Lab ID: 3542464004 Collected: 11/07/11 10:25 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level									
Analytical Method: EPA 1631E									
Mercury	0.00107	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:10	7439-97-6	
Field Data									
Analytical Method:									
Field pH	6.08	Std. Units			1		11/07/11 10:25		
Field Temperature	21.32	deg C			1		11/07/11 10:25		
Appearance	Color:				1		11/07/11 10:25		
	Yellow,								
	Sheen:								
	None								
Field Specific Conductance	539	umhos/cm			1		11/07/11 10:25		
Oxygen, Dissolved	6.67	mg/L			1		11/07/11 10:25	7782-44-7	
Turbidity	1.69	NTU			1		11/07/11 10:25		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/08/11 11:30	11/08/11 22:00	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/08/11 11:30	11/08/11 22:00	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:44	7440-38-2	
Barium	33.2	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:44	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:44	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:44	7440-48-4	
Iron	770	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:44	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:44	7440-02-0	
Sodium	42.0	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:44	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	172	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:44		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:44	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:44	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:26	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:26	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:26	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:26	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:26	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:26	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:26	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:26	7440-28-0	
9222D Fecal Coliform									
Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	6.0	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	107-13-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542464

Sample: SW-2 DUP Lab ID: 3542464004 Collected: 11/07/11 10:25 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 15:27	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 15:27	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 15:27	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 15:27	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 15:27	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 15:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 15:27	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 15:27	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 15:27	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 15:27	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 15:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/15/11 15:27	460-00-4	
Dibromofluoromethane (S)	109 %		88-117		1		11/15/11 15:27	1868-53-7	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-2 DUP Lab ID: 3542464004 Collected: 11/07/11 10:25 Received: 11/07/11 14:45 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)	108 %		86-125		1		11/15/11 15:27	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 15:27	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	331 mg/L		5.0	5.0	1		11/08/11 09:50		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	5.0U mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.7 mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:16		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	35.4 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	1.2 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.15 mg/L		0.050	0.025	1		11/08/11 11:39	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U mg/L		0.050	0.020	1		11/15/11 10:32	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:32		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	1.2 mg/L		0.50	0.086	1	11/08/11 11:00	11/09/11 12:43	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.044 l mg/L		0.050	0.025	1		11/08/11 10:36		
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	11/08/11 11:00	11/09/11 12:43	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	59.8 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	18.0 mg/L		1.0	0.50	1		11/10/11 19:55	7440-44-0	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-4 Lab ID: 3542464005 Collected: 11/07/11 11:00 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level									
Analytical Method: EPA 1631E									
Mercury	0.00597	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:15	7439-97-6	
Field Data									
Analytical Method:									
Field pH	6.85	Std. Units			1		11/07/11 11:00		
Field Temperature	22.01	deg C			1		11/07/11 11:00		
Appearance	Color:				1		11/07/11 11:00		
	Yellow,								
	Sheen:								
	Present								
Field Specific Conductance	531	umhos/cm			1		11/07/11 11:00		
Oxygen, Dissolved	2.21	mg/L			1		11/07/11 11:00	7782-44-7	
Turbidity	1.39	NTU			1		11/07/11 11:00		
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	11/08/11 11:30	11/08/11 22:16	96-12-8	
1,2-Dibromoethane (EDB)	0.0061U	ug/L	0.0099	0.0061	1	11/08/11 11:30	11/08/11 22:16	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Chromium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:48	7440-38-2	
Cadmium	27.5	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:48	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:48	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:48	7440-48-4	
Iron	940	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:48	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:48	7440-02-0	
Sodium	43.0	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:48	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	153	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:48		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:48	7440-62-2	
Zinc	19.6	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:48	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:35	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:35	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:35	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:35	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:35	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:35	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:35	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:35	7440-28-0	
9222D Fecal Coliform									
Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	278	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	107-13-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-4 Lab ID: 3542464005 Collected: 11/07/11 11:00 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 16:16	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 16:16	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 16:16	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 16:16	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 16:16	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 16:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 16:16	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	630-20-6	
1,1,2,2-Tetrachloroethane	0.86	ug/L	0.50	0.12	1		11/15/11 16:16	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 16:16	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 16:16	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 16:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98 %		70-114		1		11/15/11 16:16	460-00-4	
Dibromofluoromethane (S)	105 %		88-117		1		11/15/11 16:16	1868-53-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-4 Lab ID: 3542464005 Collected: 11/07/11 11:00 Received: 11/07/11 14:45 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)	110 %		86-125		1		11/15/11 16:16	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 16:16	2037-26-5	
2540C Total Dissolved Solids Analytical Method: SM 2540C									
Total Dissolved Solids	372 mg/L		5.0	5.0	1		11/08/11 09:51		
2540D Total Suspended Solids Analytical Method: SM 2540D									
Total Suspended Solids	99.5 mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day Analytical Method: SM 5210B									
BOD, 5 day	2.4 mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:18		
Chlorophyll & Pheophytin Analytical Method: SM10200 Preparation Method: SM10200									
Chlorophyll a	3.6 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation Analytical Method: TKN+NOx Calculation									
Nitrogen	1.8 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions Analytical Method: EPA 300.0									
Nitrate as N	0.025U mg/L		0.050	0.025	1		11/08/11 11:51	14797-55-8	
350.1 Ammonia Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.064 mg/L		0.050	0.020	1		11/15/11 10:35	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:35		
351.2 Total Kjeldahl Nitrogen Analytical Method: EPA 351.2 Preparation Method: EPA 351.2									
Nitrogen, Kjeldahl, Total	1.8 mg/L		0.50	0.086	1	11/08/11 11:00	11/09/11 12:44	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres. Analytical Method: EPA 353.2									
Nitrogen, NO2 plus NO3	0.025U mg/L		0.050	0.025	1		11/08/11 10:38		
365.4 Phosphorus, Total Analytical Method: EPA 365.4 Preparation Method: EPA 365.4									
Phosphorus, Total (as P)	0.20 mg/L		0.10	0.050	1	11/08/11 11:00	11/09/11 12:44	7723-14-0	
410.4 COD Analytical Method: EPA 410.4									
Chemical Oxygen Demand	114 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC Analytical Method: SM 5310B									
Total Organic Carbon	31.6 mg/L		2.0	1.0	2		11/10/11 20:11	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-5 Lab ID: 3542464006 Collected: 11/07/11 11:40 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level Analytical Method: EPA 1631E									
Mercury	0.000651	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:20	7439-97-6	
Field Data Analytical Method:									
Field pH	5.94	Std. Units			1		11/07/11 11:40		
Field Temperature	21.89	deg C			1		11/07/11 11:40		
Appearance	Color: Yellow, Sheen: None				1		11/07/11 11:40		
Field Specific Conductance	574	umhos/cm			1		11/07/11 11:40		
Oxygen, Dissolved	8.76	mg/L			1		11/07/11 11:40	7782-44-7	
Turbidity	2.23	NTU			1		11/07/11 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	11/08/11 11:30	11/08/11 22:31	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/08/11 11:30	11/08/11 22:31	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:52	7440-38-2	
Barium	44.6	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:52	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:52	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:52	7440-48-4	
Iron	375	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:52	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:52	7440-02-0	
Sodium	43.3	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:52	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	189	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:52		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:52	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:52	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:38	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:38	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:38	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:38	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:38	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:38	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:38	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:38	7440-28-0	
9222D Fecal Coliform Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	8.0	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	107-13-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542464

Sample: SW-5 Lab ID: 3542464006 Collected: 11/07/11 11:40 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 13:37	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 13:37	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 13:37	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 13:37	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 13:37	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 13:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 13:37	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 13:37	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 13:37	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 13:37	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 13:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90 %		70-114		1		11/15/11 13:37	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 13:37	1868-53-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-5 Lab ID: 3542464006 Collected: 11/07/11 11:40 Received: 11/07/11 14:45 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)	104 %		86-125		1		11/15/11 13:37	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		11/15/11 13:37	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	364	mg/L	5.0	5.0	1		11/08/11 09:51		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	5.0U	mg/L	5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.0	mg/L	2.0	2.0	1	11/09/11 08:25	11/14/11 12:19		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	6.4	ug/L	1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	3.6	mg/L	0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	1.5	mg/L	0.050	0.025	1		11/08/11 12:03	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.33	mg/L	0.050	0.020	1		11/15/11 10:36	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U	mg/L	0.050	0.020	1		11/15/11 10:36		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	2.0	mg/L	0.50	0.086	1	11/08/11 11:00	11/09/11 12:46	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	1.6	mg/L	0.050	0.025	1		11/08/11 10:39		
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	11/08/11 11:00	11/09/11 12:46	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	66.5	mg/L	20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	20.7	mg/L	1.0	0.50	1		11/10/11 21:18	7440-44-0	

ANALYTICAL RESULTS

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DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-1 Lab ID: 3542464007 Collected: 11/07/11 12:15 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level		Analytical Method: EPA 1631E							
Mercury	0.000831	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:30	7439-97-6	
Field Data		Analytical Method:							
Field pH	4.32	Std. Units			1		11/07/11 12:15		
Field Temperature	23.19	deg C			1		11/07/11 12:15		
Appearance	Color:				1		11/07/11 12:15		
	None,								
	Sheen:								
	None								
Field Specific Conductance	104	umhos/cm			1		11/07/11 12:15		
Oxygen, Dissolved	6.84	mg/L			1		11/07/11 12:15	7782-44-7	
Turbidity	1.99	NTU			1		11/07/11 12:15		
8011 GCS EDB and DBCP		Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/08/11 11:30	11/08/11 23:01	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/08/11 11:30	11/08/11 23:01	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Chromium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:56	7440-38-2	
Cadmium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:56	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:56	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:56	7440-48-4	
Iron	84.6	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 04:56	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 04:56	7440-02-0	
Sodium	12.4	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 04:56	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	12.1	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 04:56		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 04:56	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 04:56	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:41	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:41	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:41	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:41	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:41	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:41	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:41	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:41	7440-28-0	
9222D Fecal Coliform		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	10.0	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	107-13-1	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-1 Lab ID: 3542464007 Collected: 11/07/11 12:15 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 14:02	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 14:02	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 14:02	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:02	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:02	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 14:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:02	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 14:02	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 14:02	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 14:02	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 14:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90 %		70-114		1		11/15/11 14:02	460-00-4	
Dibromofluoromethane (S)	108 %		88-117		1		11/15/11 14:02	1868-53-7	

Date: 11/18/2011 10:21 AM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

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DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-1 Lab ID: 3542464007 Collected: 11/07/11 12:15 Received: 11/07/11 14:45 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)	109 %		86-125		1		11/15/11 14:02	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 14:02	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	51.0 mg/L		5.0	5.0	1		11/09/11 10:09		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	5.0U mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.0U mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:20		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	2.3 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Nitrogen	0.75 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.14 mg/L		0.050	0.025	1		11/08/11 12:15	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.18 mg/L		0.050	0.020	1		11/15/11 10:37	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:37		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	0.72 mg/L		0.50	0.086	1	11/08/11 11:00	11/09/11 12:50	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.032 I mg/L		0.050	0.025	1		11/08/11 10:40		
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	11/08/11 11:00	11/09/11 12:50	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	31.3 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	4.7 mg/L		1.0	0.50	1		11/10/11 21:35	7440-44-0	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-12 Lab ID: 3542464008 Collected: 11/07/11 12:45 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level		Analytical Method: EPA 1631E							
Mercury	0.00163	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:40	7439-97-6	
Field Data		Analytical Method:							
Field pH	6.67	Std. Units			1		11/07/11 12:45		
Field Temperature	23.31	deg C			1		11/07/11 12:45		
Appearance	Color:				1		11/07/11 12:45		
	Yellow,								
	Sheen:								
	None								
Field Specific Conductance	603	umhos/cm			1		11/07/11 12:45		
Oxygen, Dissolved	7.47	mg/L			1		11/07/11 12:45	7782-44-7	
Turbidity	10.14	NTU			1		11/07/11 12:45		
8011 GCS EDB and DBCP		Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	11/08/11 11:30	11/08/11 23:16	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	11/08/11 11:30	11/08/11 23:16	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:01	7440-38-2	
Barium	33.3	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:01	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 05:01	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:01	7440-48-4	
Iron	348	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 05:01	7439-89-6	
Nickel	3.1	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 05:01	7440-02-0	
Sodium	54.2	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 05:01	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	169	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 05:01		
Vanadium	6.2	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:01	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 05:01	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	1.3	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:44	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:44	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:44	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:44	7440-50-8	
Lead	0.82	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:44	7439-92-1	
Selenium	0.73	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:44	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:44	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:44	7440-28-0	
9222D Fecal Coliform		Analytical Method: SM 9222D Preparation Method: SM 9222D							
Fecal Coliforms	12.0	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	107-13-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542464

Sample: SW-12 Lab ID: 3542464008 Collected: 11/07/11 12:45 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 15:52	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 15:52	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 15:52	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	75-34-3	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 15:52	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 15:52	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 15:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 15:52	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 15:52	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 15:52	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 15:52	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 15:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95 %		70-114		1		11/15/11 15:52	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/15/11 15:52	1868-53-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-12 Lab ID: 3542464008 Collected: 11/07/11 12:45 Received: 11/07/11 14:45 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)	108 %		86-125		1		11/15/11 15:52	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/15/11 15:52	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	384 mg/L		5.0	5.0	1		11/09/11 10:10		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	9.0 mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.2 mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:22		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	11.6 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Total Nitrogen	2.5 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.21 mg/L		0.050	0.025	1		11/08/11 13:28	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.72 mg/L		0.050	0.020	1		11/15/11 10:38	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:38		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	2.4 mg/L		0.50	0.086	1	11/08/11 11:00	11/09/11 12:51	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.15 mg/L		0.050	0.025	1		11/08/11 10:41		
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	11/08/11 11:00	11/09/11 12:51	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	80.0 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	21.7 mg/L		1.0	0.50	1		11/10/11 21:55	7440-44-0	

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ANALYTICAL RESULTS FEB 20 2012

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542464

Sample: SW-11 Lab ID: 3542464009 Collected: 11/07/11 13:20 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
1631E Mercury, Low Level Analytical Method: EPA 1631E									
Mercury	0.00101	ug/L	0.00050	0.00013	1	11/14/11 08:30	11/16/11 08:44	7439-97-6	
Field Data Analytical Method:									
Field pH	7.92	Std. Units			1		11/07/11 13:20		
Field Temperature	24.04	deg C			1		11/07/11 13:20		
Appearance	Color:	None,			1		11/07/11 13:20		
	Sheen:	None							
Field Specific Conductance	461	umhos/cm			1		11/07/11 13:20		
Oxygen, Dissolved	10.20	mg/L			1		11/07/11 13:20	7782-44-7	
Turbidity	3.36	NTU			1		11/07/11 13:20		
8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0049U	ug/L	0.020	0.0049	1	11/08/11 11:30	11/08/11 23:31	96-12-8	
1,2-Dibromoethane (EDB)	0.0061U	ug/L	0.0099	0.0061	1	11/08/11 11:30	11/08/11 23:31	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:13	7440-38-2	
Barium	8.3 U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:13	7440-39-3	
Chromium	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 05:13	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:13	7440-48-4	
Iron	226	ug/L	40.0	20.0	1	11/08/11 10:17	11/09/11 05:13	7439-89-6	
Nickel	2.5U	ug/L	5.0	2.5	1	11/08/11 10:17	11/09/11 05:13	7440-02-0	
Sodium	32.6	mg/L	1.0	0.50	1	11/08/11 10:17	11/09/11 05:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B)	177	mg/L	3.2	1.6	1	11/08/11 10:17	11/09/11 05:13		
Vanadium	5.0U	ug/L	10.0	5.0	1	11/08/11 10:17	11/09/11 05:13	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/08/11 10:17	11/09/11 05:13	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:47	7440-36-0	
Beryllium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:47	7440-41-7	
Cadmium	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:47	7440-43-9	
Copper	0.93U	ug/L	1.0	0.93	1	11/08/11 10:17	11/09/11 09:47	7440-50-8	
Lead	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:47	7439-92-1	
Selenium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:47	7782-49-2	
Silver	0.050U	ug/L	0.10	0.050	1	11/08/11 10:17	11/09/11 09:47	7440-22-4	
Thallium	0.50U	ug/L	1.0	0.50	1	11/08/11 10:17	11/09/11 09:47	7440-28-0	
9222D Fecal Coliform Analytical Method: SM 9222D Preparation Method: SM 9222D									
Fecal Coliforms	336	CFU/100 mL	2.0	2.0	2	11/07/11 15:27	11/08/11 14:20		
8260 MSV Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	107-13-1	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-11 Lab ID: 3542464009 Collected: 11/07/11 13:20 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 14:27	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 14:27	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 14:27	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:27	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:27	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 14:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:27	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 14:27	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 14:27	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 14:27	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 14:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/15/11 14:27	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/15/11 14:27	1868-53-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: SW-11 Lab ID: 3542464009 Collected: 11/07/11 13:20 Received: 11/07/11 14:45 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)	108 %		86-125		1		11/15/11 14:27	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		11/15/11 14:27	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	306 mg/L		5.0	5.0	1		11/09/11 10:10		
2540D Total Suspended Solids	Analytical Method: SM 2540D								
Total Suspended Solids	5.0U mg/L		5.0	5.0	1		11/09/11 11:00		
5210B BOD, 5 day	Analytical Method: SM 5210B								
BOD, 5 day	2.2 mg/L		2.0	2.0	1	11/09/11 08:25	11/14/11 12:24		
Chlorophyll & Pheophytin	Analytical Method: SM10200 Preparation Method: SM10200								
Chlorophyll a	5.6 ug/L		1.0	1.0	1	11/08/11 16:40	11/15/11 15:03		
Total Nitrogen Calculation	Analytical Method: TKN+NOx Calculation								
Nitrogen	1.0 mg/L		0.50	0.25	1		11/16/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.14 mg/L		0.050	0.025	1		11/08/11 13:40	14797-55-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U mg/L		0.050	0.020	1		11/15/11 10:39	7664-41-7	
Nitrogen, Ammonia (Unionized)	0.020U mg/L		0.050	0.020	1		11/15/11 10:39		
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	1.0 mg/L		0.50	0.086	1	11/08/11 11:00	11/09/11 12:52	7727-37-9	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2								
Nitrogen, NO2 plus NO3	0.0421 mg/L		0.050	0.025	1		11/08/11 10:43		
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	11/08/11 11:00	11/09/11 12:52	7723-14-0	
410.4 COD	Analytical Method: EPA 410.4								
Chemical Oxygen Demand	65.2 mg/L		20.0	12.5	1		11/08/11 14:42		
5310B TOC	Analytical Method: SM 5310B								
Total Organic Carbon	18.0 mg/L		1.0	0.50	1		11/10/11 22:10	7440-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: Trip Blank (11/7/11) Lab ID: 3542464010 Collected: 11/07/11 08:00 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 09:32	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 09:32	74-87-3	L3
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/15/11 09:32	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 09:32	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 09:32	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 09:32	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 09:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 09:32	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 09:32	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 09:32	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 09:32	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Sample: Trip Blank (11/7/11) Lab ID: 3542464010 Collected: 11/07/11 08:00 Received: 11/07/11 14:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 09:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/15/11 09:32	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 09:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/15/11 09:32	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 09:32	2037-26-5	

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QUALITY CONTROL DATA
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Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: CVFS/2854 Analysis Method: EPA 1631E
QC Batch Method: EPA 1631E Analysis Description: 1631E Mercury
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 533653 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00013U	0.00050	11/16/11 07:41	

METHOD BLANK: 533654 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00013U	0.00050	11/16/11 09:00	

METHOD BLANK: 533655 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00013U	0.00050	11/16/11 10:30	

METHOD BLANK: 533656 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.00013U	0.00050	11/16/11 07:46	

LABORATORY CONTROL SAMPLE & LCSD: 533657 533658

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Mercury	ug/L	.005	0.00499	0.00516	100	103	79-121	3	24	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 535032 535033

Parameter	Units	3542464002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.00575	.02	.02	0.0267	0.0254	105	98	75-125	5	24	

Date: 11/18/2011 10:21 AM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		535034			535035							
Parameter	Units	4053498002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Mercury	ug/L	4.82 ng/L	.02	.02	0.0246	0.0253	99	102	75-125	3	24	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: MBIO/6789 Analysis Method: SM 9222D
QC Batch Method: SM 9222D Analysis Description: 9222D MBIO Fecal Coliform
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 288380 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fecal Coliforms	CFU/100 mL	1.0U	1.0	11/08/11 14:20	

SAMPLE DUPLICATE: 288381

Parameter	Units	3542445002 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	2.0U	2.0U			

SAMPLE DUPLICATE: 288382

Parameter	Units	3542448001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fecal Coliforms	CFU/100 mL	ND	2.0U			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542464

QC Batch: MPRP/6359 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286431 Matrix: Water
 Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/09/11 03:19	
Barium	ug/L	5.0U	10.0	11/09/11 03:19	
Chromium	ug/L	2.5U	5.0	11/09/11 03:19	
Cobalt	ug/L	5.0U	10.0	11/09/11 03:19	
Iron	ug/L	20.0U	40.0	11/09/11 03:19	
Nickel	ug/L	2.5U	5.0	11/09/11 03:19	
Sodium	mg/L	0.50U	1.0	11/09/11 03:19	
Tot Hardness asCaCO3 (SM 2340B)	mg/L	1.6U	3.2	11/09/11 03:19	
Vanadium	ug/L	5.0U	10.0	11/09/11 03:19	
Zinc	ug/L	10.0U	20.0	11/09/11 03:19	

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LABORATORY CONTROL SAMPLE: 286432

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	234	94	80-120	
Barium	ug/L	250	244	97	80-120	
Chromium	ug/L	250	258	103	80-120	
Cobalt	ug/L	250	249	100	80-120	
Iron	ug/L	2500	2560	102	80-120	
Nickel	ug/L	250	256	102	80-120	
Sodium	mg/L	12.5	12.8	103	80-120	
Tot Hardness asCaCO3 (SM 2340B)	mg/L		84.0			
Vanadium	ug/L	250	257	103	80-120	
Zinc	ug/L	1250	1230	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 286433 286434

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result						
Arsenic	ug/L	5.0U	250	250	250	245	100	98	75-125	2	20
Barium	ug/L	79.1	250	250	346	325	107	98	75-125	6	20
Chromium	ug/L	2.5U	250	250	261	260	104	104	75-125	.04	20
Cobalt	ug/L	5.0U	250	250	252	252	101	101	75-125	.04	20
Iron	ug/L	1120	2500	2500	3620	3690	100	103	75-125	2	20
Nickel	ug/L	2.5U	250	250	256	255	102	102	75-125	.3	20
Sodium	mg/L	11.3	12.5	12.5	25.1	24.1	111	103	75-125	4	20
Tot Hardness asCaCO3 (SM 2340B)	mg/L	510000			618	597				3	20

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Parameter	Units	3542467002		286433		286434		% Rec	% Rec	% Rec	Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec						
Vanadium	ug/L	5.0U	250	250	261	264	104	105	75-125	1	20		
Zinc	ug/L	10.0	1250	1250	1270	1260	100	100	75-125	.4	20		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: MPRP/6360 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286435 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/09/11 08:14	
Beryllium	ug/L	0.050U	0.10	11/09/11 08:14	
Cadmium	ug/L	0.050U	0.10	11/09/11 08:14	
Copper	ug/L	0.93U	1.0	11/09/11 08:14	
Lead	ug/L	0.50U	1.0	11/09/11 08:14	
Selenium	ug/L	0.50U	1.0	11/09/11 08:14	
Silver	ug/L	0.050U	0.10	11/09/11 08:14	
Thallium	ug/L	0.50U	1.0	11/09/11 08:14	

LABORATORY CONTROL SAMPLE: 286436

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.4	95	90-110	
Beryllium	ug/L	5	5.0	100	90-110	
Cadmium	ug/L	5	4.8	96	90-110	
Copper	ug/L	50	50.5	101	90-110	
Lead	ug/L	50	48.6	97	90-110	
Selenium	ug/L	50	50.0	100	90-110	
Silver	ug/L	5	4.9	97	90-110	
Thallium	ug/L	50	48.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 286437 286438

Parameter	Units	3542467003		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
Antimony	ug/L	0.50U	50	50	47.7	48.0	95	95	70-130	.6	20	
Beryllium	ug/L	0.050U	5	5	4.2	4.1	84	81	70-130	4	20	
Cadmium	ug/L	0.050U	5	5	4.6	4.7	92	93	70-130	1	20	
Copper	ug/L	0.93U	50	50	46.1	45.5	91	90	70-130	1	20	
Lead	ug/L	0.50U	50	50	51.3	50.9	102	102	70-130	.7	20	
Selenium	ug/L	0.50	50	50	52.1	50.4	103	99	70-130	3	20	
Silver	ug/L	0.050U	5	5	4.5	4.5	91	90	70-130	.5	20	
Thallium	ug/L	0.50U	50	50	52.3	51.9	105	104	70-130	.7	20	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: MSV/4128 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009, 3542464010

METHOD BLANK: 291000 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009, 3542464010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/15/11 08:18	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/15/11 08:18	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/15/11 08:18	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 08:18	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 08:18	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/15/11 08:18	
2-Hexanone	ug/L	5.0U	10.0	11/15/11 08:18	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/15/11 08:18	
Acetone	ug/L	5.0U	10.0	11/15/11 08:18	
Acrylonitrile	ug/L	5.0U	10.0	11/15/11 08:18	
Benzene	ug/L	0.50U	1.0	11/15/11 08:18	
Bromochloromethane	ug/L	0.50U	1.0	11/15/11 08:18	
Bromodichloromethane	ug/L	0.27U	0.60	11/15/11 08:18	
Bromoform	ug/L	0.50U	1.0	11/15/11 08:18	
Bromomethane	ug/L	0.50U	1.0	11/15/11 08:18	
Carbon disulfide	ug/L	5.0U	10.0	11/15/11 08:18	
Carbon tetrachloride	ug/L	0.50U	1.0	11/15/11 08:18	
Chlorobenzene	ug/L	0.50U	1.0	11/15/11 08:18	
Chloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
Chloroform	ug/L	0.50U	1.0	11/15/11 08:18	
Chloromethane	ug/L	0.62U	1.0	11/15/11 08:18	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 08:18	
Dibromochloromethane	ug/L	0.26U	0.50	11/15/11 08:18	
Dibromomethane	ug/L	0.50U	1.0	11/15/11 08:18	
Ethylbenzene	ug/L	0.50U	1.0	11/15/11 08:18	
Iodomethane	ug/L	0.50U	1.0	11/15/11 08:18	
Methylene Chloride	ug/L	2.5U	5.0	11/15/11 08:18	
Styrene	ug/L	0.50U	1.0	11/15/11 08:18	
Tetrachloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
Toluene	ug/L	0.50U	1.0	11/15/11 08:18	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 08:18	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

METHOD BLANK: 291000

Matrix: Water

Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009, 3542464010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/15/11 08:18	
Trichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/15/11 08:18	
Vinyl acetate	ug/L	1.0U	2.0	11/15/11 08:18	
Vinyl chloride	ug/L	0.50U	1.0	11/15/11 08:18	
Xylene (Total)	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichloroethane-d4 (S)	%	103	86-125	11/15/11 08:18	
4-Bromofluorobenzene (S)	%	93	70-114	11/15/11 08:18	
Dibromofluoromethane (S)	%	101	88-117	11/15/11 08:18	
Toluene-d8 (S)	%	97	87-113	11/15/11 08:18	

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LABORATORY CONTROL SAMPLE: 291001

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	18.7	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.8	109	70-130	
1,1,2-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1-Dichloroethane	ug/L	20	20.7	103	70-130	
1,1-Dichloroethene	ug/L	20	20.1	100	70-130	
1,2,3-Trichloropropane	ug/L	20	16.0	80	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	13.9	70	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.6	103	70-130	
1,2-Dichlorobenzene	ug/L	20	20.4	102	70-130	
1,2-Dichloroethane	ug/L	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	20	21.5	107	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2-Butanone (MEK)	ug/L	20	25.9	129	55-167	
2-Hexanone	ug/L	20	25.5	128	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	22.7	114	70-130	
Acetone	ug/L	20	10.5	52	40-150	
Acrylonitrile	ug/L	200	227	114	70-130	
Benzene	ug/L	20	20.4	102	70-130	
Bromochloromethane	ug/L	20	20.6	103	70-130	
Bromodichloromethane	ug/L	20	20.3	101	70-130	
Bromoform	ug/L	20	17.4	87	68-130	
Bromomethane	ug/L	20	30.5	153	38-179	
Carbon disulfide	ug/L	20	16.7	83	51-155	
Carbon tetrachloride	ug/L	20	19.7	99	70-130	
Chlorobenzene	ug/L	20	19.6	98	70-130	
Chloroethane	ug/L	20	23.7	119	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	26.3	131	68-130 J(L0)	
cis-1,2-Dichloroethene	ug/L	20	19.0	95	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

LABORATORY CONTROL SAMPLE: 291001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	20.0	100	70-130	
Dibromochloromethane	ug/L	20	18.3	92	70-130	
Dibromomethane	ug/L	20	19.2	96	70-130	
Ethylbenzene	ug/L	20	20.5	102	70-130	
Iodomethane	ug/L	20	24.0	120	43-160	
Methylene Chloride	ug/L	20	21.8	109	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	17.9	90	66-133	
Toluene	ug/L	20	19.2	96	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.0	95	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.3	92	65-130	
Trichloroethene	ug/L	20	20.0	100	70-130	
Trichlorofluoromethane	ug/L	20	18.9	94	70-131	
Vinyl acetate	ug/L	20	18.8	94	69-135	
Vinyl chloride	ug/L	20	21.7	108	69-140	
Xylene (Total)	ug/L	60	60.4	101	70-130	
1,2-Dichloroethane-d4 (S)	%			102	86-125	
4-Bromofluorobenzene (S)	%			95	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			103	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291009 291010

Parameter	Units	3543049016		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	19.5	15.4	98	77	39-130	24	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	21.2	15.9	106	80	47-141	29	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	22.2	16.9	111	85	49-131	27	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	21.1	16.9	105	84	50-130	22	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	24.2	18.3	121	91	54-137	28	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	23.0	17.0	115	85	45-155	30	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	19.5	17.0	98	85	31-132	14	40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	22.0	1.0U	110	0	37-130		40	J(M1)
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20.1	15.8	100	79	51-132	24	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	19.3	14.0	97	70	43-130	32	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	20.5	16.5	102	82	54-130	22	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	22.4	17.4	112	87	53-130	25	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	18.8	13.4	94	67	38-130	34	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	27.3	23.7	118	100	48-138	14	40	
2-Hexanone	ug/L	5.0U	20	20	21.7	17.3	109	87	38-130	22	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	22.7	19.7	113	99	28-143	14	40	
Acetone	ug/L	5.0U	20	20	16.8	24.9	67	107	20-140	39	40	
Acrylonitrile	ug/L	5.0U	200	200	262	259	131	129	46-130	1	40	J(M1)
Benzene	ug/L	1.3	20	20	23.1	18.1	109	84	53-132	24	40	
Bromochloromethane	ug/L	0.50U	20	20	21.5	16.3	107	81	54-132	28	40	
Bromodichloromethane	ug/L	0.27U	20	20	21.0	16.3	105	81	46-130	25	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Parameter	3543049016		MS		MSD		MS		MSD		% Rec	Max	Qual
	Units	Result	Spike	Conc.	Spike	Conc.	Result	Result	% Rec	% Rec			
Bromoform	ug/L	0.50U	20	20	17.2	13.3	86	67	32-130	25	40		
Bromomethane	ug/L	0.50U	20	20	27.4	30.5	137	153	20-152	11	40	J(M1)	
Carbon disulfide	ug/L	5.0U	20	20	19.5	15.8	96	77	28-184	21	40		
Carbon tetrachloride	ug/L	0.50U	20	20	21.0	14.6	105	73	37-137	36	40		
Chlorobenzene	ug/L	0.50U	20	20	19.8	15.1	99	76	46-130	27	40		
Chloroethane	ug/L	0.50U	20	20	30.4	30.3	152	151	48-159	3	40		
Chloroform	ug/L	0.50U	20	20	21.3	15.6	106	78	51-130	31	40		
Chloromethane	ug/L	0.62U	20	20	30.1	32.2	150	161	39-144	7	40	J(M0)	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	20.3	16.0	102	80	54-130	24	40		
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	18.1	14.3	91	71	45-130	24	40		
Dibromochloromethane	ug/L	0.26U	20	20	17.6	14.4	88	72	43-130	20	40		
Dibromomethane	ug/L	0.50U	20	20	19.2	15.2	96	76	50-130	23	40		
Ethylbenzene	ug/L	0.50U	20	20	20.4	15.3	102	76	43-130	29	40		
Iodomethane	ug/L	0.50U	20	20	20.8	18.2	104	91	20-169	13	40		
Methylene Chloride	ug/L	2.5U	20	20	23.8	18.7	119	93	51-135	24	40		
Styrene	ug/L	0.50U	20	20	19.6	15.1	98	76	40-130	26	40		
Tetrachloroethene	ug/L	0.50U	20	20	17.3	12.3	86	62	26-130	33	40		
Toluene	ug/L	0.50U	20	20	19.5	15.3	97	76	50-130	24	40		
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	23.1	17.0	115	85	48-142	30	40		
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.7	14.3	89	71	45-130	22	40		
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	15.9	12.8	79	64	20-139	22	40		
Trichloroethene	ug/L	0.50U	20	20	22.0	15.7	110	78	42-133	34	40		
Trichlorofluoromethane	ug/L	0.50U	20	20	20.9	23.5	104	117	46-146	12	40		
Vinyl acetate	ug/L	1.0U	20	20	19.5	6.2	98	31	20-165	103	40	J(D6)	
Vinyl chloride	ug/L	0.50U	20	20	24.8	26.6	124	133	57-142	7	40		
Xylene (Total)	ug/L	0.50U	60	60	58.9	44.2	98	74	42-130	28	40		
1,2-Dichloroethane-d4 (S)	%						89	99	86-125				
4-Bromofluorobenzene (S)	%						91	93	70-114				
Dibromofluoromethane (S)	%						103	104	88-117				
Toluene-d8 (S)	%						103	103	87-113				

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: OEXT/6345 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286141 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/08/11 17:26	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/08/11 17:26	

LABORATORY CONTROL SAMPLE: 286142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.25	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	107	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 286609 286610

Parameter	Units	3542467002 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	0.0049 U	.44	.44	0.50	0.50	113	113	60-140	.1	40	
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.054	0.51	12	116	60-140	161	40	J(D6), J(M1)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WET/10825 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006

METHOD BLANK: 286443 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.00	5.0	11/08/11 09:43	

LABORATORY CONTROL SAMPLE: 286444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	90-110	

SAMPLE DUPLICATE: 286445

Parameter	Units	3542315001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	9860	9800	.6	20	

SAMPLE DUPLICATE: 286446

Parameter	Units	3542325007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	61.0	59.0	3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WET/10850 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3542464007, 3542464008, 3542464009

METHOD BLANK: 287356 Matrix: Water
Associated Lab Samples: 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/09/11 10:08	

LABORATORY CONTROL SAMPLE: 287357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	281	94	90-110	

SAMPLE DUPLICATE: 287358

Parameter	Units	3542528001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	371	377	2	20	

SAMPLE DUPLICATE: 287359

Parameter	Units	3542511002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	42.0	40.0	5	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WET/10849 Analysis Method: SM 2540D
QC Batch Method: SM 2540D Analysis Description: 2540D Total Suspended Solids
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 287348 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Suspended Solids	mg/L	5.0U	5.0	11/09/11 11:00	

LABORATORY CONTROL SAMPLE: 287349

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	100	92.0	92	90-110	

SAMPLE DUPLICATE: 287351

Parameter	Units	3542464006 Result	Dup Result	RPD	Max RPD	Qualifiers
Suspended Solids	mg/L	5.0U	5.0U		20	

SAMPLE DUPLICATE: 288004

Parameter	Units	3542443001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	8.0	7.5	6	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WET/10848 Analysis Method: SM 5210B
QC Batch Method: SM 5210B Analysis Description: 5210B BOD, 5 day
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 287316 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
BOD, 5 day	mg/L	2.0U	2.0	11/14/11 11:45	

LABORATORY CONTROL SAMPLE: 287317

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	192	97	85-115	

SAMPLE DUPLICATE: 287318

Parameter	Units	3542439001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	2.6	2.7	3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WET/10843 Analysis Method: SM10200
QC Batch Method: SM10200 Analysis Description: Chlorophyll & Pheophytin
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 287076 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chlorophyll a	ug/L	1.0U	1.0	11/15/11 15:03	

SAMPLE DUPLICATE: 287077

Parameter	Units	3542464001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chlorophyll a	ug/L	1.0U	1.0U		40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13249 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 287081 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/08/11 09:38	

LABORATORY CONTROL SAMPLE: 287082

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.8	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287083 287084

Parameter	Units	3542511001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.7	4.7	93	94	90-110	.3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287085 287086

Parameter	Units	3542511002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.7	4.7	95	95	90-110	.1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13344 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 290946 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/15/11 10:25	

LABORATORY CONTROL SAMPLE: 290947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	0.97	97	90-110	

MATRIX SPIKE SAMPLE: 290949

Parameter	Units	3542464001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	0.97	97	90-110	

SAMPLE DUPLICATE: 290948

Parameter	Units	3542464001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13237 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286582 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.086U	0.50	11/09/11 12:13	

LABORATORY CONTROL SAMPLE: 286583

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	20	21.5	108	90-110	

MATRIX SPIKE SAMPLE: 286585

Parameter	Units	3542484003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.73	20	22.5	109	90-110	

SAMPLE DUPLICATE: 286584

Parameter	Units	3542484003 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	0.73	0.72	.6	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13227 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286447 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.050	11/08/11 10:11	

LABORATORY CONTROL SAMPLE: 286448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2	1.9	93	90-110	

MATRIX SPIKE SAMPLE: 286450

Parameter	Units	3542325002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	2	2.2	108	80-120	

SAMPLE DUPLICATE: 286449

Parameter	Units	3542325002 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.025U	0.096		20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13238 Analysis Method: EPA 365.4
QC Batch Method: EPA 365.4 Analysis Description: 365.4 Phosphorus
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286589 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.10	11/09/11 12:54	

LABORATORY CONTROL SAMPLE: 286590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	4	4.0	100	90-110	

MATRIX SPIKE SAMPLE: 286592

Parameter	Units	3542484003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	4	4.0	100	80-120	

SAMPLE DUPLICATE: 286591

Parameter	Units	3542484003 Result	Dup Result	RPD	Max RPD	Qualifiers
Phosphorus, Total (as P)	mg/L	0.050U	0.050U		20	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13246 Analysis Method: EPA 410.4
QC Batch Method: EPA 410.4 Analysis Description: 410.4 COD
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 286746 Matrix: Water
Associated Lab Samples: 3542464001, 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	12.5U	20.0	11/08/11 14:42	

LABORATORY CONTROL SAMPLE: 286747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	516	103	90-110	

MATRIX SPIKE SAMPLE: 286749

Parameter	Units	3542483001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	41.9	500	517	95	90-110	

SAMPLE DUPLICATE: 286748

Parameter	Units	3542483001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chemical Oxygen Demand	mg/L	41.9	47.9	13	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

QC Batch: WETA/13225 Analysis Method: SM 5310B
QC Batch Method: SM 5310B Analysis Description: 5310B TOC
Associated Lab Samples: 3542464001

METHOD BLANK: 286393 Matrix: Water
Associated Lab Samples: 3542464001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.50U	1.0	11/09/11 07:06	

LABORATORY CONTROL SAMPLE: 286394

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	20	21.0	105	90-110	

MATRIX SPIKE SAMPLE: 286396

Parameter	Units	3542361036 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	2.5	20	27.1	123	80-120	

MATRIX SPIKE SAMPLE: 286398

Parameter	Units	3542503002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	7.0	20	31.8	124	80-120	

SAMPLE DUPLICATE: 286395

Parameter	Units	3542361036 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	2.5	2.6	6	20	

SAMPLE DUPLICATE: 286397

Parameter	Units	3542503002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	7.0	8.0	14	20	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542464

QC Batch: WETA/13292 Analysis Method: SM 5310B
 QC Batch Method: SM 5310B Analysis Description: 5310B TOC
 Associated Lab Samples: 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

METHOD BLANK: 288656 Matrix: Water
 Associated Lab Samples: 3542464002, 3542464003, 3542464004, 3542464005, 3542464006, 3542464007, 3542464008, 3542464009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.50U	1.0	11/10/11 17:47	

LABORATORY CONTROL SAMPLE: 288657

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	20	20.2	101	90-110	

MATRIX SPIKE SAMPLE: 288659

Parameter	Units	3542308002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	0.50U	20	21.1	105	80-120	

MATRIX SPIKE SAMPLE: 288661

Parameter	Units	3542527010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	0.50U	20	20.8	104	80-120	

SAMPLE DUPLICATE: 288658

Parameter	Units	3542308002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.50U	0.50U		20	

SAMPLE DUPLICATE: 288660

Parameter	Units	3542527010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Organic Carbon	mg/L	0.50U	0.50U		20	

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QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

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.

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.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay
PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

J(M0) Estimated Value. Matrix spike recovery was outside laboratory control limits.

J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542464001	Equipment Blank (11/7/11)	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464002	SW-3	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464003	SW-2	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464004	SW-2 DUP	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464005	SW-4	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464006	SW-5	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464007	SW-1	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464008	SW-12	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464009	SW-11	EPA 1631E	CVFS/2854	EPA 1631E	CVFS/2860
3542464002	SW-3		FLD/		
3542464003	SW-2		FLD/		
3542464004	SW-2 DUP		FLD/		
3542464005	SW-4		FLD/		
3542464006	SW-5		FLD/		
3542464007	SW-1		FLD/		
3542464008	SW-12		FLD/		
3542464009	SW-11		FLD/		
3542464001	Equipment Blank (11/7/11)	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464002	SW-3	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464003	SW-2	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464004	SW-2 DUP	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464005	SW-4	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464006	SW-5	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464007	SW-1	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464008	SW-12	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464009	SW-11	EPA 8011	OEXT/6345	EPA 8011	GCSV/4643
3542464001	Equipment Blank (11/7/11)	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464002	SW-3	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464003	SW-2	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464004	SW-2 DUP	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464005	SW-4	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464006	SW-5	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464007	SW-1	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464008	SW-12	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464009	SW-11	EPA 3010	MPRP/6359	EPA 6010	ICP/4393
3542464001	Equipment Blank (11/7/11)	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464002	SW-3	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464003	SW-2	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464004	SW-2 DUP	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464005	SW-4	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464006	SW-5	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464007	SW-1	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464008	SW-12	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464009	SW-11	EPA 3010	MPRP/6360	EPA 6020	ICPM/2823
3542464001	Equipment Blank (11/7/11)	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464002	SW-3	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542464003	SW-2	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464004	SW-2 DUP	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464005	SW-4	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464006	SW-5	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464007	SW-1	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464008	SW-12	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464009	SW-11	SM 9222D	MBIO/6788	SM 9222D	MBIO/6789
3542464001	Equipment Blank (11/7/11)	EPA 8260	MSV/4128		
3542464002	SW-3	EPA 8260	MSV/4128		
3542464003	SW-2	EPA 8260	MSV/4128		
3542464004	SW-2 DUP	EPA 8260	MSV/4128		
3542464005	SW-4	EPA 8260	MSV/4128		
3542464006	SW-5	EPA 8260	MSV/4128		
3542464007	SW-1	EPA 8260	MSV/4128		
3542464008	SW-12	EPA 8260	MSV/4128		
3542464009	SW-11	EPA 8260	MSV/4128		
3542464010	Trip Blank (11/7/11)	EPA 8260	MSV/4128		
3542464001	Equipment Blank (11/7/11)	SM 2540C	WET/10825		
3542464002	SW-3	SM 2540C	WET/10825		
3542464003	SW-2	SM 2540C	WET/10825		
3542464004	SW-2 DUP	SM 2540C	WET/10825		
3542464005	SW-4	SM 2540C	WET/10825		
3542464006	SW-5	SM 2540C	WET/10825		
3542464007	SW-1	SM 2540C	WET/10850		
3542464008	SW-12	SM 2540C	WET/10850		
3542464009	SW-11	SM 2540C	WET/10850		
3542464001	Equipment Blank (11/7/11)	SM 2540D	WET/10849		
3542464002	SW-3	SM 2540D	WET/10849		
3542464003	SW-2	SM 2540D	WET/10849		
3542464004	SW-2 DUP	SM 2540D	WET/10849		
3542464005	SW-4	SM 2540D	WET/10849		
3542464006	SW-5	SM 2540D	WET/10849		
3542464007	SW-1	SM 2540D	WET/10849		
3542464008	SW-12	SM 2540D	WET/10849		
3542464009	SW-11	SM 2540D	WET/10849		
3542464001	Equipment Blank (11/7/11)	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464002	SW-3	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464003	SW-2	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464004	SW-2 DUP	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464005	SW-4	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464006	SW-5	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464007	SW-1	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464008	SW-12	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464009	SW-11	SM 5210B	WET/10848	SM 5210B	WET/10910
3542464001	Equipment Blank (11/7/11)	SM10200	WET/10843	SM10200	WET/10949
3542464002	SW-3	SM10200	WET/10843	SM10200	WET/10949

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542464003	SW-2	SM10200	WET/10843	SM10200	WET/10949
3542464004	SW-2 DUP	SM10200	WET/10843	SM10200	WET/10949
3542464005	SW-4	SM10200	WET/10843	SM10200	WET/10949
3542464006	SW-5	SM10200	WET/10843	SM10200	WET/10949
3542464007	SW-1	SM10200	WET/10843	SM10200	WET/10949
3542464008	SW-12	SM10200	WET/10843	SM10200	WET/10949
3542464009	SW-11	SM10200	WET/10843	SM10200	WET/10949
3542464001	Equipment Blank (11/7/11)	TKN+NOx Calculation	WET/10946		
3542464002	SW-3	TKN+NOx Calculation	WET/10946		
3542464003	SW-2	TKN+NOx Calculation	WET/10946		
3542464004	SW-2 DUP	TKN+NOx Calculation	WET/10946		
3542464005	SW-4	TKN+NOx Calculation	WET/10946		
3542464006	SW-5	TKN+NOx Calculation	WET/10946		
3542464007	SW-1	TKN+NOx Calculation	WET/10946		
3542464008	SW-12	TKN+NOx Calculation	WET/10946		
3542464009	SW-11	TKN+NOx Calculation	WET/10946		
3542464001	Equipment Blank (11/7/11)	EPA 300.0	WETA/13249		
3542464002	SW-3	EPA 300.0	WETA/13249		
3542464003	SW-2	EPA 300.0	WETA/13249		
3542464004	SW-2 DUP	EPA 300.0	WETA/13249		
3542464005	SW-4	EPA 300.0	WETA/13249		
3542464006	SW-5	EPA 300.0	WETA/13249		
3542464007	SW-1	EPA 300.0	WETA/13249		
3542464008	SW-12	EPA 300.0	WETA/13249		
3542464009	SW-11	EPA 300.0	WETA/13249		
3542464001	Equipment Blank (11/7/11)	EPA 350.1	WETA/13344		
3542464002	SW-3	EPA 350.1	WETA/13344		
3542464003	SW-2	EPA 350.1	WETA/13344		
3542464004	SW-2 DUP	EPA 350.1	WETA/13344		
3542464005	SW-4	EPA 350.1	WETA/13344		
3542464006	SW-5	EPA 350.1	WETA/13344		
3542464007	SW-1	EPA 350.1	WETA/13344		
3542464008	SW-12	EPA 350.1	WETA/13344		
3542464009	SW-11	EPA 350.1	WETA/13344		
3542464001	Equipment Blank (11/7/11)	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464002	SW-3	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464003	SW-2	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464004	SW-2 DUP	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464005	SW-4	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464006	SW-5	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464007	SW-1	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464008	SW-12	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464009	SW-11	EPA 351.2	WETA/13237	EPA 351.2	WETA/13244
3542464001	Equipment Blank (11/7/11)	EPA 353.2	WETA/13227		
3542464002	SW-3	EPA 353.2	WETA/13227		
3542464003	SW-2	EPA 353.2	WETA/13227		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542464

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542464004	SW-2 DUP	EPA 353.2	WETA/13227		
3542464005	SW-4	EPA 353.2	WETA/13227		
3542464006	SW-5	EPA 353.2	WETA/13227		
3542464007	SW-1	EPA 353.2	WETA/13227		
3542464008	SW-12	EPA 353.2	WETA/13227		
3542464009	SW-11	EPA 353.2	WETA/13227		
3542464001	Equipment Blank (11/7/11)	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464002	SW-3	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464003	SW-2	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464004	SW-2 DUP	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464005	SW-4	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464006	SW-5	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464007	SW-1	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464008	SW-12	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464009	SW-11	EPA 365.4	WETA/13238	EPA 365.4	WETA/13245
3542464001	Equipment Blank (11/7/11)	EPA 410.4	WETA/13246		
3542464002	SW-3	EPA 410.4	WETA/13246		
3542464003	SW-2	EPA 410.4	WETA/13246		
3542464004	SW-2 DUP	EPA 410.4	WETA/13246		
3542464005	SW-4	EPA 410.4	WETA/13246		
3542464006	SW-5	EPA 410.4	WETA/13246		
3542464007	SW-1	EPA 410.4	WETA/13246		
3542464008	SW-12	EPA 410.4	WETA/13246		
3542464009	SW-11	EPA 410.4	WETA/13246		
3542464001	Equipment Blank (11/7/11)	SM 5310B	WETA/13225		
3542464002	SW-3	SM 5310B	WETA/13292		
3542464003	SW-2	SM 5310B	WETA/13292		
3542464004	SW-2 DUP	SM 5310B	WETA/13292		
3542464005	SW-4	SM 5310B	WETA/13292		
3542464006	SW-5	SM 5310B	WETA/13292		
3542464007	SW-1	SM 5310B	WETA/13292		
3542464008	SW-12	SM 5310B	WETA/13292		
3542464009	SW-11	SM 5310B	WETA/13292		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

35420164



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Section A
Required Client Information:
Company: **Volusia County**
Address: **1790 Tombras Farms Rd**
Daytona Beach, FL 32117
Email To: _____
Phone: _____ Fax: _____
Requested Due Date (AT): _____

Section B
Required Project Information:
Report To: **Seawater Sinek**
Copy To: _____
Purchase Order No.: _____
Project Name: **TOMORROW SW**
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: **FL**

Page: **1** of **1**
1424248

ITEM #	Section D Required Client Information	Section E Matrix Codes MATRIX / CODE	Section F SAMPLE CODE (see valid codes to left)	Section G SAMPLE TYPE (G=GRAB C=COMP)	Section H COLLECTED		Section I PRESERVATIVES	Section J ANALYSIS TEST	Section K Requested Analysis Requested (Y/N)	Section L Residual Chlorine (Y/N)	Section M Pace Project No./ Lab I.D.
					COMPOSITE START	COMPOSITE END/GRAB					
1	EQ		SW-6		DATE: 11/21/11 TIME: 11:00	DATE: 11/21/11 TIME: 11:00	Unpreserved	SOIL VOC			
2	SW-3				DATE: 10/25 TIME: 10:25	DATE: 10/25 TIME: 10:25	H ₂ SO ₄	SOIL VOC			
3	SW-2				DATE: 11/00 TIME: 11:40	DATE: 11/00 TIME: 11:40	HNO ₃	SOIL VOC			
4	DUP				DATE: 12/15 TIME: 12:15	DATE: 12/15 TIME: 12:15	HCl	SOIL VOC			
5	SW-4				DATE: 12/15 TIME: 12:15	DATE: 12/15 TIME: 12:15	NaOH	SOIL VOC			
6	SW-5				DATE: 11/20 TIME: 13:00	DATE: 11/20 TIME: 13:00	Na ₂ S ₂ O ₈	SOIL VOC			
7	SW-1						Methanol	SOIL VOC			
8	SW-12						Other	SOIL VOC			
9	SW-11							SOIL VOC			
10	TRIP BLANK							SOIL VOC			
11					DATE: 11/21/11 TIME: 14:45	DATE: 11/21/11 TIME: 14:45		SOIL VOC			
12								SOIL VOC			

Section N
Additional Comments: _____

Section O
Reinquisitioned By / Affiliation: _____ DATE: 11/21/11 TIME: 14:45

Section P
Accepted By / Affiliation: _____ DATE: 11/21/11 TIME: 14:45

Section Q
Sampler Name and Signature: _____
 PRINT Name of Sampler: **JAMES STOLNECAGE**
 SIGNATURE OF SAMPLER: _____
 DATE SIGNED (MM/DD/YYYY): **11/21/11**

Section R
Temp in °C: _____
 Received on: _____
 Custody: _____
 Sealed Cooler: _____
 Samples Intact: _____



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 04

Document Revised:
September 23, 2011
Issuing Authorities:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Vol City Project # 345 3542 464

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: 11/7/11 dls

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used T77 Type of Ice: Wet Blue None

Cooler Temperature °C 10.8 (Visual) -0.3 (Correction Factor) 10.5 (Actual)

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

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met: _____ If no, then mark box & describe issue (use comments area if necessary): _____

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

Client Notification/ Resolution: _____
Person Contacted: _____ Date/Time: _____

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

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Project Manager Review: A Date: 11/7/11

Finished Product Information Only	
F.P. Sample ID: _____	Size & Qty of Bottles Received <input type="checkbox"/> x 5 Gal <input type="checkbox"/> x 2.5 Gal <input type="checkbox"/> x 1 Gal <input type="checkbox"/> x 1 Liter <input type="checkbox"/> x 500 mL <input type="checkbox"/> x 250 mL <input type="checkbox"/> x Other: _____
Production Code: _____	
Date/Time Opened: _____	
Number of Unopened Bottles Remaining: _____	
Extra Sample in Shed: Yes No	

November 16, 2011

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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.: 3542615

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 08, 2011. 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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3542615001	Equipment Blank (11/8/11)	Water	11/08/11 09:45	11/08/11 17:16
3542615002	B70-1	Water	11/08/11 10:28	11/08/11 17:16
3542615003	B70-1 DUP	Water	11/08/11 10:42	11/08/11 17:16
3542615004	B70-2	Water	11/08/11 11:20	11/08/11 17:16
3542615005	B71	Water	11/08/11 12:03	11/08/11 17:16
3542615006	B72	Water	11/08/11 13:02	11/08/11 17:16
3542615007	B73-1	Water	11/08/11 14:03	11/08/11 17:16
3542615008	B73-2	Water	11/08/11 14:34	11/08/11 17:16
3542615009	B74	Water	11/08/11 15:36	11/08/11 17:16
3542615010	B75	Water	11/08/11 16:17	11/08/11 17:16
3542615011	Trip Blank (11/8/11)	Water	11/08/11 08:00	11/08/11 17:16

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SAMPLE ANALYTE COUNT *DEP Central Dist.*

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542615001	Equipment Blank (11/8/11)	EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
3542615002	B70-1	EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
3542615003	B70-1 DUP	EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
3542615004	B70-2	EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542615005	B71	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3542615006	B72	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3542615007	B73-1	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3542615008	B73-2	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	RSW	1	PASI-O

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SAMPLE ANALYTE COUNT

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
3542615009	B74	EPA 8260	SK	49	PASI-O		
		SM 2540C	MMD	1	PASI-O		
		EPA 300.0	IRL	1	PASI-O		
		EPA 300.0	IRL	2	PASI-O		
		EPA 350.1	SOA	1	PASI-O		
			JSB	9	PASI-O		
		EPA 8011	JLR	2	PASI-O		
		EPA 6010	IST	15	PASI-O		
		EPA 6020	HEA	2	PASI-O		
		EPA 7470	RSW	1	PASI-O		
		EPA 8260	SK	49	PASI-O		
		SM 2540C	MMD	1	PASI-O		
		EPA 300.0	IRL	1	PASI-O		
		EPA 300.0	IRL	2	PASI-O		
		EPA 350.1	SOA	1	PASI-O		
3542615010	B75		JSB	9	PASI-O		
		EPA 8011	JLR	2	PASI-O		
		EPA 6010	IST	15	PASI-O		
		EPA 6020	HEA	2	PASI-O		
		EPA 7470	RSW	1	PASI-O		
		EPA 8260	SK	49	PASI-O		
		SM 2540C	MMD	1	PASI-O		
		EPA 300.0	IRL	1	PASI-O		
		EPA 300.0	IRL	2	PASI-O		
		EPA 350.1	SOA	1	PASI-O		
		3542615011	Trip Blank (11/8/11)	EPA 8260	SK	51	PASI-O

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542615002	B70-1					
	Field pH	5.93	Std. Units		11/08/11 10:28	
	Field Temperature	23.59	deg C		11/08/11 10:28	
	Appearance	Color:			11/08/11 10:28	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	260	umhos/cm		11/08/11 10:28	
	Oxygen, Dissolved	0.26	mg/L		11/08/11 10:28	
	REDOX	48.0	mV		11/08/11 10:28	
	Turbidity	0.12	NTU		11/08/11 10:28	
	Depth to Water	10.0	feet		11/08/11 10:28	
	Water Level(NGVD)	21.03	feet		11/08/11 10:28	
EPA 6010	Barium	29.8	ug/L	10.0	11/10/11 05:24	
EPA 6010	Iron	5140	ug/L	40.0	11/10/11 05:24	
EPA 6010	Sodium	23.1	mg/L	1.0	11/10/11 05:24	
SM 2540C	Total Dissolved Solids	171	mg/L	5.0	11/10/11 10:12	
EPA 300.0	Chloride	20.0	mg/L	5.0	11/09/11 08:18	
EPA 300.0	Sulfate	45.0	mg/L	5.0	11/09/11 08:18	J(M1)
3542615003	B70-1 DUP					
	Field pH	5.93	Std. Units		11/08/11 10:42	
	Field Temperature	23.59	deg C		11/08/11 10:42	
	Appearance	Color:			11/08/11 10:42	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	260	umhos/cm		11/08/11 10:42	
	Oxygen, Dissolved	0.26	mg/L		11/08/11 10:42	
	REDOX	48.0	mV		11/08/11 10:42	
	Turbidity	0.12	NTU		11/08/11 10:42	
	Depth to Water	10.0	feet		11/08/11 10:42	
	Water Level(NGVD)	21.03	feet		11/08/11 10:42	
EPA 6010	Barium	32.0	ug/L	10.0	11/10/11 05:36	
EPA 6010	Iron	5400	ug/L	40.0	11/10/11 05:36	
EPA 6010	Sodium	24.5	mg/L	1.0	11/10/11 05:36	
SM 2540C	Total Dissolved Solids	175	mg/L	5.0	11/10/11 10:12	
EPA 300.0	Chloride	20.2	mg/L	5.0	11/09/11 08:54	
EPA 300.0	Sulfate	46.0	mg/L	5.0	11/09/11 08:54	
EPA 350.1	Nitrogen, Ammonia	0.020U	mg/L	0.050	11/16/11 07:06	
3542615004	B70-2					
	Field pH	5.25	Std. Units		11/08/11 11:20	
	Field Temperature	24.80	deg C		11/08/11 11:20	
	Appearance	Color:			11/08/11 11:20	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	266	umhos/cm		11/08/11 11:20	
	Oxygen, Dissolved	0.52	mg/L		11/08/11 11:20	
	REDOX	76.1	mV		11/08/11 11:20	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542615004	B70-2					
	Turbidity	14.8	NTU		11/08/11 11:20	
	Depth to Water	10.17	feet		11/08/11 11:20	
	Water Level(NGVD)	21.34	feet		11/08/11 11:20	
EPA 6010	Barium	40.6	ug/L	10.0	11/10/11 05:41	
EPA 6010	Iron	9790	ug/L	40.0	11/10/11 05:41	
EPA 6010	Sodium	18.0	mg/L	1.0	11/10/11 05:41	
EPA 6010	Vanadium	5.9	ug/L	10.0	11/10/11 05:41	
EPA 6010	Zinc	20.6	ug/L	20.0	11/10/11 05:41	
SM 2540C	Total Dissolved Solids	162	mg/L	5.0	11/10/11 10:12	
EPA 300.0	Nitrate as N	0.22	mg/L	0.050	11/09/11 09:06	
EPA 300.0	Chloride	23.3	mg/L	5.0	11/09/11 09:06	
EPA 300.0	Sulfate	47.5	mg/L	5.0	11/09/11 09:06	
3542615005	B71					
	Field pH	5.02	Std. Units		11/08/11 12:03	
	Field Temperature	25.14	deg C		11/08/11 12:03	
	Appearance	Color:			11/08/11 12:03	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	282	umhos/cm		11/08/11 12:03	
	Oxygen, Dissolved	0.41	mg/L		11/08/11 12:03	
	REDOX	101.8	mV		11/08/11 12:03	
	Turbidity	4.48	NTU		11/08/11 12:03	
	Depth to Water	9.43	feet		11/08/11 12:03	
	Water Level(NGVD)	21.32	feet		11/08/11 12:03	
EPA 6010	Barium	25.0	ug/L	10.0	11/10/11 05:45	
EPA 6010	Chromium	2.9	ug/L	5.0	11/10/11 05:45	
EPA 6010	Iron	6480	ug/L	40.0	11/10/11 05:45	
EPA 6010	Sodium	8.6	mg/L	1.0	11/10/11 05:45	
EPA 6010	Vanadium	5.0	ug/L	10.0	11/10/11 05:45	
EPA 6010	Zinc	48.2	ug/L	20.0	11/10/11 05:45	
SM 2540C	Total Dissolved Solids	199	mg/L	5.0	11/10/11 10:13	
EPA 300.0	Nitrate as N	0.13	mg/L	0.050	11/09/11 09:18	
EPA 300.0	Chloride	7.6	mg/L	5.0	11/09/11 09:18	
EPA 300.0	Sulfate	80.0	mg/L	5.0	11/09/11 09:18	
EPA 350.1	Nitrogen, Ammonia	0.039	mg/L	0.050	11/16/11 07:08	
3542615006	B72					
	Field pH	6.26	Std. Units		11/08/11 13:02	
	Field Temperature	25.86	deg C		11/08/11 13:02	
	Appearance	Color:			11/08/11 13:02	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	617	umhos/cm		11/08/11 13:02	
	Oxygen, Dissolved	0.99	mg/L		11/08/11 13:02	
	REDOX	32.1	mV		11/08/11 13:02	
	Turbidity	8.41	NTU		11/08/11 13:02	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542615006	B72		Depth to Water	7.62	feet		11/08/11 13:02	
			Water Level(NGVD)	21.31	feet		11/08/11 13:02	
EPA 6010			Barium	50.4	ug/L	10.0	11/10/11 05:57	
EPA 6010			Iron	2810	ug/L	40.0	11/10/11 05:57	
EPA 6010			Sodium	8.4	mg/L	1.0	11/10/11 05:57	
SM 2540C			Total Dissolved Solids	386	mg/L	5.0	11/10/11 10:16	
EPA 300.0			Chloride	5.5	mg/L	5.0	11/09/11 10:26	
EPA 300.0			Sulfate	91.2	mg/L	10.0	11/11/11 00:56	
3542615007	B73-1		Field pH	7.03	Std. Units		11/08/11 14:03	
			Field Temperature	24.44	deg C		11/08/11 14:03	
			Appearance	Color:			11/08/11 14:03	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	835	umhos/cm		11/08/11 14:03	
			Oxygen, Dissolved	0.14	mg/L		11/08/11 14:03	
			REDOX	65.2	mV		11/08/11 14:03	
			Turbidity	0.17	NTU		11/08/11 14:03	
			Depth to Water	8.27	feet		11/08/11 14:03	
			Water Level(NGVD)	20.93	feet		11/08/11 14:03	
EPA 6010			Barium	57.5	ug/L	10.0	11/10/11 06:01	
EPA 6010			Iron	14100	ug/L	40.0	11/10/11 06:01	
EPA 6010			Sodium	49.6	mg/L	1.0	11/10/11 06:01	
SM 2540C			Total Dissolved Solids	489	mg/L	5.0	11/10/11 10:16	
EPA 300.0			Chloride	59.8	mg/L	5.0	11/09/11 11:39	
EPA 300.0			Sulfate	6.9	mg/L	5.0	11/09/11 11:39	
EPA 350.1			Nitrogen, Ammonia	0.13	mg/L	0.050	11/16/11 07:10	
3542615008	B73-2		Field pH	5.68	Std. Units		11/08/11 14:34	
			Field Temperature	25.12	deg C		11/08/11 14:34	
			Appearance	Color:			11/08/11 14:34	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	229	umhos/cm		11/08/11 14:34	
			Oxygen, Dissolved	0.92	mg/L		11/08/11 14:34	
			REDOX	44.9	mV		11/08/11 14:34	
			Turbidity	10.84	NTU		11/08/11 14:34	
			Depth to Water	7.57	feet		11/08/11 14:34	
			Water Level(NGVD)	21.38	feet		11/08/11 14:34	
EPA 6010			Barium	27.1	ug/L	10.0	11/10/11 06:05	
EPA 6010			Iron	859	ug/L	40.0	11/10/11 06:05	
EPA 6010			Nickel	2.8	ug/L	5.0	11/10/11 06:05	
EPA 6010			Sodium	4.4	mg/L	1.0	11/10/11 06:05	
EPA 6010			Zinc	17.0	ug/L	20.0	11/10/11 06:05	
SM 2540C			Total Dissolved Solids	167	mg/L	5.0	11/10/11 10:17	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542615008	B73-2					
EPA 300.0	Nitrate as N	1.1	mg/L	0.050	11/09/11 11:51	
EPA 300.0	Chloride	3.91	mg/L	5.0	11/09/11 11:51	
EPA 300.0	Sulfate	12.8	mg/L	5.0	11/09/11 11:51	
3542615009	B74					
	Field pH	4.99	Std. Units		11/08/11 15:36	
	Field Temperature	25.10	deg C		11/08/11 15:36	
	Appearance	Color:	None,		11/08/11 15:36	
		Sheen:	None			
	Field Specific Conductance	149	umhos/cm		11/08/11 15:36	
	Oxygen, Dissolved	1.43	mg/L		11/08/11 15:36	
	REDOX	106.8	mV		11/08/11 15:36	
	Turbidity	9.46	NTU		11/08/11 15:36	
	Depth to Water	14.45	feet		11/08/11 15:36	
	Water Level(NGVD)	19.33	feet		11/08/11 15:36	
EPA 6010	Barium	7.71	ug/L	10.0	11/10/11 06:09	
EPA 6010	Iron	798	ug/L	40.0	11/10/11 06:09	
EPA 6010	Sodium	5.1	mg/L	1.0	11/10/11 06:09	
SM 2540C	Total Dissolved Solids	126	mg/L	5.0	11/10/11 10:17	
EPA 300.0	Chloride	7.3	mg/L	5.0	11/09/11 12:04	
EPA 300.0	Sulfate	9.3	mg/L	5.0	11/09/11 12:04	
EPA 350.1	Nitrogen, Ammonia	0.0381	mg/L	0.050	11/16/11 07:12	
3542615010	B75					
	Field pH	7.14	Std. Units		11/08/11 16:17	
	Field Temperature	25.34	deg C		11/08/11 16:17	
	Appearance	Color:	None,		11/08/11 16:17	
		Sheen:	None			
	Field Specific Conductance	1272	umhos/cm		11/08/11 16:17	
	Oxygen, Dissolved	0.22	mg/L		11/08/11 16:17	
	REDOX	-49.2	mV		11/08/11 16:17	
	Turbidity	10.54	NTU		11/08/11 16:17	
	Depth to Water	11.60	feet		11/08/11 16:17	
	Water Level(NGVD)	20.02	feet		11/08/11 16:17	
EPA 6010	Arsenic	18.9	ug/L	10.0	11/10/11 06:13	
EPA 6010	Barium	92.3	ug/L	10.0	11/10/11 06:13	
EPA 6010	Cadmium	0.511	ug/L	1.0	11/10/11 06:13	
EPA 6010	Iron	44200	ug/L	40.0	11/10/11 06:13	
EPA 6010	Sodium	54.0	mg/L	1.0	11/10/11 06:13	
EPA 6010	Vanadium	5.61	ug/L	10.0	11/10/11 06:13	
EPA 8260	Benzene	2.5	ug/L	1.0	11/15/11 14:46	
EPA 8260	1,1-Dichloroethane	0.851	ug/L	1.0	11/15/11 14:46	
EPA 8260	Vinyl chloride	0.641	ug/L	1.0	11/15/11 14:46	
SM 2540C	Total Dissolved Solids	796	mg/L	10.0	11/10/11 10:17	
EPA 300.0	Chloride	74.0	mg/L	10.0	11/09/11 12:28	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542615

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542615010	B75					
EPA 300.0	Sulfate	17.8	mg/L	10.0	11/09/11 12:28	
EPA 350.1	Nitrogen, Ammonia	0.96	mg/L	0.050	11/16/11 07:13	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: Equipment Blank (11/8/11) Lab ID: 3542615001 Collected: 11/08/11 09:45 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.021	0.0050	1	11/10/11 12:00	11/10/11 14:56	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/10/11 12:00	11/10/11 14:56	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:20	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:20	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:20	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:20	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:20	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:20	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:20	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 05:20	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:20	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:20	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 05:20	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:20	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:20	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:20	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 05:20	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:28	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:28	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 01:58	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 09:56	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 09:56	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 09:56	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: Equipment Blank (11/8/11) Lab ID: 3542615001 Collected: 11/08/11 09:45 Received: 11/08/11 17:16 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		11/15/11 09:56	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 09:56	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 09:56	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 09:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 09:56	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 09:56	79-34-5	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 09:56	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 09:56	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 09:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/15/11 09:56	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/15/11 09:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/15/11 09:56	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		11/15/11 09:56	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/10/11 10:12		
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/09/11 08:06	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/09/11 08:06	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/09/11 08:06	14808-79-8	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: Equipment Blank (11/8/11) Lab ID: 3542615001 Collected: 11/08/11 09:45 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:00	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B70-1 Lab ID: 3542615002 Collected: 11/08/11 10:28 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.93	Std. Units			1		11/08/11 10:28		
Field Temperature	23.59	deg C			1		11/08/11 10:28		
Appearance	Color:	None,			1		11/08/11 10:28		
	Sheen:	None							
Field Specific Conductance	260	umhos/cm			1		11/08/11 10:28		
Oxygen, Dissolved	0.26	mg/L			1		11/08/11 10:28	7782-44-7	
REDOX	48.0	mV			1		11/08/11 10:28		
Turbidity	0.12	NTU			1		11/08/11 10:28		
Depth to Water	10.0	feet			1		11/08/11 10:28		
Water Level(NGVD)	21.03	feet			1		11/08/11 10:28		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0052U	ug/L	0.021	0.0052	1	11/10/11 12:00	11/10/11 15:12	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.011	0.0065	1	11/10/11 12:00	11/10/11 15:12	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:24	7440-38-2	
Barium	29.8	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:24	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:24	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:24	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:24	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:24	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:24	7440-50-8	
Iron	5140	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 05:24	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:24	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:24	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 05:24	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:24	7440-22-4	
Sodium	23.1	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:24	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:24	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 05:24	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:42	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:42	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:06	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	74-97-5	

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B70-1 Lab ID: 3542615002 Collected: 11/08/11 10:28 Received: 11/08/11 17:16 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		11/15/11 12:23	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 12:23	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 12:23	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 12:23	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 12:23	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 12:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 12:23	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 12:23	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 12:23	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 12:23	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 12:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-114		1		11/15/11 12:23	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/15/11 12:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	108 %		86-125		1		11/15/11 12:23	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 12:23	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B70-1 Lab ID: 3542615002 Collected: 11/08/11 10:28 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	171	mg/L	5.0	5.0	1		11/10/11 10:12		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/09/11 08:18	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	20.0	mg/L	5.0	2.5	1		11/09/11 08:18	16887-00-6	
Sulfate	45.0	mg/L	5.0	2.5	1		11/09/11 08:18	14808-79-8	J(M1)
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:03	7664-41-7	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

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Sample: B70-1 DUP Lab ID: 3542615003 Collected: 11/08/11 10:42 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.93	Std. Units			1		11/08/11 10:42		
Field Temperature	23.59	deg C			1		11/08/11 10:42		
Appearance	Color:				1		11/08/11 10:42		
	Sheen:								
	None								
Field Specific Conductance	260	umhos/cm			1		11/08/11 10:42		
Oxygen, Dissolved	0.26	mg/L			1		11/08/11 10:42	7782-44-7	
REDOX	48.0	mV			1		11/08/11 10:42		
Turbidity	0.12	NTU			1		11/08/11 10:42		
Depth to Water	10.0	feet			1		11/08/11 10:42		
Water Level(NGVD)	21.03	feet			1		11/08/11 10:42		
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	11/10/11 12:00	11/10/11 15:58	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/10/11 12:00	11/10/11 15:58	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:36	7440-38-2	
Barium	32.0	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:36	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:36	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:36	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:36	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:36	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:36	7440-50-8	
Iron	5400	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 05:36	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:36	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:36	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 05:36	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:36	7440-22-4	
Sodium	24.5	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:36	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:36	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 05:36	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:44	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:44	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:09	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B70-1 DUP Lab ID: 3542615003 Collected: 11/08/11 10:42 Received: 11/08/11 17:16 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		11/15/11 12:48	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 12:48	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 12:48	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 12:48	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 12:48	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 12:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 12:48	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 12:48	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 12:48	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 12:48	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 12:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/15/11 12:48	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 12:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		86-125		1		11/15/11 12:48	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/15/11 12:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B70-1 DUP Lab ID: 3542615003 Collected: 11/08/11 10:42 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	175	mg/L	5.0	5.0	1		11/10/11 10:12		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/09/11 08:54	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	20.2	mg/L	5.0	2.5	1		11/09/11 08:54	16887-00-6	
Sulfate	46.0	mg/L	5.0	2.5	1		11/09/11 08:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:06	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B70-2 Lab ID: 3542615004 Collected: 11/08/11 11:20 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.25	Std. Units			1		11/08/11 11:20		
Field Temperature	24.80	deg C			1		11/08/11 11:20		
Appearance	Color: Brown, Sheen: None				1		11/08/11 11:20		
Field Specific Conductance	266	umhos/cm			1		11/08/11 11:20		
Oxygen, Dissolved	0.52	mg/L			1		11/08/11 11:20	7782-44-7	
REDOX	76.1	mV			1		11/08/11 11:20		
Turbidity	14.8	NTU			1		11/08/11 11:20		
Depth to Water	10.17	feet			1		11/08/11 11:20		
Water Level(NGVD)	21.34	feet			1		11/08/11 11:20		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	11/10/11 12:00	11/10/11 16:13	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	11/10/11 12:00	11/10/11 16:13	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Chromium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:41	7440-38-2	
Cadmium	40.6	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:41	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:41	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:41	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:41	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:41	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:41	7440-50-8	
Iron	9790	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 05:41	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:41	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:41	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 05:41	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:41	7440-22-4	
Sodium	18.0	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:41	7440-23-5	
Vanadium	5.9	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:41	7440-62-2	
Zinc	20.6	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 05:41	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:51	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:51	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:12	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: **B70-2** Lab ID: **3542615004** Collected: 11/08/11 11:20 Received: 11/08/11 17:16 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		11/15/11 10:45	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 10:45	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 10:45	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 10:45	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 10:45	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 10:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 10:45	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 10:45	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 10:45	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 10:45	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 10:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/15/11 10:45	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 10:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/15/11 10:45	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 10:45	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542615

Sample: B70-2 Lab ID: 3542615004 Collected: 11/08/11 11:20 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	162	mg/L	5.0	5.0	1		11/10/11 10:12		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.22	mg/L	0.050	0.025	1		11/09/11 09:06	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	23.3	mg/L	5.0	2.5	1		11/09/11 09:06	16887-00-6	
Sulfate	47.5	mg/L	5.0	2.5	1		11/09/11 09:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:07	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B71 Lab ID: 3542615005 Collected: 11/08/11 12:03 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.02	Std. Units			1		11/08/11 12:03		
Field Temperature	25.14	deg C			1		11/08/11 12:03		
Appearance	Color:				1		11/08/11 12:03		
	None,								
	Sheen:								
	None								
Field Specific Conductance	282	umhos/cm			1		11/08/11 12:03		
Oxygen, Dissolved	0.41	mg/L			1		11/08/11 12:03	7782-44-7	
REDOX	101.8	mV			1		11/08/11 12:03		
Turbidity	4.48	NTU			1		11/08/11 12:03		
Depth to Water	9.43	feet			1		11/08/11 12:03		
Water Level(NGVD)	21.32	feet			1		11/08/11 12:03		
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	11/10/11 12:00	11/10/11 16:29	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 16:29	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:45	7440-38-2	
Barium	25.0	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:45	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:45	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:45	7440-43-9	
Chromium	2.9 I	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:45	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:45	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:45	7440-50-8	
Iron	6480	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 05:45	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:45	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:45	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 05:45	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:45	7440-22-4	
Sodium	8.6	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:45	7440-23-5	
Vanadium	5.0 I	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:45	7440-62-2	
Zinc	48.2	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 05:45	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:53	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:53	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:15	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	74-97-5	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B71 Lab ID: 3542615005 Collected: 11/08/11 12:03 Received: 11/08/11 17:16 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		11/15/11 11:10	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 11:10	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 11:10	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 11:10	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 11:10	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 11:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 11:10	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 11:10	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 11:10	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 11:10	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 11:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92 %		70-114		1		11/15/11 11:10	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/15/11 11:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	107 %		86-125		1		11/15/11 11:10	17060-07-0	
Toluene-d8 (S)	98 %		87-113		1		11/15/11 11:10	2037-26-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B71 Lab ID: 3542615005 Collected: 11/08/11 12:03 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	199	mg/L	5.0	5.0	1		11/10/11 10:13		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.13	mg/L	0.050	0.025	1		11/09/11 09:18	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	7.6	mg/L	5.0	2.5	1		11/09/11 09:18	16887-00-6	
Sulfate	80.0	mg/L	5.0	2.5	1		11/09/11 09:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.0391	mg/L	0.050	0.020	1		11/16/11 07:08	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B72 Lab ID: 3542615006 Collected: 11/08/11 13:02 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.26	Std. Units			1		11/08/11 13:02		
Field Temperature	25.86	deg C			1		11/08/11 13:02		
Appearance	Color:	None,			1		11/08/11 13:02		
	Sheen:	None							
Field Specific Conductance	617	umhos/cm			1		11/08/11 13:02		
Oxygen, Dissolved	0.99	mg/L			1		11/08/11 13:02	7782-44-7	
REDOX	32.1	mV			1		11/08/11 13:02		
Turbidity	8.41	NTU			1		11/08/11 13:02		
Depth to Water	7.62	feet			1		11/08/11 13:02		
Water Level(NGVD)	21.31	feet			1		11/08/11 13:02		
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	11/10/11 12:00	11/10/11 16:44	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 16:44	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:57	7440-38-2	
Barium	50.4	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:57	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:57	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:57	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:57	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:57	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:57	7440-50-8	
Iron	2810	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 05:57	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:57	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:57	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 05:57	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 05:57	7440-22-4	
Sodium	8.4	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 05:57	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 05:57	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 05:57	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:56	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 18:56	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:18	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	74-97-5	

11/16/2011 05:35 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B72 Lab ID: 3542615006 Collected: 11/08/11 13:02 Received: 11/08/11 17:16 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		11/15/11 11:34	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 11:34	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 11:34	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 11:34	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 11:34	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 11:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 11:34	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 11:34	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 11:34	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 11:34	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 11:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-114		1		11/15/11 11:34	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/15/11 11:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/15/11 11:34	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/15/11 11:34	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542615

Sample: B72 Lab ID: 3542615006 Collected: 11/08/11 13:02 Received: 11/08/11 17:16 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		11/10/11 10:16		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/09/11 10:26	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	5.5	mg/L	5.0	2.5	1		11/09/11 10:26	16887-00-6	
Sulfate	91.2	mg/L	10.0	5.0	2		11/11/11 00:56	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:09	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B73-1 Lab ID: 3542615007 Collected: 11/08/11 14:03 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data Analytical Method:

Field pH	7.03	Std. Units			1		11/08/11 14:03		
Field Temperature	24.44	deg C			1		11/08/11 14:03		
Appearance	Color:				1		11/08/11 14:03		
	None,								
	Sheen:								
	None								
Field Specific Conductance	835	umhos/cm			1		11/08/11 14:03		
Oxygen, Dissolved	0.14	mg/L			1		11/08/11 14:03	7782-44-7	
REDOX	65.2	mV			1		11/08/11 14:03		
Turbidity	0.17	NTU			1		11/08/11 14:03		
Depth to Water	8.27	feet			1		11/08/11 14:03		
Water Level(NGVD)	20.93	feet			1		11/08/11 14:03		

8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011

1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	11/10/11 12:00	11/10/11 17:00	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/10/11 12:00	11/10/11 17:00	106-93-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Arsenic	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:01	7440-38-2	
Barium	57.5	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:01	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:01	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:01	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:01	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:01	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:01	7440-50-8	
Iron	14100	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 06:01	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:01	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:01	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 06:01	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:01	7440-22-4	
Sodium	49.6	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:01	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:01	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 06:01	7440-66-6	

6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010

Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:05	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:05	7440-28-0	

7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470

Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:21	7439-97-6	
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8260 MSV Analytical Method: EPA 8260

Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B73-1 Lab ID: 3542615007 Collected: 11/08/11 14:03 Received: 11/08/11 17:16 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		11/15/11 11:59	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 11:59	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 11:59	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 11:59	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 11:59	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 11:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 11:59	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 11:59	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 11:59	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 11:59	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 11:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/15/11 11:59	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/15/11 11:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		86-125		1		11/15/11 11:59	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/15/11 11:59	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542615

Sample: B73-1 Lab ID: 3542615007 Collected: 11/08/11 14:03 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	489	mg/L	5.0	5.0	1		11/10/11 10:16		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/09/11 11:39	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	59.8	mg/L	5.0	2.5	1		11/09/11 11:39	16887-00-6	
Sulfate	6.9	mg/L	5.0	2.5	1		11/09/11 11:39	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.13	mg/L	0.050	0.020	1		11/16/11 07:10	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B73-2 Lab ID: 3542615008 Collected: 11/08/11 14:34 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.68	Std. Units			1		11/08/11 14:34		
Field Temperature	25.12	deg C			1		11/08/11 14:34		
Appearance	Color:	None,			1		11/08/11 14:34		
	Sheen:	None							
Field Specific Conductance	229	umhos/cm			1		11/08/11 14:34		
Oxygen, Dissolved	0.92	mg/L			1		11/08/11 14:34	7782-44-7	
REDOX	44.9	mV			1		11/08/11 14:34		
Turbidity	10.84	NTU			1		11/08/11 14:34		
Depth to Water	7.57	feet			1		11/08/11 14:34		
Water Level(NGVD)	21.38	feet			1		11/08/11 14:34		
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	11/10/11 12:00	11/10/11 17:30	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 17:30	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Chromium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:05	7440-38-2	
Lead	27.1	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:05	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:05	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:05	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:05	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:05	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:05	7440-50-8	
Iron	859	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 06:05	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:05	7439-92-1	
Nickel	2.8 I	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:05	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 06:05	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:05	7440-22-4	
Sodium	4.4	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:05	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:05	7440-62-2	
Zinc	17.0 I	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 06:05	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:08	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:08	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:24	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	74-97-5	

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ANALYTICAL RESULTS
DEP Central Dist.
DEP Central Dist.

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B73-2 Lab ID: 3542615008 Collected: 11/08/11 14:34 Received: 11/08/11 17:16 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		11/15/11 14:21	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 14:21	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 14:21	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:21	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:21	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 14:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:21	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 14:21	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 14:21	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 14:21	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 14:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/15/11 14:21	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/15/11 14:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/15/11 14:21	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 14:21	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B73-2 Lab ID: 3542615008 Collected: 11/08/11 14:34 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	167	mg/L	5.0	5.0	1		11/10/11 10:17		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	1.1	mg/L	0.050	0.025	1		11/09/11 11:51	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	3.91	mg/L	5.0	2.5	1		11/09/11 11:51	16887-00-6	
Sulfate	12.8	mg/L	5.0	2.5	1		11/09/11 11:51	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:11	7664-41-7	

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ANALYTICAL RESULTS DEP Central Dist.

Project: Tomoka Semi-annual LF

Pace Project No.: 3542615

Sample: B74 Lab ID: 3542615009 Collected: 11/08/11 15:36 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	4.99	Std. Units			1		11/08/11 15:36		
Field Temperature	25.10	deg C			1		11/08/11 15:36		
Appearance	Color: None, Sheen: None				1		11/08/11 15:36		
Field Specific Conductance	149	umhos/cm			1		11/08/11 15:36		
Oxygen, Dissolved	1.43	mg/L			1		11/08/11 15:36	7782-44-7	
REDOX	106.8	mV			1		11/08/11 15:36		
Turbidity	9.46	NTU			1		11/08/11 15:36		
Depth to Water	14.45	feet			1		11/08/11 15:36		
Water Level(NGVD)	19.33	feet			1		11/08/11 15:36		
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	11/10/11 12:00	11/10/11 17:46	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 17:46	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:09	7440-38-2	
Barium	7.7 l	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:09	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:09	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:09	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:09	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:09	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:09	7440-50-8	
Iron	798	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 06:09	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:09	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:09	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 06:09	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:09	7440-22-4	
Sodium	5.1	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:09	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:09	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 06:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:10	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:10	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:27	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B74 Lab ID: 3542615009 Collected: 11/08/11 15:36 Received: 11/08/11 17:16 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		11/15/11 15:10	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 15:10	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 15:10	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 15:10	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 15:10	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 15:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 15:10	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 15:10	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 15:10	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 15:10	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 15:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107 %		70-114		1		11/15/11 15:10	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/15/11 15:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	102 %		86-125		1		11/15/11 15:10	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 15:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B74 Lab ID: 3542615009 Collected: 11/08/11 15:36 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	126	mg/L	5.0	5.0	1		11/10/11 10:17		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/09/11 12:04	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	7.3	mg/L	5.0	2.5	1		11/09/11 12:04	16887-00-6	
Sulfate	9.3	mg/L	5.0	2.5	1		11/09/11 12:04	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.038 I	mg/L	0.050	0.020	1		11/16/11 07:12	7664-41-7	

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ANALYTICAL RESULTS DEP Central Dist

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B75 Lab ID: 3542615010 Collected: 11/08/11 16:17 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	7.14	Std. Units			1		11/08/11 16:17		
Field Temperature	25.34	deg C			1		11/08/11 16:17		
Appearance	Color:	None,			1		11/08/11 16:17		
	Sheen:	None							
Field Specific Conductance	1272	umhos/cm			1		11/08/11 16:17		
Oxygen, Dissolved	0.22	mg/L			1		11/08/11 16:17	7782-44-7	
REDOX	-49.2	mV			1		11/08/11 16:17		
Turbidity	10.54	NTU			1		11/08/11 16:17		
Depth to Water	11.60	feet			1		11/08/11 16:17		
Water Level(NGVD)	20.02	feet			1		11/08/11 16:17		
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	11/10/11 12:00	11/10/11 18:01	96-12-8	
1,2-Dibromoethane (EDB)	0.0061U	ug/L	0.0098	0.0061	1	11/10/11 12:00	11/10/11 18:01	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	18.9	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:13	7440-38-2	
Barium	92.3	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:13	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:13	7440-41-7	
Cadmium	0.51 l	ug/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:13	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:13	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:13	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:13	7440-50-8	
Iron	44200	ug/L	40.0	20.0	1	11/09/11 10:43	11/10/11 06:13	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:13	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:13	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/09/11 10:43	11/10/11 06:13	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/09/11 10:43	11/10/11 06:13	7440-22-4	
Sodium	54.0	mg/L	1.0	0.50	1	11/09/11 10:43	11/10/11 06:13	7440-23-5	
Vanadium	5.6 l	ug/L	10.0	5.0	1	11/09/11 10:43	11/10/11 06:13	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/09/11 10:43	11/10/11 06:13	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:12	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/09/11 10:43	11/09/11 19:12	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/09/11 05:25	11/10/11 02:30	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	107-13-1	
Benzene	2.5	ug/L	1.0	0.50	1		11/15/11 14:46	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	74-97-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B75 Lab ID: 3542615010 Collected: 11/08/11 16:17 Received: 11/08/11 17:16 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		11/15/11 14:46	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 14:46	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 14:46	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	110-57-6	
1,1-Dichloroethane	0.85 l	ug/L	1.0	0.50	1		11/15/11 14:46	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:46	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 14:46	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 14:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 14:46	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 14:46	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 14:46	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 14:46	108-05-4	
Vinyl chloride	0.64 l	ug/L	1.0	0.50	1		11/15/11 14:46	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 14:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/15/11 14:46	460-00-4	
Dibromofluoromethane (S)	99 %		88-117		1		11/15/11 14:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		86-125		1		11/15/11 14:46	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 14:46	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: B75 Lab ID: 3542615010 Collected: 11/08/11 16:17 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	796	mg/L	10.0	10.0	1		11/10/11 10:17		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/09/11 12:28	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	74.0	mg/L	10.0	5.0	2		11/09/11 12:28	16887-00-6	
Sulfate	17.8	mg/L	10.0	5.0	2		11/09/11 12:28	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.96	mg/L	0.050	0.020	1		11/16/11 07:13	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: Trip Blank (11/8/11) Lab ID: 3542615011 Collected: 11/08/11 08:00 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 10:28	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 10:28	74-87-3	
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/15/11 10:28	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 10:28	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 10:28	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 10:28	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 10:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 10:28	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 10:28	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 10:28	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 10:28	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	75-01-4	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Sample: Trip Blank (11/8/11) Lab ID: 3542615011 Collected: 11/08/11 08:00 Received: 11/08/11 17:16 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Xylene (Total) <i>Surrogates</i>	0.50U	ug/L	1.0	0.50	1		11/15/11 10:28	1330-20-7	
4-Bromofluorobenzene (S)	100 %		70-114		1		11/15/11 10:28	460-00-4	
Dibromofluoromethane (S)	100 %		88-117		1		11/15/11 10:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/15/11 10:28	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 10:28	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: MERP/2250 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 287205 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/10/11 01:18	

LABORATORY CONTROL SAMPLE: 287206

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287283 287284

Parameter	Units	3542637001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Q
Mercury	ug/L	<0.10	2	2	2.1	2.1	103	104	80-120	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: MPRP/6374 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 287321 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/10/11 05:12	
Barium	ug/L	5.0U	10.0	11/10/11 05:12	
Beryllium	ug/L	0.50U	1.0	11/10/11 05:12	
Cadmium	ug/L	0.50U	1.0	11/10/11 05:12	
Chromium	ug/L	2.5U	5.0	11/10/11 05:12	
Cobalt	ug/L	5.0U	10.0	11/10/11 05:12	
Copper	ug/L	2.5U	5.0	11/10/11 05:12	
Iron	ug/L	20.0U	40.0	11/10/11 05:12	
Lead	ug/L	5.0U	10.0	11/10/11 05:12	
Nickel	ug/L	2.5U	5.0	11/10/11 05:12	
Selenium	ug/L	7.5U	15.0	11/10/11 05:12	
Silver	ug/L	2.5U	5.0	11/10/11 05:12	
Sodium	mg/L	0.50U	1.0	11/10/11 05:12	
Cadmium	ug/L	5.0U	10.0	11/10/11 05:12	
Zinc	ug/L	10.0U	20.0	11/10/11 05:12	

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LABORATORY CONTROL SAMPLE: 287322

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	241	97	80-120	
Barium	ug/L	250	241	96	80-120	
Beryllium	ug/L	25	24.2	97	80-120	
Cadmium	ug/L	25	24.8	99	80-120	
Chromium	ug/L	250	250	100	80-120	
Cobalt	ug/L	250	252	101	80-120	
Copper	ug/L	250	246	99	80-120	
Iron	ug/L	2500	2490	99	80-120	
Lead	ug/L	250	246	98	80-120	
Nickel	ug/L	250	257	103	80-120	
Selenium	ug/L	250	253	101	80-120	
Silver	ug/L	25	24.7	99	80-120	
Sodium	mg/L	12.5	12.8	102	80-120	
Vanadium	ug/L	250	248	99	80-120	
Zinc	ug/L	1250	1240	99	80-120	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Parameter	Units	287323		287324		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		3542615002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Arsenic	ug/L	5.0U	250	250	248	250	99	99	75-125	.5	20		
Barium	ug/L	29.8	250	250	262	266	93	94	75-125	1	20		
Beryllium	ug/L	0.50U	25	25	24.2	24.8	96	98	75-125	2	20		
Cadmium	ug/L	0.50U	25	25	25.1	25.7	100	103	75-125	2	20		
Chromium	ug/L	2.5U	250	250	252	254	101	101	75-125	.5	20		
Cobalt	ug/L	5.0U	250	250	254	258	102	103	75-125	1	20		
Copper	ug/L	2.5U	250	250	240	245	96	98	75-125	2	20		
Iron	ug/L	5140	2500	2500	7620	7680	99	102	75-125	.8	20		
Lead	ug/L	5.0U	250	250	246	245	98	98	75-125	.5	20		
Nickel	ug/L	2.5U	250	250	258	259	103	104	75-125	.4	20		
Selenium	ug/L	7.5U	250	250	251	252	100	101	75-125	.5	20		
Silver	ug/L	2.5U	25	25	24.8	25.4	98	100	75-125	2	20		
Sodium	mg/L	23.1	12.5	12.5	35.9	35.8	103	102	75-125	.3	20		
Vanadium	ug/L	5.0U	250	250	252	252	101	101	75-125	.08	20		
Zinc	ug/L	10.0U	1250	1250	1250	1270	100	101	75-125	1	20		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: MPRP/6375 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 287325 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/09/11 18:23	
Thallium	ug/L	0.50U	1.0	11/09/11 18:23	

LABORATORY CONTROL SAMPLE: 287326

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.3	95	90-110	
Thallium	ug/L	50	47.4	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287327 287328

Parameter	Units	3542615003 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	48.3	48.3	96	96	70-130	.08	20	
Thallium	ug/L	0.50U	50	50	49.1	48.9	98	98	70-130	.4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: MSV/4128 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007

METHOD BLANK: 291000 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/15/11 08:18	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/15/11 08:18	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 08:18	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 08:18	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/15/11 08:18	
2-Hexanone	ug/L	5.0U	10.0	11/15/11 08:18	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/15/11 08:18	
Acetone	ug/L	5.0U	10.0	11/15/11 08:18	
Acrylonitrile	ug/L	5.0U	10.0	11/15/11 08:18	
Benzene	ug/L	0.50U	1.0	11/15/11 08:18	
Bromochloromethane	ug/L	0.50U	1.0	11/15/11 08:18	
Bromodichloromethane	ug/L	0.27U	0.60	11/15/11 08:18	
Bromoform	ug/L	0.50U	1.0	11/15/11 08:18	
Bromomethane	ug/L	0.50U	1.0	11/15/11 08:18	
Carbon disulfide	ug/L	5.0U	10.0	11/15/11 08:18	
Carbon tetrachloride	ug/L	0.50U	1.0	11/15/11 08:18	
Chlorobenzene	ug/L	0.50U	1.0	11/15/11 08:18	
Chloroethane	ug/L	0.50U	1.0	11/15/11 08:18	
Chloroform	ug/L	0.50U	1.0	11/15/11 08:18	
Chloromethane	ug/L	0.62U	1.0	11/15/11 08:18	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 08:18	
Dibromochloromethane	ug/L	0.26U	0.50	11/15/11 08:18	
Dibromomethane	ug/L	0.50U	1.0	11/15/11 08:18	
Ethylbenzene	ug/L	0.50U	1.0	11/15/11 08:18	
Iodomethane	ug/L	0.50U	1.0	11/15/11 08:18	
Methylene Chloride	ug/L	2.5U	5.0	11/15/11 08:18	
Styrene	ug/L	0.50U	1.0	11/15/11 08:18	
Tetrachloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
Toluene	ug/L	0.50U	1.0	11/15/11 08:18	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 08:18	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/15/11 08:18	
Trichloroethene	ug/L	0.50U	1.0	11/15/11 08:18	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/15/11 08:18	
Vinyl acetate	ug/L	1.0U	2.0	11/15/11 08:18	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

METHOD BLANK: 291000

Matrix: Water

Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	11/15/11 08:18	
Xylene (Total)	ug/L	0.50U	1.0	11/15/11 08:18	
1,2-Dichloroethane-d4 (S)	%	103	86-125	11/15/11 08:18	
4-Bromofluorobenzene (S)	%	93	70-114	11/15/11 08:18	
Dibromofluoromethane (S)	%	101	88-117	11/15/11 08:18	
Toluene-d8 (S)	%	97	87-113	11/15/11 08:18	

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LABORATORY CONTROL SAMPLE: 291001

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	18.7	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.8	109	70-130	
1,1,2-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1-Dichloroethane	ug/L	20	20.7	103	70-130	
1,1-Dichloroethene	ug/L	20	20.1	100	70-130	
1,2,3-Trichloropropane	ug/L	20	16.0	80	70-130	
Dichlorobenzene	ug/L	20	20.4	102	70-130	
Dichloroethane	ug/L	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	20	21.5	107	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2-Butanone (MEK)	ug/L	20	25.9	129	55-167	
2-Hexanone	ug/L	20	25.5	128	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	22.7	114	70-130	
Acetone	ug/L	20	10.5	52	40-150	
Acrylonitrile	ug/L	200	227	114	70-130	
Benzene	ug/L	20	20.4	102	70-130	
Bromochloromethane	ug/L	20	20.6	103	70-130	
Bromodichloromethane	ug/L	20	20.3	101	70-130	
Bromoform	ug/L	20	17.4	87	68-130	
Bromomethane	ug/L	20	30.5	153	38-179	
Carbon disulfide	ug/L	20	16.7	83	51-155	
Carbon tetrachloride	ug/L	20	19.7	99	70-130	
Chlorobenzene	ug/L	20	19.6	98	70-130	
Chloroethane	ug/L	20	23.7	119	59-149	
Chloroform	ug/L	20	20.1	100	70-130	
Chloromethane	ug/L	20	26.3	131	68-130 J(L0)	
cis-1,2-Dichloroethene	ug/L	20	19.0	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.0	100	70-130	
Dibromochloromethane	ug/L	20	18.3	92	70-130	
Dibromomethane	ug/L	20	19.2	96	70-130	
Ethylbenzene	ug/L	20	20.5	102	70-130	
Iodomethane	ug/L	20	24.0	120	43-160	
Methylene Chloride	ug/L	20	21.8	109	70-130	
Styrene	ug/L	20	20.4	102	70-130	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

LABORATORY CONTROL SAMPLE: 291001

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	17.9	90	66-133	
Toluene	ug/L	20	19.2	96	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.0	95	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.3	92	65-130	
Trichloroethene	ug/L	20	20.0	100	70-130	
Trichlorofluoromethane	ug/L	20	18.9	94	70-131	
Vinyl acetate	ug/L	20	18.8	94	69-135	
Vinyl chloride	ug/L	20	21.7	108	69-140	
Xylene (Total)	ug/L	60	60.4	101	70-130	
1,2-Dichloroethane-d4 (S)	%			102	86-125	
4-Bromofluorobenzene (S)	%			95	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			103	87-113	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291009 291010

Parameter	Units	3543049016		MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Q
		Result	Conc.	Spike Conc.	Spike Conc.											
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20	19.5	15.4	98	77	39-130	24	40				
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20	21.2	15.9	106	80	47-141	29	40				
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20	22.2	16.9	111	85	49-131	27	40				
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20	21.1	16.9	105	84	50-130	22	40				
1,1-Dichloroethane	ug/L	0.50U	20	20	20	24.2	18.3	121	91	54-137	28	40				
1,1-Dichloroethene	ug/L	0.50U	20	20	20	23.0	17.0	115	85	45-155	30	40				
1,2,3-Trichloropropane	ug/L	0.36U	20	20	20	19.5	17.0	98	85	31-132	14	40				
1,2-Dichlorobenzene	ug/L	0.50U	20	20	20	19.3	14.0	97	70	43-130	32	40				
1,2-Dichloroethane	ug/L	0.50U	20	20	20	20.5	16.5	102	82	54-130	22	40				
1,2-Dichloropropane	ug/L	0.50U	20	20	20	22.4	17.4	112	87	53-130	25	40				
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20	18.8	13.4	94	67	38-130	34	40				
2-Butanone (MEK)	ug/L	5.0U	20	20	20	27.3	23.7	118	100	48-138	14	40				
2-Hexanone	ug/L	5.0U	20	20	20	21.7	17.3	109	87	38-130	22	40				
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20	22.7	19.7	113	99	28-143	14	40				
Acetone	ug/L	5.0U	20	20	20	16.8	24.9	67	107	20-140	39	40				
Acrylonitrile	ug/L	5.0U	200	200	200	262	259	131	129	46-130	1	40	J(M1)			
Benzene	ug/L	1.3	20	20	20	23.1	18.1	109	84	53-132	24	40				
Bromochloromethane	ug/L	0.50U	20	20	20	21.5	16.3	107	81	54-132	28	40				
Bromodichloromethane	ug/L	0.27U	20	20	20	21.0	16.3	105	81	46-130	25	40				
Bromoform	ug/L	0.50U	20	20	20	17.2	13.3	86	67	32-130	25	40				
Bromomethane	ug/L	0.50U	20	20	20	27.4	30.5	137	153	20-152	11	40	J(M1)			
Carbon disulfide	ug/L	5.0U	20	20	20	19.5	15.8	96	77	28-184	21	40				
Carbon tetrachloride	ug/L	0.50U	20	20	20	21.0	14.6	105	73	37-137	36	40				
Chlorobenzene	ug/L	0.50U	20	20	20	19.8	15.1	99	76	46-130	27	40				
Chloroethane	ug/L	0.50U	20	20	20	30.4	30.3	152	151	48-159	3	40				
Chloroform	ug/L	0.50U	20	20	20	21.3	15.6	106	78	51-130	31	40				
Chloromethane	ug/L	0.62U	20	20	20	30.1	32.2	150	161	39-144	7	40	J(M0)			
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	20	20.3	16.0	102	80	54-130	24	40				

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Parameter	291009			291010			MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
	Units	3543049016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	18.1	14.3	91	71	45-130	24	40	
Dibromochloromethane	ug/L	0.26U	20	20	17.6	14.4	88	72	43-130	20	40	
Dibromomethane	ug/L	0.50U	20	20	19.2	15.2	96	76	50-130	23	40	
Ethylbenzene	ug/L	0.50U	20	20	20.4	15.3	102	76	43-130	29	40	
Iodomethane	ug/L	0.50U	20	20	20.8	18.2	104	91	20-169	13	40	
Methylene Chloride	ug/L	2.5U	20	20	23.8	18.7	119	93	51-135	24	40	
Styrene	ug/L	0.50U	20	20	19.6	15.1	98	76	40-130	26	40	
Tetrachloroethene	ug/L	0.50U	20	20	17.3	12.3	86	62	26-130	33	40	
Toluene	ug/L	0.50U	20	20	19.5	15.3	97	76	50-130	24	40	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	23.1	17.0	115	85	48-142	30	40	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.7	14.3	89	71	45-130	22	40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	15.9	12.8	79	64	20-139	22	40	
Trichloroethene	ug/L	0.50U	20	20	22.0	15.7	110	78	42-133	34	40	
Trichlorofluoromethane	ug/L	0.50U	20	20	20.9	23.5	104	117	46-146	12	40	
Vinyl acetate	ug/L	1.0U	20	20	19.5	6.2	98	31	20-165	103	40	J(D6)
Vinyl chloride	ug/L	0.50U	20	20	24.8	26.6	124	133	57-142	7	40	
Xylene (Total)	ug/L	0.50U	60	60	58.9	44.2	98	74	42-130	28	40	
1,2-Dichloroethane-d4 (S)	%						89	99	86-125			
4-Bromofluorobenzene (S)	%						91	93	70-114			
Bromofluoromethane (S)	%						103	104	88-117			
Indene-d8 (S)	%						103	103	87-113			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: MSV/4129 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3542615008, 3542615009, 3542615010, 3542615011

METHOD BLANK: 291002 Matrix: Water
Associated Lab Samples: 3542615008, 3542615009, 3542615010, 3542615011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/15/11 07:12	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/15/11 07:12	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/15/11 07:12	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/15/11 07:12	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/15/11 07:12	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/15/11 07:12	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/15/11 07:12	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/15/11 07:12	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/15/11 07:12	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 07:12	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/15/11 07:12	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 07:12	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 07:12	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/15/11 07:12	
2-Hexanone	ug/L	5.0U	10.0	11/15/11 07:12	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/15/11 07:12	
Acetone	ug/L	5.0U	10.0	11/15/11 07:12	
Acrylonitrile	ug/L	5.0U	10.0	11/15/11 07:12	
Benzene	ug/L	0.50U	1.0	11/15/11 07:12	
Bromochloromethane	ug/L	0.50U	1.0	11/15/11 07:12	
Bromodichloromethane	ug/L	0.27U	0.60	11/15/11 07:12	
Bromoform	ug/L	0.50U	1.0	11/15/11 07:12	
Bromomethane	ug/L	0.50U	1.0	11/15/11 07:12	
Carbon disulfide	ug/L	5.0U	10.0	11/15/11 07:12	
Carbon tetrachloride	ug/L	0.50U	1.0	11/15/11 07:12	
Chlorobenzene	ug/L	0.50U	1.0	11/15/11 07:12	
Chloroethane	ug/L	0.50U	1.0	11/15/11 07:12	
Chloroform	ug/L	0.50U	1.0	11/15/11 07:12	
Chloromethane	ug/L	0.62U	1.0	11/15/11 07:12	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 07:12	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 07:12	
Dibromochloromethane	ug/L	0.26U	0.50	11/15/11 07:12	
Dibromomethane	ug/L	0.50U	1.0	11/15/11 07:12	
Ethylbenzene	ug/L	0.50U	1.0	11/15/11 07:12	
Iodomethane	ug/L	0.50U	1.0	11/15/11 07:12	
Methylene Chloride	ug/L	2.5U	5.0	11/15/11 07:12	
Styrene	ug/L	0.50U	1.0	11/15/11 07:12	
Tetrachloroethene	ug/L	0.50U	1.0	11/15/11 07:12	
Toluene	ug/L	0.50U	1.0	11/15/11 07:12	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 07:12	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 07:12	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/15/11 07:12	
Trichloroethene	ug/L	0.50U	1.0	11/15/11 07:12	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

METHOD BLANK: 291002 Matrix: Water

Associated Lab Samples: 3542615008, 3542615009, 3542615010, 3542615011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	11/15/11 07:12	
Vinyl acetate	ug/L	1.0U	2.0	11/15/11 07:12	
Vinyl chloride	ug/L	0.50U	1.0	11/15/11 07:12	
Xylene (Total)	ug/L	0.50U	1.0	11/15/11 07:12	
1,2-Dichloroethane-d4 (S)	%	99	86-125	11/15/11 07:12	
4-Bromofluorobenzene (S)	%	102	70-114	11/15/11 07:12	
Dibromofluoromethane (S)	%	102	88-117	11/15/11 07:12	
Toluene-d8 (S)	%	101	87-113	11/15/11 07:12	

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LABORATORY CONTROL SAMPLE: 291003

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.0	105	70-130	
1,1,1-Trichloroethane	ug/L	20	21.1	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.8	99	70-130	
1,1,2-Trichloroethane	ug/L	20	20.5	102	70-130	
1,1-Dichloroethane	ug/L	20	20.9	105	70-130	
1,2-Dichloroethane	ug/L	20	20.4	102	70-130	
1,1,3-Trichloropropane	ug/L	20	17.9	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.5	93	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.1	101	70-130	
1,2-Dichlorobenzene	ug/L	20	20.4	102	70-130	
1,2-Dichloroethane	ug/L	20	21.4	107	70-130	
1,2-Dichloropropane	ug/L	20	20.5	103	70-130	
1,4-Dichlorobenzene	ug/L	20	20.2	101	70-130	
2-Butanone (MEK)	ug/L	20	19.3	97	55-167	
2-Hexanone	ug/L	20	19.0	95	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.6	93	70-130	
Acetone	ug/L	20	20.0	100	40-150	
Acrylonitrile	ug/L	200	203	102	70-130	
Benzene	ug/L	20	21.9	109	70-130	
Bromochloromethane	ug/L	20	21.6	108	70-130	
Bromodichloromethane	ug/L	20	20.7	104	70-130	
Bromoform	ug/L	20	20.8	104	68-130	
Bromomethane	ug/L	20	20.3	102	38-179	
Carbon disulfide	ug/L	20	17.4	87	51-155	
Carbon tetrachloride	ug/L	20	21.3	107	70-130	
Chlorobenzene	ug/L	20	21.1	105	70-130	
Chloroethane	ug/L	20	22.3	111	59-149	
Chloroform	ug/L	20	21.1	105	70-130	
Chloromethane	ug/L	20	21.0	105	68-130	
cis-1,2-Dichloroethene	ug/L	20	20.1	101	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.7	104	70-130	
Dibromochloromethane	ug/L	20	20.4	102	70-130	
Dibromomethane	ug/L	20	21.3	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

LABORATORY CONTROL SAMPLE: 291003

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	21.0	105	70-130	
Iodomethane	ug/L	20	19.8	99	43-160	
Methylene Chloride	ug/L	20	21.1	106	70-130	
Styrene	ug/L	20	20.8	104	70-130	
Tetrachloroethene	ug/L	20	20.2	101	66-133	
Toluene	ug/L	20	21.0	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	20.2	101	65-130	
Trichloroethene	ug/L	20	21.3	107	70-130	
Trichlorofluoromethane	ug/L	20	21.4	107	70-131	
Vinyl acetate	ug/L	20	18.2	91	69-135	
Vinyl chloride	ug/L	20	21.1	105	69-140	
Xylene (Total)	ug/L	60	63.9	107	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			101	70-114	
Dibromofluoromethane (S)	%			101	88-117	
Toluene-d8 (S)	%			100	87-113	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291191 291192

Parameter	Units	3542834003		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20	19.9	23.0	100	115	39-130	14	40
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20	20.7	24.3	104	121	47-141	16	40
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20	19.0	22.4	95	112	49-131	17	40
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20	19.9	22.0	99	110	50-130	10	40
1,1-Dichloroethane	ug/L	0.50U	20	20	20	20.5	24.0	102	120	54-137	16	40
1,1-Dichloroethene	ug/L	0.50U	20	20	20	20.4	24.1	102	120	45-155	17	40
1,2,3-Trichloropropane	ug/L	0.36U	20	20	20	17.1	20.0	85	100	31-132	15	40
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	20	19.8	22.9	99	115	37-130	15	40
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20	19.3	22.1	96	111	51-132	14	40
1,2-Dichlorobenzene	ug/L	0.50U	20	20	20	18.6	22.7	93	114	43-130	20	40
1,2-Dichloroethane	ug/L	0.50U	20	20	20	20.9	24.0	105	120	54-130	14	40
1,2-Dichloropropane	ug/L	0.50U	20	20	20	19.7	23.6	98	118	53-130	18	40
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20	17.7	21.9	89	110	38-130	21	40
2-Butanone (MEK)	ug/L	5.0U	20	20	20	20.3	20.7	101	103	48-138	2	40
2-Hexanone	ug/L	5.0U	20	20	20	20.6	21.1	103	106	38-130	2	40
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20	22.6	23.1	113	115	28-143	2	40
Acetone	ug/L	5.0U	20	20	20	21.0	20.2	83	79	20-140	4	40
Acrylonitrile	ug/L	5.0U	200	200	200	198	224	99	112	46-130	12	40
Benzene	ug/L	0.50U	20	20	20	21.0	24.3	105	122	53-132	15	40
Bromochloromethane	ug/L	0.50U	20	20	20	21.1	24.6	105	123	54-132	15	40
Bromodichloromethane	ug/L	0.27U	20	20	20	19.5	22.4	98	112	46-130	14	40
Bromoform	ug/L	0.50U	20	20	20	20.1	23.9	101	120	32-130	17	40
Bromomethane	ug/L	0.50U	20	20	20	21.8	25.4	109	127	20-152	16	40
Carbon disulfide	ug/L	5.0U	20	20	20	19.3	20.0	94	97	28-184	4	40

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Parameter	3542834003		MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
	Units	Result	Spike Conc.	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec				
Carbon tetrachloride	ug/L	0.50U	20	20	20.4	24.6	102	123	37-137	19	40		
Chlorobenzene	ug/L	0.50U	20	20	19.9	23.4	100	117	46-130	16	40		
Chloroethane	ug/L	0.50U	20	20	23.5	27.0	118	135	48-159	14	40		
Chloroform	ug/L	0.50U	20	20	20.2	22.3	101	112	51-130	10	40		
Chloromethane	ug/L	0.62U	20	20	22.8	26.2	111	128	39-144	14	40		
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.1	22.3	95	112	54-130	16	40		
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	19.0	22.1	95	111	45-130	15	40		
Dibromochloromethane	ug/L	0.26U	20	20	19.4	22.1	97	110	43-130	13	40		
Dibromomethane	ug/L	0.50U	20	20	20.6	23.9	103	120	50-130	15	40		
Ethylbenzene	ug/L	0.50U	20	20	19.6	23.1	98	116	43-130	17	40		
Iodomethane	ug/L	0.50U	20	20	22.9	23.8	114	119	20-169	4	40		
Methylene Chloride	ug/L	2.5U	20	20	20.2	23.3	101	116	51-135	14	40		
Styrene	ug/L	0.50U	20	20	19.1	22.2	96	111	40-130	15	40		
Tetrachloroethene	ug/L	0.50U	20	20	18.0	22.5	90	112	26-130	22	40		
Toluene	ug/L	1.44	20	20	21.4	24.6	100	116	50-130	14	40		
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	19.1	22.4	96	112	48-142	16	40		
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	18.6	21.4	93	107	45-130	14	40		
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	22.1	22.6	111	113	20-139	2	40		
Trichloroethene	ug/L	0.50U	20	20	20.0	24.5	100	122	42-133	20	40		
Chlorofluoromethane	ug/L	0.50U	20	20	23.5	27.1	118	135	46-146	14	40		
Vinyl acetate	ug/L	1.0U	20	20	15.8	17.0	79	85	20-165	7	40		
Vinyl chloride	ug/L	0.50U	20	20	23.1	25.8	116	129	57-142	11	40		
Xylene (Total)	ug/L	0.50U	60	60	58.6	68.9	98	115	42-130	16	40		
1,2-Dichloroethane-d4 (S)	%						94	99	86-125				
4-Bromofluorobenzene (S)	%						104	102	70-114				
Dibromofluoromethane (S)	%						99	101	88-117				
Toluene-d8 (S)	%						100	102	87-113				

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: OEXT/6379 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 287948 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/10/11 14:25	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/10/11 14:25	

LABORATORY CONTROL SAMPLE: 287949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	107	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288472 288473

Parameter	Units	3542615002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	.44	.44	0.48	0.49	111	112	60-140	1	40	
1,2-Dibromoethane (EDB)	ug/L	0.0065 U	.44	.44	0.50	0.49	115	111	60-140	3	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: WET/10869 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 288303 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/10/11 10:08	

LABORATORY CONTROL SAMPLE: 288304


Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	290	97	90-110	

SAMPLE DUPLICATE: 288306

Parameter	Units	3542615005 Result	Dup Result	RPD	Max RPD	Qualifiers
Dissolved Solids	mg/L	199	198	.5	20	

SAMPLE DUPLICATE: 288309

Parameter	Units	3542610002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2340	2350	.5	20	


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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: WETA/13262 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 287587 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/09/11 07:29	

LABORATORY CONTROL SAMPLE: 287588

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.8	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287589 287590

Parameter	Units	3542615002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.8	4.8	96	96	90-110	.2 20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287591 287592

Parameter	Units	3542642001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.6	4.6	92	92	90-110	.2 20	

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch:	WETA/13266	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010		

METHOD BLANK:	287622	Matrix:	Water
Associated Lab Samples:	3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/09/11 07:29	
Sulfate	mg/L	2.5U	5.0	11/09/11 07:29	

LABORATORY CONTROL SAMPLE: 287623						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.3	97	90-110	
Sulfate	mg/L	50	46.9	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287624												287625	
Parameter	Units	3542615002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual		
Chloride	mg/L	20.0	50	50	72.5	72.5	105	105	90-110	.04	20		
Sulfate	mg/L	45.0	50	50	101	101	112	112	90-110	.04	20 J(M1)		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 287626												287627	
Parameter	Units	3542642001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual		
Chloride	mg/L	18.8	50	50	69.5	69.5	102	102	90-110	.01	20		
Sulfate	mg/L	48.2	50	50	103	103	109	110	90-110	.1	20		

QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

QC Batch: WETA/13391 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

METHOD BLANK: 291866 Matrix: Water
Associated Lab Samples: 3542615001, 3542615002, 3542615003, 3542615004, 3542615005, 3542615006, 3542615007, 3542615008, 3542615009, 3542615010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/16/11 06:58	

LABORATORY CONTROL SAMPLE: 291867

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

MATRIX SPIKE SAMPLE: 291869

Parameter	Units	3542615001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	0.99	99	90-110	

SAMPLE DUPLICATE: 291868

Parameter	Units	3542615001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		20	

QUALIFIERS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

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.

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.

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LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- J(M0) Estimated Value. Matrix spike recovery was outside laboratory control limits.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- 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.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542615002	B70-1		FLD/		
3542615003	B70-1 DUP		FLD/		
3542615004	B70-2		FLD/		
3542615005	B71		FLD/		
3542615006	B72		FLD/		
3542615007	B73-1		FLD/		
3542615008	B73-2		FLD/		
3542615009	B74		FLD/		
3542615010	B75		FLD/		
3542615001	Equipment Blank (11/8/11)	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615002	B70-1	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615003	B70-1 DUP	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615004	B70-2	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615005	B71	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615006	B72	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615007	B73-1	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615008	B73-2	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615009	B74	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615010	B75	EPA 8011	OEXT/6379	EPA 8011	GCSV/4672
3542615001	Equipment Blank (11/8/11)	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615002	B70-1	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615003	B70-1 DUP	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615004	B70-2	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615005	B71	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615006	B72	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615007	B73-1	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615008	B73-2	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615009	B74	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615010	B75	EPA 3010	MPRP/6374	EPA 6010	ICP/4402
3542615001	Equipment Blank (11/8/11)	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615002	B70-1	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615003	B70-1 DUP	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615004	B70-2	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615005	B71	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615006	B72	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615007	B73-1	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615008	B73-2	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615009	B74	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615010	B75	EPA 3010	MPRP/6375	EPA 6020	ICPM/2828
3542615001	Equipment Blank (11/8/11)	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615002	B70-1	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615003	B70-1 DUP	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615004	B70-2	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615005	B71	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615006	B72	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615007	B73-1	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615008	B73-2	EPA 7470	MERP/2250	EPA 7470	MERC/2252

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542615009	B74	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615010	B75	EPA 7470	MERP/2250	EPA 7470	MERC/2252
3542615001	Equipment Blank (11/8/11)	EPA 8260	MSV/4128		
3542615002	B70-1	EPA 8260	MSV/4128		
3542615003	B70-1 DUP	EPA 8260	MSV/4128		
3542615004	B70-2	EPA 8260	MSV/4128		
3542615005	B71	EPA 8260	MSV/4128		
3542615006	B72	EPA 8260	MSV/4128		
3542615007	B73-1	EPA 8260	MSV/4128		
3542615008	B73-2	EPA 8260	MSV/4129		
3542615009	B74	EPA 8260	MSV/4129		
3542615010	B75	EPA 8260	MSV/4129		
3542615011	Trip Blank (11/8/11)	EPA 8260	MSV/4129		
3542615001	Equipment Blank (11/8/11)	SM 2540C	WET/10869		
3542615002	B70-1	SM 2540C	WET/10869		
3542615003	B70-1 DUP	SM 2540C	WET/10869		
3542615004	B70-2	SM 2540C	WET/10869		
3542615005	B71	SM 2540C	WET/10869		
3542615006	B72	SM 2540C	WET/10869		
3542615007	B73-1	SM 2540C	WET/10869		
3542615008	B73-2	SM 2540C	WET/10869		
3542615009	B74	SM 2540C	WET/10869		
3542615010	B75	SM 2540C	WET/10869		
3542615001	Equipment Blank (11/8/11)	EPA 300.0	WETA/13262		
3542615002	B70-1	EPA 300.0	WETA/13262		
3542615003	B70-1 DUP	EPA 300.0	WETA/13262		
3542615004	B70-2	EPA 300.0	WETA/13262		
3542615005	B71	EPA 300.0	WETA/13262		
3542615006	B72	EPA 300.0	WETA/13262		
3542615007	B73-1	EPA 300.0	WETA/13262		
3542615008	B73-2	EPA 300.0	WETA/13262		
3542615009	B74	EPA 300.0	WETA/13262		
3542615010	B75	EPA 300.0	WETA/13262		
3542615001	Equipment Blank (11/8/11)	EPA 300.0	WETA/13266		
3542615002	B70-1	EPA 300.0	WETA/13266		
3542615003	B70-1 DUP	EPA 300.0	WETA/13266		
3542615004	B70-2	EPA 300.0	WETA/13266		
3542615005	B71	EPA 300.0	WETA/13266		
3542615006	B72	EPA 300.0	WETA/13266		
3542615007	B73-1	EPA 300.0	WETA/13266		
3542615008	B73-2	EPA 300.0	WETA/13266		
3542615009	B74	EPA 300.0	WETA/13266		
3542615010	B75	EPA 300.0	WETA/13266		
3542615001	Equipment Blank (11/8/11)	EPA 350.1	WETA/13391		
3542615002	B70-1	EPA 350.1	WETA/13391		
3542615003	B70-1 DUP	EPA 350.1	WETA/13391		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542615

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542615004	B70-2	EPA 350.1	WETA/13391		
3542615005	B71	EPA 350.1	WETA/13391		
3542615006	B72	EPA 350.1	WETA/13391		
3542615007	B73-1	EPA 350.1	WETA/13391		
3542615008	B73-2	EPA 350.1	WETA/13391		
3542615009	B74	EPA 350.1	WETA/13391		
3542615010	B75	EPA 350.1	WETA/13391		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody ANAL DOCUMENT. All relevant fields must be completed accurately.



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Section A Required Client Information: Required Project Information:

Company: DeKalb County Solid Waste
Address: 1990 Tomoka Farms Rd.
Daytona Beach, FL 32124

Report To: MS Jennifer Stink
Copy To:

Section C Invoice Information:

Company Name:
Address:
Purchase Order No.:
Project Name: TEMPRA SEMI - ANNUA
Project Number:

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1553328

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

Site Location STATE:
Requested Date/Time:

ITEM #	SAMPLE ID (A-Z, 0-9, /)	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION		# OF CONTAINERS	Preservatives	Analysis Test: Y/N	Requested Analysis Filtered (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END			DATE	TIME					
1	E9				G								
2	B70-1						11/9/01	0945	3	H2SO4 HNO3 HCl NaOH Na2S2O8 Methanol Other			
3	D4P							1042					
4	B70-2							11/30					
5	B71							1303					
6	B72							1302					
7	B73-1							1403					
8	B73-2							1434					
9	B74							1536					
10	B75							1617					
11	TRIP BLANKS												
12													

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>[Signature]</i>	11/8/01	1716	<i>[Signature]</i>	11/8/01	1716	4.2.1

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

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Roger Higdon
 SIGNATURE of SAMPLER: *[Signature]*
 DATE Signed (MM/DD/YYYY): 11/8/01

ORIGINAL

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

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: B70-2 Sample ID: 3542615 Date: 11/8/11

PURGING DATA YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: 10.17 Sampling Device: PP
 Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (21.90 - 10.17) X 0.16 Gallons/Foot = 1.8768 Gallons
 Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume

Initial Pump or Tubing Depth in Well (Feet): 16 Final Pump or Tubing Depth in Well: 16 Purging Initiated At: 1100 Purging Ended At: 1119 Total Volume Purged (Gallons): 5.0

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circles mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1108	2.0	2.0	2.5	10.90	5.41	24.78	293	1.38	48.7	Brown	NO	74.6
1110	.50	2.5			5.37	24.77	284	1.22	39.2			74.4
1112	.50	3.0			5.33	24.79	277	0.85	31.3			75.6
1113		3.5			5.29	24.79	270	0.79	22.5			75.9
1115		4.0			5.27	24.81	268	0.63	18.6			76.4
1117		4.5			5.26	24.80	267	0.58	17.4			76.4
1119		5.0			5.25	24.80	266	0.58	14.8			76.1

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

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: [Signature] Sampling Initiated At: 1130 Sampling Ended At: 1132
 Pump or Tubing Depth in Well (Feet): 16 Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: (Yes) [No] Field-Filtered: (Yes) [No] Duplicate: (Yes) [No] Filter Size: µm (No)

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 90.0
 Rain: [Yes] [No]
 Wind Speed: 0-3
 Wind Direction: NE

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: {} Hour {} 1/2 Hour {}
 Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____ Composite Grab
 Discharged Method Ground Barrel On Ice @ 1133 Bottles Preserved <2pH

Field Notes:
 See Work Order/Bottle Order

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Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **B71** Sample ID: **3542615** Date: **11/8/11**

PURGING DATA YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **9.43** Sampling Device: **PP**

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (**21.35 - 9.43**) X 0.16 Gallons/Foot = **1.9072** Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): **15** Final Pump or Tubing Depth in Well: **15** Purging Initiated At: **1146** Purging Ended At: **1202** Total Volume Purged (Gallons): **4.0**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1154	2.0	2.0	2.5	10.47	4.95	24.96	255	1.11	9.46	NO	NO	111.9
1156	1.50	2.5	I	10.54	4.95	24.97	263	0.98	7.25	I	I	111.4
1158	1.50	3.0	I	10.60	4.94	25.05	270	0.75	7.06	I	I	111.4
1160	1.50	3.5	I	I	4.99	25.22	280	0.46	4.48	I	I	106.2
1202	1.50	4.0	I	I	5.02	25.14	282	0.41	4.48	I	I	101.8

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" = 0.018

SAMPLING DATA

Sampled By (Print): **Roger Higdon** / Pace Sampler(s) Signatures: *R. Higdon* Sampling Initiated At: **1203** Sampling Ended At: **1215**

Pump or Tubing Depth in Well (Feet): **15** Sample Pump Flow Rate (mL per minute): **100-200ml** Tubing Material Code: **PE** Field Decontamination: Yes No Field-Filtered: Yes No Duplicate: Yes No Filter Size: _____ µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **23.0**
 Rain: Yes No
 Wind Speed: **3.5**
 Wind Direction: **NE**

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Total Depth: _____
 Type: Lake Stream River Other _____
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: Hour 1/2 Hour 1/4 Hour

Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers Yes No Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____ Composite Grab

Discharged Method: Ground Barrel On Ice @ **12/16** Bottles Preserved <2pH

Field Notes:
See Work Order/Bottle Order

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Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: B72 Sample ID: 9542015 Date: 11/8/11

PURGING DATA YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: 7.62 Sampling Device: PP
 Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (21.72 - 7.62) X 0.16 Gallons/Foot = 2.256 Gallons
 Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume

Initial Pump or Tubing Depth in Well (Feet): 13 Final Pump or Tubing Depth in Well: 13 Purging Initiated At: 1245 Purging Ended At: 1301 Total Volume Purged (Gallons): 4.0

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or dS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1255	2.50	2.50	25	9.88	6.28	25.85	628	1.23	12.2	40	190	36.2
1258	2.75	3.25	1	1	6.27	25.84	624	1.04	10.14	1	1	33.5
1301	2.75	4.0	1	1	6.26	25.86	617	0.99	8.41	1	1	32.1

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

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: [Signature] Sampling Initiated At: 1302 Sampling Ended At: 1314
 Pump or Tubing Depth in Well (Feet): 13 Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: (Yes) (No) Field-Filtered: (Yes) (No) Duplicate: (Yes) (No)
 Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 80°
 Rain: [Yes] [No]
 Wind Speed: 5-8
 Wind Direction: NE

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Total Depth: _____ Sampling Point: _____ Sample Depth: _____
 Type: Lake Stream River Other _____
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: [] Hour [] 1/2 Hour []
 Soils/Sediment Sampling Point: _____ Sample Depth: _____
 Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____
 Composite Grab
 Discharged Method: Ground Barrel On Ice @ 1315 Bottles Preserved <2pH

Field Notes:
 See Work Order/Bottle Order

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Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **373-1** Sample ID: **3542615** Date: **11/8/11**

PURGING DATA YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **8.27** Sampling Device: PP

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (**37.31 - 8.27**) X 0.16 Gallons/foot = **4.6464** Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): **14** Final Pump or Tubing Depth in Well: **14** Purging Initiated At: **1331** Purging Ended At: **1402** Total Volume Purged (Gallons): **15.5**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1341	5.0	5.0	50	8.70	7.65	24.96	474	1.17	5.42	NO	NO	-74.2
1344	1.5	6.5			7.46	24.88	525	0.71	3.70			71.9
1347	1.5	8.0			7.26	24.86	676	0.63	1.79			62.4
1350	1.5	9.5			7.18	24.66	735	0.42	0.16			62.5
1353	1.5	11.0			7.12	24.67	784	0.40	0.26			62.3
1356	1.5	12.5			7.05	24.57	830	0.17	0.24			64.6
1359	1.5	14.0			7.04	24.52	830	0.15	0.14			64.9
1402	1.5	15.5			7.03	24.44	835	0.14	0.17			65.2

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" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print) Roger Higdon / Pace Sampler(s) Signatures: *R Higdon* Sampling Initiated At: **1403** Sampling Ended At: **1415**
 Pump or Tubing Depth in Well (Feet): **14** Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: [Yes] [No] Field-Filtered: [Yes] [No] Duplicate: [Yes] [No]
 Filter Size: _____ µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **90**
 Rain: [Yes] [No]
 Wind Speed: **3-5**
 Wind Direction: **NE**

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ Composite Grab mL per: [] Hour [] 1/2 Hour []
 Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____ Composite Grab
 Discharged Method: Ground Barrel On Ice @ **1416** Bottles Preserved <2pH

Field Notes:
See Work Order/Bottle Order

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Face Analytical Well Sampling Log

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **B 73-2** Sample ID: **2542615** Date: **11/8/11**

PURGING DATA YSI 2606 **2697**

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **7.57** Sampling Device: **PP**
 Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (**20.30 - 7.57**) X 0.16 Gallons/Foot = **2,036.8** Gallons
 Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): **13** Final Pump or Tubing Depth in Well: **13** Purging Initiated At: **1418** Purging Ended At: **1433** Total Volume Purged (Gallons): **3.75**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (g/L or mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1417	2.25	2.25	1.25	11.0	5.71	25.02	241	1.34	14.0	NO	NO	37.1
1430	.75	3.0	1	1	5.68	25.08	230	1.05	12.0	1	1	42.7
1433	.75	3.75	1	1	5.68	25.12	229	0.92	10.84	1	1	44.9

Well Capacity (Gallons Per Foot): 0.76" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 Tubing Inside DIA. Capacity (Gal./ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

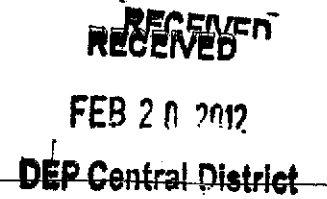
Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: *R. Higdon* Sampling Initiated At: **1434** Sampling Ended At: **1446**

Pump or Tubing Depth in Well (Feet): **13** Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: Yes No Field-Filtered: Yes No Duplicate: Yes No Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **20.0**
 Rain: Yes No
 Wind Speed: **3-5**
 Wind Direction: **NE**

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: {} Hour {} 1/2 Hour {}
 Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____ Composite Grab
 Discharged Method Ground Barrel On Ice @ **1447** Bottles Preserved <2pH

Field Notes:

See Work Order/Bottle Order

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: B 7.5 Sample ID: 2542615 Date: 11/8/11

PURGING DATA

YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: 11.60 Sampling Device: PP

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
(20.82 - 11.60) X 0.16 Gallons/foot = 1.4752 Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): 17 Final Pump or Tubing Depth in Well: Purging Initiated At: 1606 Purging Ended At: 1616 Total Volume Purged (Gallons): 2.5

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>1612</u>	<u>1.50</u>	<u>1.50</u>	<u>0.25</u>	<u>12.54</u>	<u>7.19</u>	<u>25.35</u>	<u>1244</u>	<u>0.37</u>	<u>7.30</u>	<u>NO</u>	<u>NO</u>	<u>-44.7</u>
<u>1614</u>	<u>.50</u>	<u>2.0</u>	<u>↓</u>	<u>↓</u>	<u>7.14</u>	<u>25.34</u>	<u>1471</u>	<u>0.21</u>	<u>9.04</u>	<u>↓</u>	<u>↓</u>	<u>-47.1</u>
<u>1616</u>	<u>.50</u>	<u>2.5</u>	<u>↓</u>	<u>↓</u>			<u>1272</u>	<u>0.22</u>	<u>10.54</u>	<u>↓</u>	<u>↓</u>	<u>-49.2</u>

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 Tubing Inside Dia. Capacity (Gal./ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: [Signature] Sampling Initiated At: 1617 Sampling Ended At: 1629

Pump or Tubing Depth in Well (Feet): Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: [Yes] [No] Field-Filtered: [Yes] [No] Duplicate: [No] [Yes] Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 83.0
 Rain: [Yes] [No]
 Wind Speed: 3-5
 Wind Direction: NE

Surface Water
 Surface Water Total Depth: Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other

Waste Water
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: [] Hour [] 1/2 Hour []

Soils/Sediment
 Soils/Sediment Sampling Point: Sample Depth: Composite Grab

Drum Waste
 Drum Waste Type: Layers [Yes] [No] Composite Grab

Other
 Other: Sampling Point: Sample Depth: Composite Grab

Discharged Method: Ground Barrel On Ice @ 1630 Bottles Preserved <2pH

Field Notes:
 See Work Order/Bottle Order

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Sample Condition Upon Receipt Form (SCUR) Table Number: _____

Client Name: VOLUSTIA Project # 3542615

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: 11/18/11

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used T737 Type of Ice: Wet Blue None

Cooler Temperature °C 4.9 (Visual) -0.2 (Correction Factor) 4.2 (Actual)

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

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met: If no, then mark box & describe issue (use comments area if necessary):

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: A Date: 11/18/11

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Finished Product Information Only	
F.P. Sample ID: _____	Size & Qty of Bottles Received
Production Code: _____	_____ x 5 Gal
Date/Time Opened: _____	_____ x 2.5 Gal
Number of Unopened Bottles Remaining: _____	_____ x 1 Gal
	_____ x 1 Liter
	_____ x 500 mL
	_____ x 250 mL
	_____ x Other: _____
Extra Sample in Shed: Yes <input type="checkbox"/> No <input type="checkbox"/>	

November 16, 2011

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.: 3542752

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 09, 2011. 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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.

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CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3542752001	Equipment Blank (11/9/11)	Water	11/09/11 09:40	11/09/11 16:30
3542752002	B60	Water	11/09/11 09:58	11/09/11 16:30
3542752003	B60 DUP	Water	11/09/11 09:58	11/09/11 16:30
3542752004	B68	Water	11/09/11 10:18	11/09/11 16:30
3542752005	B11	Water	11/09/11 10:51	11/09/11 16:30
3542752006	B8	Water	11/09/11 11:00	11/09/11 16:30
3542752007	B8-2	Water	11/09/11 11:47	11/09/11 16:30
3542752008	B33-2	Water	11/09/11 12:19	11/09/11 16:30
3542752009	B2	Water	11/09/11 12:30	11/09/11 16:30
3542752010	B63-1	Water	11/09/11 13:17	11/09/11 16:30
3542752011	B33-1	Water	11/09/11 13:22	11/09/11 16:30
3542752012	B63-2	Water	11/09/11 13:45	11/09/11 16:30
3542752013	B32	Water	11/09/11 14:08	11/09/11 16:30
3542752014	B35-1	Water	11/09/11 14:49	11/09/11 16:30
3542752015	B5	Water	11/09/11 14:54	11/09/11 16:30
3542752016	B35-2	Water	11/09/11 15:21	11/09/11 16:30
3542752017	F-MB	Water	11/09/11 16:35	11/09/11 17:25
3542752018	Trip Blank (11/9/11)	Water	11/09/11 08:00	11/09/11 16:30

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SAMPLE ANALYTE CODE DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542752001	Equipment Blank (11/9/11)	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3542752002	B60	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3542752003	B60 DUP	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3542752004	B68	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O

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SAMPLE ANALYTE COUNT DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542752005	B11	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3542752006	B8	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3542752007	B8-2	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST, TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3542752008	B33-2	EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542752009	B2	EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST, TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL, LAJ	2	PASI-O
3542752010	B63-1	EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
3542752011	B33-1	EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
EPA 300.0	IRL	1	PASI-O		
3542752012	B63-2	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542752013	B32	EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
3542752014	B35-1	EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
3542752015	B5	EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542752016	B35-2	EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
3542752017	F-MB	EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
3542752018	Trip Blank (11/9/11)	EPA 350.1	SOA	1	PASI-O
		EPA 8260	SK	51	PASI-O

REPORT OF LABORATORY ANALYSIS

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HITS ONLY DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542752002	B60		Field pH	7.33	Std. Units		11/09/11 09:58	
			Field Temperature	24.68	deg C		11/09/11 09:58	
			Appearance	Color:			11/09/11 09:58	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	497	umhos/cm		11/09/11 09:58	
			Oxygen, Dissolved	0.19	mg/L		11/09/11 09:58	
			REDOX	74.0	mV		11/09/11 09:58	
			Turbidity	0.59	NTU		11/09/11 09:58	
			Depth to Water	8.23	feet		11/09/11 09:58	
			Water Level(NGVD)	20.61	feet		11/09/11 09:58	
EPA 6010			Barium	54.5	ug/L	10.0	11/12/11 19:35	
EPA 6010			Iron	3660	ug/L	40.0	11/12/11 19:35	
EPA 6010			Sodium	46.1	mg/L	1.0	11/12/11 19:35	
EPA 6020			Antimony	0.63	ug/L	1.0	11/11/11 08:20	
EPA 8260			Toluene	0.55	ug/L	1.0	11/15/11 23:23	J(M1)
EPA 8260			Xylene (Total)	1.4	ug/L	1.0	11/15/11 23:23	
SM 2540C			Total Dissolved Solids	304	mg/L	5.0	11/11/11 12:32	
EPA 300.0			Chloride	57.5	mg/L	5.0	11/10/11 10:46	J(M1)
EPA 300.0			Sulfate	2.7	mg/L	5.0	11/10/11 10:46	J(M1)
EPA 350.1			Nitrogen, Ammonia	0.73	mg/L	0.050	11/16/11 07:58	
3542752003	B60 DUP		Field pH	7.33	Std. Units		11/09/11 09:58	
			Field Temperature	24.68	deg C		11/09/11 09:58	
			Appearance	Color:			11/09/11 09:58	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	497	umhos/cm		11/09/11 09:58	
			Oxygen, Dissolved	0.19	mg/L		11/09/11 09:58	
			REDOX	74.0	mV		11/09/11 09:58	
			Turbidity	0.59	NTU		11/09/11 09:58	
			Depth to Water	8.23	feet		11/09/11 09:58	
			Water Level(NGVD)	20.61	feet		11/09/11 09:58	
EPA 6010			Barium	56.5	ug/L	10.0	11/12/11 19:39	
EPA 6010			Iron	3840	ug/L	40.0	11/12/11 19:39	
EPA 6010			Sodium	47.6	mg/L	1.0	11/12/11 19:39	
SM 2540C			Total Dissolved Solids	298	mg/L	5.0	11/11/11 12:33	
EPA 300.0			Chloride	57.4	mg/L	5.0	11/10/11 10:58	
EPA 300.0			Sulfate	2.9	mg/L	5.0	11/10/11 10:58	
EPA 350.1			Nitrogen, Ammonia	0.75	mg/L	0.050	11/16/11 07:59	
3542752004	B68		Field pH	5.81	Std. Units		11/09/11 10:18	
			Field Temperature	24.30	deg C		11/09/11 10:18	

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Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542752004	B68		Appearance	Color: None, Sheen: None			11/09/11 10:18	
			Field Specific Conductance	657 umhos/cm			11/09/11 10:18	
			Oxygen, Dissolved	0.24 mg/L			11/09/11 10:18	
			REDOX	20.4 mV			11/09/11 10:18	
			Turbidity	0.60 NTU			11/09/11 10:18	
			Depth to Water	6.92 feet			11/09/11 10:18	
			Water Level(NGVD)	22.81 feet			11/09/11 10:18	
		EPA 6010	Barium	98.0 ug/L		10.0	11/12/11 19:43	
		EPA 6010	Iron	21400 ug/L		40.0	11/12/11 19:43	
		EPA 6010	Sodium	23.0 mg/L		1.0	11/12/11 19:43	
		SM 2540C	Total Dissolved Solids	463 mg/L		5.0	11/11/11 12:34	
		EPA 300.0	Chloride	38.1 mg/L		5.0	11/10/11 11:10	
		EPA 350.1	Nitrogen, Ammonia	0.89 mg/L		0.050	11/16/11 08:00	
		3542752005	B11		Field pH	6.91 Std. Units		
	Field Temperature			25.88 deg C			11/09/11 10:51	
	Appearance			Color: None, Sheen: None			11/09/11 10:51	
	Field Specific Conductance			182 umhos/cm			11/09/11 10:51	
	Oxygen, Dissolved			0.17 mg/L			11/09/11 10:51	
	REDOX			38.2 mV			11/09/11 10:51	
	Turbidity			1.71 NTU			11/09/11 10:51	
	Depth to Water			4.62 feet			11/09/11 10:51	
	Water Level(NGVD)			26.01 feet			11/09/11 10:51	
EPA 6010	Barium			51.0 ug/L		10.0	11/12/11 19:48	
EPA 6010	Chromium			3.81 ug/L		5.0	11/12/11 19:48	
EPA 6010	Iron			2550 ug/L		40.0	11/12/11 19:48	
EPA 6010	Sodium			6.6 mg/L		1.0	11/12/11 19:48	
EPA 6010	Vanadium			16.0 ug/L		10.0	11/12/11 19:48	
SM 2540C	Total Dissolved Solids	157 mg/L		5.0	11/11/11 12:34			
EPA 300.0	Nitrate as N	0.13 mg/L		0.050	11/10/11 11:22			
EPA 300.0	Chloride	10.2 mg/L		5.0	11/10/11 11:22			
EPA 300.0	Sulfate	20.6 mg/L		5.0	11/10/11 11:22			
EPA 350.1	Nitrogen, Ammonia	0.50 mg/L		0.050	11/16/11 08:01			
3542752006	B8		Field pH	6.47 Std. Units			11/09/11 11:00	
			Field Temperature	23.97 deg C			11/09/11 11:00	
			Appearance	Color: None, Sheen: None			11/09/11 11:00	
			Field Specific Conductance	616 umhos/cm			11/09/11 11:00	
			Oxygen, Dissolved	0.16 mg/L			11/09/11 11:00	

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Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542752006	B8		REDOX	-74.6	mV		11/09/11 11:00	
			Turbidity	0.24	NTU		11/09/11 11:00	
			Depth to Water	14.12	feet		11/09/11 11:00	
			Water Level(NGVD)	18.90	feet		11/09/11 11:00	
EPA 6010			Barium	31.3	ug/L	10.0	11/12/11 20:08	
EPA 6010			Iron	675	ug/L	40.0	11/12/11 20:08	
EPA 6010			Sodium	35.9	mg/L	1.0	11/12/11 20:08	
EPA 6010			Zinc	20.0	ug/L	20.0	11/12/11 20:08	
SM 2540C			Total Dissolved Solids	415	mg/L	5.0	11/11/11 12:34	
EPA 300.0			Chloride	59.8	mg/L	5.0	11/10/11 11:34	
EPA 300.0			Sulfate	7.3	mg/L	5.0	11/10/11 11:34	
EPA 350.1			Nitrogen, Ammonia	0.19	mg/L	0.050	11/16/11 08:04	
3542752007	B8-2		Field pH	5.55	Std. Units		11/09/11 11:47	
			Field Temperature	24.99	deg C		11/09/11 11:47	
			Appearance	Color:			11/09/11 11:47	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	969	umhos/cm		11/09/11 11:47	
			Oxygen, Dissolved	0.20	mg/L		11/09/11 11:47	
			REDOX	11.1	mV		11/09/11 11:47	
			Turbidity	0.09	NTU		11/09/11 11:47	
			Depth to Water	6.22	feet		11/09/11 11:47	
			Water Level(NGVD)	27.08	feet		11/09/11 11:47	
EPA 6010			Barium	133	ug/L	10.0	11/12/11 20:12	
EPA 6010			Copper	2.81	ug/L	5.0	11/12/11 20:12	
EPA 6010			Iron	29800	ug/L	40.0	11/12/11 20:12	
EPA 6010			Sodium	34.1	mg/L	1.0	11/12/11 20:12	
SM 2540C			Total Dissolved Solids	876	mg/L	10.0	11/11/11 12:34	
EPA 300.0			Chloride	182	mg/L	50.0	11/12/11 20:09	
EPA 300.0			Sulfate	96.7	mg/L	5.0	11/10/11 11:46	
EPA 350.1			Nitrogen, Ammonia	0.0481	mg/L	0.050	11/16/11 08:05	
3542752008	B33-2		Field pH	7.83	Std. Units		11/09/11 12:19	
			Field Temperature	24.78	deg C		11/09/11 12:19	
			Appearance	Color:			11/09/11 12:19	
				Brown,				
				Sheen:				
				None				
			Field Specific Conductance	1276	umhos/cm		11/09/11 12:19	
			Oxygen, Dissolved	0.14	mg/L		11/09/11 12:19	
			REDOX	-10.6	mV		11/09/11 12:19	
			Turbidity	36.4	NTU		11/09/11 12:19	
			Depth to Water	4.04	feet		11/09/11 12:19	
			Water Level(NGVD)	28.06	feet		11/09/11 12:19	
EPA 6010			Arsenic	7.51	ug/L	10.0	11/12/11 20:24	

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Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3542752008	B33-2					
EPA 6010	Barium	82.0	ug/L	10.0	11/12/11 20:24	
EPA 6010	Chromium	8.1	ug/L	5.0	11/12/11 20:24	
EPA 6010	Copper	3.0	ug/L	5.0	11/12/11 20:24	
EPA 6010	Iron	5360	ug/L	40.0	11/12/11 20:24	
EPA 6010	Nickel	6.9	ug/L	5.0	11/12/11 20:24	
EPA 6010	Sodium	170	mg/L	1.0	11/12/11 20:24	
EPA 6010	Vanadium	17.4	ug/L	10.0	11/12/11 20:24	
SM 2540C	Total Dissolved Solids	1000	mg/L	10.0	11/11/11 12:34	
EPA 300.0	Chloride	101	mg/L	10.0	11/12/11 20:21	
EPA 300.0	Sulfate	28.3	mg/L	5.0	11/10/11 11:59	
EPA 350.1	Nitrogen, Ammonia	0.36	mg/L	0.050	11/16/11 08:06	
3542752009	B2					
	Field pH	5.40	Std. Units		11/09/11 12:30	
	Field Temperature	23.98	deg C		11/09/11 12:30	
	Appearance	Color:			11/09/11 12:30	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	888	umhos/cm		11/09/11 12:30	
	Oxygen, Dissolved	0.21	mg/L		11/09/11 12:30	
	REDOX	30.8	mV		11/09/11 12:30	
	Turbidity	4.28	NTU		11/09/11 12:30	
	Depth to Water	7.25	feet		11/09/11 12:30	
	Water Level(NGVD)	24.56	feet		11/09/11 12:30	
EPA 6010	Arsenic	6.2	ug/L	10.0	11/12/11 20:28	
EPA 6010	Barium	117	ug/L	10.0	11/12/11 20:28	
EPA 6010	Beryllium	1.7	ug/L	1.0	11/12/11 20:28	
EPA 6010	Chromium	3.3	ug/L	5.0	11/12/11 20:28	
EPA 6010	Copper	3.7	ug/L	5.0	11/12/11 20:28	
EPA 6010	Iron	37700	ug/L	40.0	11/12/11 20:28	
EPA 6010	Nickel	10.3	ug/L	5.0	11/12/11 20:28	
EPA 6010	Sodium	33.5	mg/L	1.0	11/12/11 20:28	
EPA 6010	Vanadium	13.9	ug/L	10.0	11/12/11 20:28	
SM 2540C	Total Dissolved Solids	662	mg/L	5.0	11/11/11 12:35	
EPA 300.0	Chloride	38.3	mg/L	5.0	11/10/11 12:11	
EPA 300.0	Sulfate	308	mg/L	50.0	11/12/11 20:33	
EPA 350.1	Nitrogen, Ammonia	3.0	mg/L	0.050	11/16/11 08:07	
3542752010	B63-1					
	Field pH	6.49	Std. Units		11/09/11 13:17	
	Field Temperature	23.73	deg C		11/09/11 13:17	
	Appearance	Color:			11/09/11 13:17	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	535	umhos/cm		11/09/11 13:17	
	Oxygen, Dissolved	0.25	mg/L		11/09/11 13:17	
	REDOX	-21.6	mV		11/09/11 13:17	

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3542752010	B63-1		Turbidity	3.44	NTU		11/09/11 13:17	
			Depth to Water	2.52	feet		11/09/11 13:17	
			Water Level(NGVD)	27.54	feet		11/09/11 13:17	
EPA 6010			Barium	49.2	ug/L	10.0	11/12/11 20:32	
EPA 6010			Iron	2560	ug/L	40.0	11/12/11 20:32	
EPA 6010			Sodium	56.5	mg/L	1.0	11/12/11 20:32	
SM 2540C			Total Dissolved Solids	358	mg/L	5.0	11/11/11 12:35	
EPA 300.0			Chloride	50.6	mg/L	5.0	11/10/11 12:23	
EPA 350.1			Nitrogen, Ammonia	0.080	mg/L	0.050	11/16/11 08:07	
3542752011	B33-1		Field pH	7.52	Std. Units		11/09/11 13:22	
			Field Temperature	24.11	deg C		11/09/11 13:22	
			Appearance	Color: Brown, Sheen: None			11/09/11 13:22	
			Field Specific Conductance	467	umhos/cm		11/09/11 13:22	
			Oxygen, Dissolved	0.70	mg/L		11/09/11 13:22	
			REDOX	3.5	mV		11/09/11 13:22	
			Turbidity	1.24	NTU		11/09/11 13:22	
			Depth to Water	6.80	feet		11/09/11 13:22	
			Water Level(NGVD)	26.02	feet		11/09/11 13:22	
EPA 6010			Barium	34.8	ug/L	10.0	11/12/11 20:36	
EPA 6010			Chromium	3.5	ug/L	5.0	11/12/11 20:36	
EPA 6010			Iron	8190	ug/L	40.0	11/12/11 20:36	
EPA 6010			Sodium	53.6	mg/L	1.0	11/12/11 20:36	
EPA 6010			Vanadium	5.4	ug/L	10.0	11/12/11 20:36	
SM 2540C			Total Dissolved Solids	379	mg/L	5.0	11/14/11 10:26	
EPA 300.0			Chloride	40.1	mg/L	5.0	11/10/11 12:59	
EPA 350.1			Nitrogen, Ammonia	0.21	mg/L	0.050	11/16/11 08:08	
3542752012	B63-2		Field pH	6.78	Std. Units		11/09/11 13:45	
			Field Temperature	24.27	deg C		11/09/11 13:45	
			Appearance	Color: None, Sheen: None			11/09/11 13:45	
			Field Specific Conductance	675	umhos/cm		11/09/11 13:45	
			Oxygen, Dissolved	0.34	mg/L		11/09/11 13:45	
			REDOX	-75.5	mV		11/09/11 13:45	
			Turbidity	3.86	NTU		11/09/11 13:45	
			Depth to Water	2.82	feet		11/09/11 13:45	
			Water Level(NGVD)	27.60	feet		11/09/11 13:45	
EPA 6010			Barium	57.3	ug/L	10.0	11/12/11 20:40	
EPA 6010			Iron	8330	ug/L	40.0	11/12/11 20:40	
EPA 6010			Sodium	13.9	mg/L	1.0	11/12/11 20:40	
SM 2540C			Total Dissolved Solids	436	mg/L	5.0	11/14/11 10:27	

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Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3542752012	B63-2					
EPA 300.0	Chloride	14.8	mg/L	5.0	11/10/11 13:36	
EPA 300.0	Sulfate	3.7	mg/L	5.0	11/10/11 13:36	
3542752013	B32					
	Field pH	8.38	Std. Units		11/09/11 14:08	
	Field Temperature	23.39	deg C		11/09/11 14:08	
	Appearance	Color:			11/09/11 14:08	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	512	umhos/cm		11/09/11 14:08	
	Oxygen, Dissolved	0.25	mg/L		11/09/11 14:08	
	REDOX	-50.1	mV		11/09/11 14:08	
	Turbidity	2.01	NTU		11/09/11 14:08	
	Depth to Water	3.55	feet		11/09/11 14:08	
	Water Level(NGVD)	26.96	feet		11/09/11 14:08	
EPA 6010	Barium	27.8	ug/L	10.0	11/12/11 20:45	
EPA 6010	Iron	4660	ug/L	40.0	11/12/11 20:45	
EPA 6010	Sodium	25.9	mg/L	1.0	11/12/11 20:45	
SM 2540C	Total Dissolved Solids	335	mg/L	5.0	11/14/11 10:27	
EPA 300.0	Chloride	35.6	mg/L	5.0	11/10/11 13:48	
EPA 300.0	Sulfate	20.6	mg/L	5.0	11/10/11 13:48	
EPA 350.1	Nitrogen, Ammonia	0.041	mg/L	0.050	11/16/11 08:10	
3542752014	B35-1					
	Field pH	5.22	Std. Units		11/09/11 14:49	
	Field Temperature	22.91	deg C		11/09/11 14:49	
	Appearance	Color:			11/09/11 14:49	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	325	umhos/cm		11/09/11 14:49	
	Oxygen, Dissolved	0.16	mg/L		11/09/11 14:49	
	REDOX	48.5	mV		11/09/11 14:49	
	Turbidity	0.59	NTU		11/09/11 14:49	
	Depth to Water	1.95	feet		11/09/11 14:49	
	Water Level(NGVD)	27.34	feet		11/09/11 14:49	
EPA 6010	Barium	99.4	ug/L	10.0	11/12/11 20:49	
EPA 6010	Iron	10500	ug/L	40.0	11/12/11 20:49	
EPA 6010	Sodium	22.6	mg/L	1.0	11/12/11 20:49	
SM 2540C	Total Dissolved Solids	270	mg/L	5.0	11/14/11 10:27	
EPA 300.0	Chloride	77.9	mg/L	5.0	11/10/11 14:00	
EPA 350.1	Nitrogen, Ammonia	0.14	mg/L	0.050	11/16/11 08:11	
3542752015	B5					
	Field pH	8.18	Std. Units		11/09/11 14:54	
	Field Temperature	23.88	deg C		11/09/11 14:54	

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3542752015	B5	Appearance	Color:				11/09/11 14:54			
			None,							
			Sheen:							
					None					
					Field Specific Conductance	843 umhos/cm			11/09/11 14:54	
					Oxygen, Dissolved	0.19 mg/L			11/09/11 14:54	
					REDOX	-52.4 mV			11/09/11 14:54	
					Turbidity	3.19 NTU			11/09/11 14:54	
					Depth to Water	4.91 feet			11/09/11 14:54	
					Water Level(NGVD)	27.75 feet			11/09/11 14:54	
		EPA 6010			Barium	88.2 ug/L		10.0	11/12/11 20:53	
		EPA 6010			Iron	18000 ug/L		40.0	11/12/11 20:53	
		EPA 6010			Sodium	21.9 mg/L		1.0	11/12/11 20:53	
SM 2540C			Total Dissolved Solids	480 mg/L		5.0	11/14/11 10:28			
EPA 300.0			Chloride	27.7 mg/L		5.0	11/10/11 14:12			
EPA 350.1			Nitrogen, Ammonia	0.20 mg/L		0.050	11/16/11 08:12			
3542752016	B35-2	Field pH		6.44 Std. Units			11/09/11 15:21			
			Field Temperature		23.69 deg C				11/09/11 15:21	
				Appearance	Color:					
		Orange,								
		Sheen:								
					None					
					Field Specific Conductance	364 umhos/cm			11/09/11 15:21	
					Oxygen, Dissolved	0.17 mg/L			11/09/11 15:21	
					REDOX	-94.5 mV			11/09/11 15:21	
					Turbidity	1.77 NTU			11/09/11 15:21	
					Depth to Water	1.60 feet			11/09/11 15:21	
					Water Level(NGVD)	27.76 feet			11/09/11 15:21	
		EPA 6010			Barium	32.7 ug/L		10.0	11/12/11 20:57	
EPA 6010			Copper	2.6 ug/L		5.0	11/12/11 20:57			
EPA 6010			Iron	18100 ug/L		40.0	11/12/11 20:57			
EPA 6010			Sodium	15.8 mg/L		1.0	11/12/11 20:57			
EPA 6010			Vanadium	12.8 ug/L		10.0	11/12/11 20:57			
EPA 8260			Toluene	6.0 ug/L		1.0	11/16/11 03:46			
SM 2540C			Total Dissolved Solids	273 mg/L		5.0	11/14/11 10:28			
EPA 300.0			Chloride	21.3 mg/L		5.0	11/10/11 14:24			
EPA 350.1			Nitrogen, Ammonia	0.88 mg/L		0.050	11/16/11 08:15			
3542752017	F-MB	Field pH		8.07 Std. Units			11/09/11 16:35			
			Field Temperature		23.10 deg C				11/09/11 16:35	
				Appearance	Color:					
		None,								
		Sheen:								
					None					
			Field Specific Conductance	589 umhos/cm			11/09/11 16:35			
			Oxygen, Dissolved	0.05 mg/L			11/09/11 16:35			
			REDOX	-36.0 mV			11/09/11 16:35			

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3542752017	F-MB					
	Turbidity	5.74	NTU		11/09/11 16:35	
	Depth to Water	16.30	feet		11/09/11 16:35	
	Water Level(NGVD)	17.58	feet		11/09/11 16:35	
EPA 6010	Barium	18.8	ug/L	10.0	11/12/11 21:01	
EPA 6010	Iron	359	ug/L	40.0	11/12/11 21:01	
EPA 6010	Sodium	15.5	mg/L	1.0	11/12/11 21:01	
SM 2540C	Total Dissolved Solids	346	mg/L	5.0	11/14/11 10:28	
EPA 300.0	Nitrate as N	0.12	mg/L	0.050	11/10/11 14:37	
EPA 300.0	Chloride	20.0	mg/L	5.0	11/10/11 14:37	
EPA 350.1	Nitrogen, Ammonia	0.27	mg/L	0.050	11/16/11 08:16	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LFT
Pace Project No.: 3542752

Sample: Equipment Blank (11/9/11) Lab ID: 3542752001 Collected: 11/09/11 09:40 Received: 11/09/11 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	11/10/11 12:00	11/10/11 18:16	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 18:16	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:23	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:23	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:23	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:23	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:23	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:23	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:23	7440-50-8	CU
Iron	20.0U	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 19:23	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:23	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:23	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 19:23	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:23	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:23	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:23	7440-62-2	
	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 19:23	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:08	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:08	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 05:56	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 20:55	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 20:55	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 20:55	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	95-50-1	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: Equipment Blank (11/9/11) Lab ID: 3542752001 Collected: 11/09/11 09:40 Received: 11/09/11 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		11/15/11 20:55	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 20:55	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 20:55	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 20:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 20:55	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 20:55	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 20:55	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 20:55	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 20:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		70-114		1		11/15/11 20:55	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/15/11 20:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/15/11 20:55	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 20:55	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/11/11 12:31		
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 10:09	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/10/11 10:09	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 10:09	14808-79-8	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual.LF
Pace Project No.: 3542752

Sample: Equipment Blank (11/9/11) Lab ID: 3542752001 Collected: 11/09/11 09:40 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:55	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B60 Lab ID: 3542752002 Collected: 11/09/11 09:58 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	7.33	Std. Units			1		11/09/11 09:58		
Field Temperature	24.68	deg C			1		11/09/11 09:58		
Appearance	Color:				1		11/09/11 09:58		
	None,								
	Sheen:								
	None								
Field Specific Conductance	497	umhos/cm			1		11/09/11 09:58		
Oxygen, Dissolved	0.19	mg/L			1		11/09/11 09:58	7782-44-7	
REDOX	74.0	mV			1		11/09/11 09:58		
Turbidity	0.59	NTU			1		11/09/11 09:58		
Depth to Water	8.23	feet			1		11/09/11 09:58		
Water Level(NGVD)	20.61	feet			1		11/09/11 09:58		
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	11/10/11 12:00	11/10/11 18:32	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/10/11 12:00	11/10/11 18:32	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:35	7440-38-2	
Barium	54.5	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:35	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:35	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:35	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:35	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:35	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:35	7440-50-8	
Iron	3660	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 19:35	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:35	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:35	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 19:35	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:35	7440-22-4	
Sodium	46.1	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:35	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:35	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 19:35	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.63 I	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:20	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:20	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:04	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	71-43-2	J(M1)
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	74-97-5	J(M1)

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B60 Lab ID: 3542752002 Collected: 11/09/11 09:58 Received: 11/09/11 16:30 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		11/15/11 23:23	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	75-25-2	J(M1)
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	56-23-5	J(M1)
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	108-90-7	J(M1)
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 23:23	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 23:23	124-48-1	J(M1)
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	74-95-3	J(M1)
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	95-50-1	J(M1)
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	107-06-2	J(M1)
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	78-87-5	J(M1)
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 23:23	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 23:23	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	100-41-4	J(M1)
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 23:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 23:23	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	630-20-6	J(M1)
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 23:23	79-34-5	J(M1)
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	127-18-4	J(M1)
Toluene	0.55U	ug/L	1.0	0.50	1		11/15/11 23:23	108-88-3	J(M1)
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	71-55-6	J(M1)
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	79-00-5	J(M1)
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	79-01-6	J(M1)
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 23:23	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 23:23	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 23:23	75-01-4	
Xylene (Total)	1.4	ug/L	1.0	0.50	1		11/15/11 23:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/15/11 23:23	460-00-4	
Dibromofluoromethane (S)	100 %		88-117		1		11/15/11 23:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	97 %		86-125		1		11/15/11 23:23	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/15/11 23:23	2037-26-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B60 Lab ID: 3542752002 Collected: 11/09/11 09:58 Received: 11/09/11 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	304	mg/L	5.0	5.0	1		11/11/11 12:32		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 10:46	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	57.5	mg/L	5.0	2.5	1		11/10/11 10:46	16887-00-6	J(M1)
Sulfate	2.71	mg/L	5.0	2.5	1		11/10/11 10:46	14808-79-8	J(M1)
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.73	mg/L	0.050	0.020	1		11/16/11 07:58	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B60 DUP Lab ID: 3542752003 Collected: 11/09/11 09:58 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	7.33	Std. Units			1		11/09/11 09:58		
Field Temperature	24.68	deg C			1		11/09/11 09:58		
Appearance	Color:	None,			1		11/09/11 09:58		
	Sheen:	None							
Field Specific Conductance	497	umhos/cm			1		11/09/11 09:58		
Oxygen, Dissolved	0.19	mg/L			1		11/09/11 09:58	7782-44-7	
REDOX	74.0	mV			1		11/09/11 09:58		
Turbidity	0.59	NTU			1		11/09/11 09:58		
Depth to Water	8.23	feet			1		11/09/11 09:58		
Water Level(NGVD)	20.61	feet			1		11/09/11 09:58		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0049U	ug/L	0.020	0.0049	1	11/10/11 12:00	11/10/11 18:47	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 18:47	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
As	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:39	7440-38-2	
Cd	56.5	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:39	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:39	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:39	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:39	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:39	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:39	7440-50-8	
Iron	3840	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 19:39	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:39	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:39	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 19:39	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:39	7440-22-4	
Sodium	47.6	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:39	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:39	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 19:39	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:29	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:29	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:13	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	74-97-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B60 DUP Lab ID: 3542752003 Collected: 11/09/11 09:58 Received: 11/09/11 16:30 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		11/15/11 23:48	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 23:48	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 23:48	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 23:48	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 23:48	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 23:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 23:48	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 23:48	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 23:48	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 23:48	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 23:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/15/11 23:48	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 23:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/15/11 23:48	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/15/11 23:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B60 DUP Lab ID: 3542752003 Collected: 11/09/11 09:58 Received: 11/09/11 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	298	mg/L	5.0	5.0	1		11/11/11 12:33		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 10:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	57.4	mg/L	5.0	2.5	1		11/10/11 10:58	16887-00-6	
Sulfate	2.91	mg/L	5.0	2.5	1		11/10/11 10:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.75	mg/L	0.050	0.020	1		11/16/11 07:59	7664-41-7	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B68 Lab ID: 3542752004 Collected: 11/09/11 10:18 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.81	Std. Units			1		11/09/11 10:18		
Field Temperature	24.30	deg C			1		11/09/11 10:18		
Appearance	Color: None, Sheen: None				1		11/09/11 10:18		
Field Specific Conductance	657	umhos/cm			1		11/09/11 10:18		
Oxygen, Dissolved	0.24	mg/L			1		11/09/11 10:18	7782-44-7	
REDOX	20.4	mV			1		11/09/11 10:18		
Turbidity	0.60	NTU			1		11/09/11 10:18		
Depth to Water	6.92	feet			1		11/09/11 10:18		
Water Level(NGVD)	22.81	feet			1		11/09/11 10:18		
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	11/10/11 12:00	11/10/11 19:02	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/10/11 12:00	11/10/11 19:02	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:43	7440-38-2	
Barium	98.0	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:43	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:43	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:43	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:43	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:43	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:43	7440-50-8	
Iron	21400	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 19:43	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:43	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:43	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 19:43	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:43	7440-22-4	
Sodium	23.0	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:43	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:43	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 19:43	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:32	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:32	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:16	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B68 Lab ID: 3542752004 Collected: 11/09/11 10:18 Received: 11/09/11 16:30 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		11/16/11 00:12	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 00:12	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 00:12	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 00:12	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 00:12	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 00:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 00:12	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 00:12	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 00:12	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 00:12	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 00:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		70-114		1		11/16/11 00:12	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/16/11 00:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 00:12	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/16/11 00:12	2037-26-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B68 Lab ID: 3542752004 Collected: 11/09/11 10:18 Received: 11/09/11 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	463	mg/L	5.0	5.0	1		11/11/11 12:34		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 11:10	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	38.1	mg/L	5.0	2.5	1		11/10/11 11:10	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 11:10	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.89	mg/L	0.050	0.020	1		11/16/11 08:00	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B11 Lab ID: 3542752005 Collected: 11/09/11 10:51 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.91	Std. Units			1		11/09/11 10:51		
Field Temperature	25.88	deg C			1		11/09/11 10:51		
Appearance	Color:	None,			1		11/09/11 10:51		
	Sheen:	None							
Field Specific Conductance	182	umhos/cm			1		11/09/11 10:51		
Oxygen, Dissolved	0.17	mg/L			1		11/09/11 10:51	7782-44-7	
REDOX	38.2	mV			1		11/09/11 10:51		
Turbidity	1.71	NTU			1		11/09/11 10:51		
Depth to Water	4.62	feet			1		11/09/11 10:51		
Water Level(NGVD)	26.01	feet			1		11/09/11 10:51		
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	11/10/11 12:00	11/10/11 19:18	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/10/11 12:00	11/10/11 19:18	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Chromium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:48	7440-38-2	
Lead	51.0	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:48	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:48	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:48	7440-43-9	
Chromium	3.81	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:48	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:48	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:48	7440-50-8	
Iron	2550	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 19:48	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:48	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:48	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 19:48	7782-49-2	J(M1)
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 19:48	7440-22-4	
Sodium	6.6	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 19:48	7440-23-5	
Vanadium	16.0	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 19:48	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 19:48	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:41	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:41	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:19	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B11 Lab ID: 3542752005 Collected: 11/09/11 10:51 Received: 11/09/11 16:30 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		11/16/11 03:05	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 03:05	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 03:05	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:05	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:05	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 03:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:05	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 03:05	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 03:05	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 03:05	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 03:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/16/11 03:05	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/16/11 03:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/16/11 03:05	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/16/11 03:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B11 Lab ID: 3542752005 Collected: 11/09/11 10:51 Received: 11/09/11 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	157	mg/L	5.0	5.0	1		11/11/11 12:34		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.13	mg/L	0.050	0.025	1		11/10/11 11:22	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	10.2	mg/L	5.0	2.5	1		11/10/11 11:22	16887-00-6	
Sulfate	20.6	mg/L	5.0	2.5	1		11/10/11 11:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.50	mg/L	0.050	0.020	1		11/16/11 08:01	7664-41-7	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B8 Lab ID: 3542752006 Collected: 11/09/11 11:00 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.47	Std. Units			1		11/09/11 11:00		
Field Temperature	23.97	deg C			1		11/09/11 11:00		
Appearance	Color:				1		11/09/11 11:00		
	None,								
	Sheen:								
	None								
Field Specific Conductance	616	umhos/cm			1		11/09/11 11:00		
Oxygen, Dissolved	0.16	mg/L			1		11/09/11 11:00	7782-44-7	
REDOX	-74.6	mV			1		11/09/11 11:00		
Turbidity	0.24	NTU			1		11/09/11 11:00		
Depth to Water	14.12	feet			1		11/09/11 11:00		
Water Level(NGVD)	18.90	feet			1		11/09/11 11:00		
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	11/10/11 12:00	11/10/11 19:33	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 19:33	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:08	7440-38-2	
Barium	31.3	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:08	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:08	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:08	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:08	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:08	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:08	7440-50-8	
Iron	675	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:08	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:08	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:08	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:08	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:08	7440-22-4	
Sodium	35.9	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:08	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:08	7440-62-2	
Zinc	20.0	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:08	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:44	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:44	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:21	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B8 Lab ID: 3542752006 Collected: 11/09/11 11:00 Received: 11/09/11 16:30 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		11/16/11 00:37	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 00:37	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 00:37	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	156-59-2	
trans-1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 00:37	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 00:37	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 00:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 00:37	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	630-20-6	
1,1,1,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 00:37	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 00:37	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 00:37	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 00:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104 %		70-114		1		11/16/11 00:37	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/16/11 00:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 00:37	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/16/11 00:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semiannual LF
Pace Project No.: 3542752

Sample: B8 Lab ID: 3542752006 Collected: 11/09/11 11:00 Received: 11/09/11 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	415	mg/L	5.0	5.0	1		11/11/11 12:34		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 11:34	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	59.8	mg/L	5.0	2.5	1		11/10/11 11:34	16887-00-6	
Sulfate	7.3	mg/L	5.0	2.5	1		11/10/11 11:34	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.19	mg/L	0.050	0.020	1		11/16/11 08:04	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B8-2 Lab ID: 3542752007 Collected: 11/09/11 11:47 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.55	Std. Units			1		11/09/11 11:47		
Field Temperature	24.99	deg C			1		11/09/11 11:47		
Appearance	Color: None, Sheen: None				1		11/09/11 11:47		
Field Specific Conductance	969	umhos/cm			1		11/09/11 11:47		
Oxygen, Dissolved	0.20	mg/L			1		11/09/11 11:47	7782-44-7	
REDOX	11.1	mV			1		11/09/11 11:47		
Turbidity	0.09	NTU			1		11/09/11 11:47		
Depth to Water	6.22	feet			1		11/09/11 11:47		
Water Level(NGVD)	27.08	feet			1		11/09/11 11:47		
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	11/10/11 12:00	11/10/11 19:48	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	11/10/11 12:00	11/10/11 19:48	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:12	7440-38-2	
Ammonium	133	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:12	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:12	7440-41-7	
Cadmium	2.5U	ug/L	5.0	2.5	5	11/10/11 11:41	11/15/11 03:48	7440-43-9	D3
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:12	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:12	7440-48-4	
Copper	2.8	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:12	7440-50-8	
Iron	29800	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:12	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:12	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:12	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:12	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:12	7440-22-4	
Sodium	34.1	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:12	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:12	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:12	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:47	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:47	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:24	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B8-2 Lab ID: 3542752007 Collected: 11/09/11 11:47 Received: 11/09/11 16:30 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		11/16/11 01:02	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 01:02	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 01:02	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 01:02	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 01:02	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 01:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 01:02	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 01:02	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 01:02	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 01:02	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 01:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-114		1		11/16/11 01:02	460-00-4	
Dibromofluoromethane (S)	101	%	88-117		1		11/16/11 01:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		11/16/11 01:02	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/16/11 01:02	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B8-2 Lab ID: 3542752007 Collected: 11/09/11 11:47 Received: 11/09/11 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	876	mg/L	10.0	10.0	1		11/11/11 12:34		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 11:46	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	182	mg/L	50.0	25.0	10		11/12/11 20:09	16887-00-6	
Sulfate	96.7	mg/L	5.0	2.5	1		11/10/11 11:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.048 I	mg/L	0.050	0.020	1		11/16/11 08:05	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B33-2 Lab ID: 3542752008 Collected: 11/09/11 12:19 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data		Analytical Method:							
Field pH	7.83	Std. Units			1		11/09/11 12:19		
Field Temperature	24.78	deg C			1		11/09/11 12:19		
Appearance	Color:				1		11/09/11 12:19		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	1276	umhos/cm			1		11/09/11 12:19		
Oxygen, Dissolved	0.14	mg/L			1		11/09/11 12:19	7782-44-7	
REDOX	-10.6	mV			1		11/09/11 12:19		
Turbidity	36.4	NTU			1		11/09/11 12:19		
Depth to Water	4.04	feet			1		11/09/11 12:19		
Water Level(NGVD)	28.06	feet			1		11/09/11 12:19		

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	11/10/11 12:00	11/10/11 20:19	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/10/11 12:00	11/10/11 20:19	106-93-4	

6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	7.5 I	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:24	7440-38-2	
Barium	82.0	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:24	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:24	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:24	7440-43-9	
Chromium	8.1	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:24	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:24	7440-48-4	
Copper	3.0 I	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:24	7440-50-8	
Iron	5360	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:24	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:24	7439-92-1	
Nickel	6.9	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:24	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:24	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:24	7440-22-4	
Sodium	170	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:24	7440-23-5	
Vanadium	17.4	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:24	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 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	11/10/11 11:41	11/11/11 08:49	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:49	7440-28-0	

7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:27	7439-97-6	

8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual.LF
Pace Project No.: 3542752

Sample: B33-2 Lab ID: 3542752008 Collected: 11/09/11 12:19 Received: 11/09/11 16:30 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		11/16/11 03:54	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 03:54	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 03:54	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:54	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:54	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:54	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 03:54	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 03:54	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 03:54	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 03:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104 %		70-114		1		11/16/11 03:54	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/16/11 03:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 03:54	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/16/11 03:54	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

Sample: B33-2 Lab ID: 3542752008 Collected: 11/09/11 12:19 Received: 11/09/11 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	1000	mg/L	10.0	10.0	1		11/11/11 12:34		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 11:59	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	101	mg/L	10.0	5.0	2		11/12/11 20:21	16887-00-6	
Sulfate	28.3	mg/L	5.0	2.5	1		11/10/11 11:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.36	mg/L	0.050	0.020	1		11/16/11 08:06	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B2 Lab ID: 3542752009 Collected: 11/09/11 12:30 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.40	Std. Units			1		11/09/11 12:30		
Field Temperature	23.98	deg C			1		11/09/11 12:30		
Appearance	Color:	None,			1		11/09/11 12:30		
	Sheen:	None							
Field Specific Conductance	888	umhos/cm			1		11/09/11 12:30		
Oxygen, Dissolved	0.21	mg/L			1		11/09/11 12:30	7782-44-7	
REDOX	30.8	mV			1		11/09/11 12:30		
Turbidity	4.28	NTU			1		11/09/11 12:30		
Depth to Water	7.25	feet			1		11/09/11 12:30		
Water Level(NGVD)	24.56	feet			1		11/09/11 12:30		
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	11/10/11 12:00	11/10/11 20:34	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/10/11 12:00	11/10/11 20:34	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	6.21	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:28	7440-38-2	
Ammonium	117	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:28	7440-39-3	
Beryllium	1.7	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:28	7440-41-7	
Cadmium	2.5U	ug/L	5.0	2.5	5	11/10/11 11:41	11/15/11 03:52	7440-43-9	D3
Chromium	3.31	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:28	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:28	7440-48-4	
Copper	3.71	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:28	7440-50-8	
Iron	3770U	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:28	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:28	7439-92-1	
Nickel	10.3	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:28	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:28	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:28	7440-22-4	
Sodium	33.5	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:28	7440-23-5	
Vanadium	13.9	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:28	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:28	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:52	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:52	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:30	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B2 Lab ID: 3542752009 Collected: 11/09/11 12:30 Received: 11/09/11 16:30 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		11/16/11 01:26	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 01:26	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 01:26	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 01:26	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 01:26	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 01:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 01:26	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 01:26	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 01:26	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 01:26	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 01:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100 %		70-114		1		11/16/11 01:26	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/16/11 01:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 01:26	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/16/11 01:26	2037-26-5	

ANALYTICAL RESULTS

Project: Torroka Semi-annual LF
Pace Project No.: 3542752

Sample: B2 Lab ID: 3542752009 Collected: 11/09/11 12:30 Received: 11/09/11 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	662	mg/L	5.0	5.0	1		11/11/11 12:35		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 12:11	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	38.3	mg/L	5.0	2.5	1		11/10/11 12:11	16887-00-6	
Sulfate	308	mg/L	50.0	25.0	10		11/12/11 20:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	3.0	mg/L	0.050	0.020	1		11/16/11 08:07	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

Sample: B63-1 Lab ID: 3542752010 Collected: 11/09/11 13:17 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.49	Std. Units			1		11/09/11 13:17		
Field Temperature	23.73	deg C			1		11/09/11 13:17		
Appearance	Color: None, Sheen: None				1		11/09/11 13:17		
Field Specific Conductance	535	umhos/cm			1		11/09/11 13:17		
Oxygen, Dissolved	0.25	mg/L			1		11/09/11 13:17	7782-44-7	
REDOX	-21.6	mV			1		11/09/11 13:17		
Turbidity	3.44	NTU			1		11/09/11 13:17		
Depth to Water	2.52	feet			1		11/09/11 13:17		
Water Level(NGVD)	27.54	feet			1		11/09/11 13:17		
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	11/10/11 12:00	11/10/11 20:50	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/10/11 12:00	11/10/11 20:50	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:32	7440-38-2	
Barium	49.2	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:32	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:32	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:32	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:32	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:32	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:32	7440-50-8	
Iron	2560	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:32	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:32	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:32	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:32	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:32	7440-22-4	
Sodium	56.5	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:32	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:32	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:32	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:55	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 08:55	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:39	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	74-97-5	

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B63-1 Lab ID: 3542752010 Collected: 11/09/11 13:17 Received: 11/09/11 16:30 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		11/16/11 01:51	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 01:51	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 01:51	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 01:51	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 01:51	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 01:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 01:51	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 01:51	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 01:51	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 01:51	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 01:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104 %		70-114		1		11/16/11 01:51	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/16/11 01:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 01:51	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/16/11 01:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semiannual LF

Pace Project No.: 3542752

Sample: B63-1 Lab ID: 3542752010 Collected: 11/09/11 13:17 Received: 11/09/11 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	358	mg/L	5.0	5.0	1		11/11/11 12:35		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 12:23	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	50.6	mg/L	5.0	2.5	1		11/10/11 12:23	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 12:23	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.080	mg/L	0.050	0.020	1		11/16/11 08:07	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

Sample: B33-1 Lab ID: 3542752011 Collected: 11/09/11 13:22 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	7.52	Std. Units			1		11/09/11 13:22		
Field Temperature	24.11	deg C			1		11/09/11 13:22		
Appearance	Color:				1		11/09/11 13:22		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	467	umhos/cm			1		11/09/11 13:22		
Oxygen, Dissolved	0.70	mg/L			1		11/09/11 13:22	7782-44-7	
REDOX	3.5	mV			1		11/09/11 13:22		
Turbidity	1.24	NTU			1		11/09/11 13:22		
Depth to Water	6.80	feet			1		11/09/11 13:22		
Water Level(NGVD)	26.02	feet			1		11/09/11 13:22		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0048U	ug/L	0.019	0.0048	1	11/14/11 09:00	11/14/11 17:49	96-12-8	
1,2-Dibromoethane (EDB)	0.0060U	ug/L	0.0097	0.0060	1	11/14/11 09:00	11/14/11 17:49	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
As	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:36	7440-38-2	
Cd	34.8	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:36	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:36	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:36	7440-43-9	
Chromium	3.5 I	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:36	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:36	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:36	7440-50-8	
Iron	8190	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:36	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:36	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:36	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:36	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:36	7440-22-4	
Sodium	53.6	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:36	7440-23-5	
Vanadium	5.4 I	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:36	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:36	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:07	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:07	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:42	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B33-1 Lab ID: 3542752011 Collected: 11/09/11 13:22 Received: 11/09/11 16:30 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		11/16/11 03:30	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 03:30	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 03:30	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:30	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:30	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 03:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:30	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 03:30	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 03:30	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 03:30	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 03:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104 %		70-114		1		11/16/11 03:30	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/16/11 03:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	102 %		86-125		1		11/16/11 03:30	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/16/11 03:30	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B33-1 Lab ID: 3542752011 Collected: 11/09/11 13:22 Received: 11/09/11 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	379	mg/L	5.0	5.0	1		11/14/11 10:26		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 12:59	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	40.1	mg/L	5.0	2.5	1		11/10/11 12:59	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 12:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.21	mg/L	0.050	0.020	1		11/16/11 08:08	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B63-2 Lab ID: 3542752012 Collected: 11/09/11 13:45 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
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Field Data		Analytical Method:							
Field pH	6.78	Std. Units			1		11/09/11 13:45		
Field Temperature	24.27	deg C			1		11/09/11 13:45		
Appearance	Color:				1		11/09/11 13:45		
	None,								
	Sheen:								
	None								
Field Specific Conductance	675	umhos/cm			1		11/09/11 13:45		
Oxygen, Dissolved	0.34	mg/L			1		11/09/11 13:45	7782-44-7	
REDOX	-75.5	mV			1		11/09/11 13:45		
Turbidity	3.86	NTU			1		11/09/11 13:45		
Depth to Water	2.82	feet			1		11/09/11 13:45		
Water Level(NGVD)	27.60	feet			1		11/09/11 13:45		

8011 GCS EDB and DBCP		Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/14/11 09:00	11/14/11 18:04	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/14/11 09:00	11/14/11 18:04	106-93-4	

6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:40	7440-38-2	
Barium	57.3	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:40	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:40	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:40	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:40	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:40	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:40	7440-50-8	
Iron	8330	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:40	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:40	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:40	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:40	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:40	7440-22-4	
Sodium	13.9	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:40	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:40	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:40	7440-66-6	

6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:10	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:10	7440-28-0	

7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:44	7439-97-6	

8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B63-2 Lab ID: 3542752012 Collected: 11/09/11 13:45 Received: 11/09/11 16:30 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		11/16/11 02:16	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 02:16	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 02:16	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:16	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:16	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 02:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:16	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 02:16	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 02:16	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 02:16	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 02:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104 %		70-114		1		11/16/11 02:16	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/16/11 02:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 02:16	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/16/11 02:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B63-2 Lab ID: 3542752012 Collected: 11/09/11 13:45 Received: 11/09/11 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	436	mg/L	5.0	5.0	1		11/14/11 10:27		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 13:36	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	14.8	mg/L	5.0	2.5	1		11/10/11 13:36	16887-00-6	
Sulfate	3.7 I	mg/L	5.0	2.5	1		11/10/11 13:36	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 08:09	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B32 Lab ID: 3542752013 Collected: 11/09/11 14:08 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	8.38	Std. Units			1		11/09/11 14:08		
Field Temperature	23.39	deg C			1		11/09/11 14:08		
Appearance	Color:	None,			1		11/09/11 14:08		
	Sheen:	None							
Field Specific Conductance	512	umhos/cm			1		11/09/11 14:08		
Oxygen, Dissolved	0.25	mg/L			1		11/09/11 14:08	7782-44-7	
REDOX	-50.1	mV			1		11/09/11 14:08		
Turbidity	2.01	NTU			1		11/09/11 14:08		
Depth to Water	3.55	feet			1		11/09/11 14:08		
Water Level(NGVD)	26.96	feet			1		11/09/11 14:08		
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	11/14/11 09:00	11/14/11 18:19	96-12-8	
1,2-Dibromoethane (EDB)	0.0061U	ug/L	0.0098	0.0061	1	11/14/11 09:00	11/14/11 18:19	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Ammonium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:45	7440-38-2	
Ammonia	27.8	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:45	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:45	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:45	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:45	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:45	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:45	7440-50-8	
Iron	4660	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:45	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:45	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:45	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:45	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:45	7440-22-4	
Sodium	25.9	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:45	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:45	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:45	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:13	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:13	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:47	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B32 Lab ID: 3542752013 Collected: 11/09/11 14:08 Received: 11/09/11 16:30 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		11/16/11 02:40	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 02:40	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 02:40	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:40	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:40	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 02:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:40	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 02:40	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 02:40	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 02:40	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 02:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		70-114		1		11/16/11 02:40	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/16/11 02:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/16/11 02:40	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/16/11 02:40	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B32 Lab ID: 3542752013 Collected: 11/09/11 14:08 Received: 11/09/11 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	335	mg/L	5.0	5.0	1		11/14/11 10:27		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 13:48	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	35.6	mg/L	5.0	2.5	1		11/10/11 13:48	16887-00-6	
Sulfate	20.6	mg/L	5.0	2.5	1		11/10/11 13:48	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.041 I	mg/L	0.050	0.020	1		11/16/11 08:10	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B35-1 Lab ID: 3542752014 Collected: 11/09/11 14:49 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.22	Std. Units			1		11/09/11 14:49		
Field Temperature	22.91	deg C			1		11/09/11 14:49		
Appearance	Color:				1		11/09/11 14:49		
	None,								
	Sheen:								
	None								
Field Specific Conductance	325	umhos/cm			1		11/09/11 14:49		
Oxygen, Dissolved	0.16	mg/L			1		11/09/11 14:49	7782-44-7	
REDOX	48.5	mV			1		11/09/11 14:49		
Turbidity	0.59	NTU			1		11/09/11 14:49		
Depth to Water	1.95	feet			1		11/09/11 14:49		
Water Level(NGVD)	27.34	feet			1		11/09/11 14:49		
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	11/14/11 09:00	11/14/11 18:35	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/14/11 09:00	11/14/11 18:35	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:49	7440-38-2	
Barium	99.4	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:49	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:49	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:49	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:49	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:49	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:49	7440-50-8	
Iron	10500	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:49	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:49	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:49	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:49	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:49	7440-22-4	
Sodium	22.6	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:49	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:49	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:49	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:16	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:16	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:50	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	107-13-1	J(M1)
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

Sample: B35-1 Lab ID: 3542752014 Collected: 11/09/11 14:49 Received: 11/09/11 16:30 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		11/15/11 22:26	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	75-00-3	J(M1)
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 22:26	74-87-3	J(M0), L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 22:26	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 22:26	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 22:26	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	591-78-6	J(M1)
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 22:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 22:26	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 22:26	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 22:26	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 22:26	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 22:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/15/11 22:26	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/15/11 22:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	111 %		86-125		1		11/15/11 22:26	17060-07-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B35-1 Lab ID: 3542752014 Collected: 11/09/11 14:49 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	99 %		87-113		1		11/15/11 22:26	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	270 mg/L		5.0	5.0	1		11/14/11 10:27		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U mg/L		0.050	0.025	1		11/10/11 14:00	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	77.9 mg/L		5.0	2.5	1		11/10/11 14:00	16887-00-6	
Sulfate	2.5U mg/L		5.0	2.5	1		11/10/11 14:00	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.14 mg/L		0.050	0.020	1		11/16/11 08:11	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B5 Lab ID: 3542752015 Collected: 11/09/11 14:54 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:								
Field pH	8.18	Std. Units			1		11/09/11 14:54		
Field Temperature	23.88	deg C			1		11/09/11 14:54		
Appearance	Color: None; Sheen: None				1		11/09/11 14:54		
Field Specific Conductance	843	umhos/cm			1		11/09/11 14:54		
Oxygen, Dissolved	0.19	mg/L			1		11/09/11 14:54	7782-44-7	
REDOX	-52.4	mV			1		11/09/11 14:54		
Turbidity	3.19	NTU			1		11/09/11 14:54		
Depth to Water	4.91	feet			1		11/09/11 14:54		
Water Level(NGVD)	27.75	feet			1		11/09/11 14:54		
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	11/14/11 09:00	11/14/11 18:50	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.0099	0.0062	1	11/14/11 09:00	11/14/11 18:50	106-93-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Aluminum	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:53	7440-38-2	
Ammonium	88.2	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:53	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:53	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:53	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:53	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:53	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:53	7440-50-8	
Iron	1800U	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:53	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:53	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:53	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:53	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:53	7440-22-4	
Sodium	21.9	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:53	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:53	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:53	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:19	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:19	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:53	7439-97-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	74-97-5	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B5 Lab ID: 3542752015 Collected: 11/09/11 14:54 Received: 11/09/11 16:30 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		11/16/11 03:22	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 03:22	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 03:22	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:22	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:22	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 03:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:22	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 03:22	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 03:22	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 03:22	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 03:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90 %		70-114		1		11/16/11 03:22	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/16/11 03:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	107 %		86-125		1		11/16/11 03:22	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/16/11 03:22	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B5 Lab ID: 3542752015 Collected: 11/09/11 14:54 Received: 11/09/11 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	480	mg/L	5.0	5.0	1		11/14/11 10:28		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 14:12	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	27.7	mg/L	5.0	2.5	1		11/10/11 14:12	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 14:12	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.20	mg/L	0.050	0.020	1		11/16/11 08:12	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B35-2 Lab ID: 3542752016 Collected: 11/09/11 15:21 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.44	Std. Units			1		11/09/11 15:21		
Field Temperature	23.69	deg C			1		11/09/11 15:21		
Appearance	Color:				1		11/09/11 15:21		
	Orange,								
	Sheen:								
	None								
Field Specific Conductance	364	umhos/cm			1		11/09/11 15:21		
Oxygen, Dissolved	0.17	mg/L			1		11/09/11 15:21	7782-44-7	
REDOX	-94.5	mV			1		11/09/11 15:21		
Turbidity	1.77	NTU			1		11/09/11 15:21		
Depth to Water	1.60	feet			1		11/09/11 15:21		
Water Level(NGVD)	27.76	feet			1		11/09/11 15:21		

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	11/14/11 09:00	11/14/11 19:06	96-12-8	
1,2-Dibromoethane (EDB)	0.0061U	ug/L	0.0099	0.0061	1	11/14/11 09:00	11/14/11 19:06	106-93-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Arsenic	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:57	7440-38-2	
Barium	32.7	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:57	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:57	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:57	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:57	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:57	7440-48-4	
Copper	2.6	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:57	7440-50-8	
Iron	18100	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 20:57	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:57	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:57	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 20:57	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 20:57	7440-22-4	
Sodium	15.8	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 20:57	7440-23-5	
Vanadium	12.8	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 20:57	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 20:57	7440-66-6	

6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010

Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:22	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:22	7440-28-0	

7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470

Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:56	7439-97-6	
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8260 MSV Analytical Method: EPA 8260

Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

Sample: B35-2 Lab ID: 3542752016 Collected: 11/09/11 15:21 Received: 11/09/11 16:30 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		11/16/11 03:46	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 03:46	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 03:46	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:46	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 03:46	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 03:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 03:46	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 03:46	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	127-18-4	
Toluene	6.0	ug/L	1.0	0.50	1		11/16/11 03:46	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 03:46	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 03:46	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 03:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99 %		70-114		1		11/16/11 03:46	460-00-4	
Dibromofluoromethane (S)	108 %		88-117		1		11/16/11 03:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	111 %		86-125		1		11/16/11 03:46	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/16/11 03:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: B35-2 Lab ID: 3542752016 Collected: 11/09/11 15:21 Received: 11/09/11 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	273	mg/L	5.0	5.0	1		11/14/11 10:28		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/10/11 14:24	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	21.3	mg/L	5.0	2.5	1		11/10/11 14:24	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 14:24	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.88	mg/L	0.050	0.020	1		11/16/11 08:15	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: F-MB Lab ID: 3542752017 Collected: 11/09/11 16:35 Received: 11/09/11 17:25 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	8.07	Std. Units			1		11/09/11 16:35		
Field Temperature	23.10	deg C			1		11/09/11 16:35		
Appearance	Color:	None,			1		11/09/11 16:35		
	Sheen:	None							
Field Specific Conductance	589	umhos/cm			1		11/09/11 16:35		
Oxygen, Dissolved	0.05	mg/L			1		11/09/11 16:35	7782-44-7	
REDOX	-36.0	mV			1		11/09/11 16:35		
Turbidity	5.74	NTU			1		11/09/11 16:35		
Depth to Water	16.30	feet			1		11/09/11 16:35		
Water Level(NGVD)	17.58	feet			1		11/09/11 16:35		
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	11/14/11 09:00	11/14/11 19:21	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/14/11 09:00	11/14/11 19:21	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 21:01	7440-38-2	
Ammonium	18.8	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 21:01	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 21:01	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/12/11 21:01	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 21:01	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 21:01	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 21:01	7440-50-8	
Iron	359	ug/L	40.0	20.0	1	11/10/11 11:41	11/12/11 21:01	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 21:01	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 21:01	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/10/11 11:41	11/12/11 21:01	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/10/11 11:41	11/12/11 21:01	7440-22-4	
Sodium	15.5	mg/L	1.0	0.50	1	11/10/11 11:41	11/12/11 21:01	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/10/11 11:41	11/12/11 21:01	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/10/11 11:41	11/12/11 21:01	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:25	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/10/11 11:41	11/11/11 09:25	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/10/11 01:45	11/11/11 06:58	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: F-MB Lab ID: 3542752017 Collected: 11/09/11 16:35 Received: 11/09/11 17:25 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		11/15/11 22:51	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 22:51	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 22:51	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 22:51	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 22:51	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 22:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 22:51	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 22:51	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 22:51	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 22:51	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 22:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93 %		70-114		1		11/15/11 22:51	460-00-4	
Dibromofluoromethane (S)	105 %		88-117		1		11/15/11 22:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/15/11 22:51	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/15/11 22:51	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: F-MB Lab ID: 3542752017 Collected: 11/09/11 16:35 Received: 11/09/11 17:25 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		11/14/11 10:28		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.12	mg/L	0.050	0.025	1		11/10/11 14:37	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	20.0	mg/L	5.0	2.5	1		11/10/11 14:37	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/10/11 14:37	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.27	mg/L	0.050	0.020	1		11/16/11 08:16	7664-41-7	

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**ANALYTICAL RESULTS
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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: Trip Blank (11/9/11) Lab ID: 3542752018 Collected: 11/09/11 08:00 Received: 11/09/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 22:01	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 22:01	74-87-3	L3
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/15/11 22:01	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 22:01	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 22:01	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 22:01	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 22:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 22:01	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 22:01	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 22:01	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 22:01	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 22:01	75-01-4	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Sample: Trip Blank (11/9/11) Lab ID: 3542752018 Collected: 11/09/11 08:00 Received: 11/09/11 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		11/15/11 22:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92 %		70-114		1		11/15/11 22:01	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 22:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	107 %		86-125		1		11/15/11 22:01	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/15/11 22:01	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: MERP/2253 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 288106 Matrix: Water
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/11/11 05:46	

LABORATORY CONTROL SAMPLE: 288107

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288144 288145

Parameter	Units	3542752002 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	97	97	80-120	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

QC Batch: MPRP/6393 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 288328 Matrix: Water
 Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/12/11 19:15	
Barium	ug/L	5.0U	10.0	11/12/11 19:15	
Beryllium	ug/L	0.50U	1.0	11/12/11 19:15	
Cadmium	ug/L	0.50U	1.0	11/12/11 19:15	
Chromium	ug/L	2.5U	5.0	11/12/11 19:15	
Cobalt	ug/L	5.0U	10.0	11/12/11 19:15	
Copper	ug/L	2.5U	5.0	11/12/11 19:15	CU
Iron	ug/L	20.0U	40.0	11/12/11 19:15	
Lead	ug/L	5.0U	10.0	11/12/11 19:15	
Nickel	ug/L	2.5U	5.0	11/12/11 19:15	
Selenium	ug/L	7.5U	15.0	11/12/11 19:15	
Mercury	ug/L	2.5U	5.0	11/12/11 19:15	
Vanadium	ug/L	5.0U	10.0	11/12/11 19:15	
Zinc	ug/L	10.0U	20.0	11/12/11 19:15	

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LABORATORY CONTROL SAMPLE: 288329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	244	97	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	25.9	103	80-120	
Cadmium	ug/L	25	25.1	100	80-120	
Chromium	ug/L	250	263	105	80-120	
Cobalt	ug/L	250	259	104	80-120	
Copper	ug/L	250	278	111	80-120	
Iron	ug/L	5000	5340	107	80-120	
Lead	ug/L	250	244	98	80-120	
Nickel	ug/L	250	255	102	80-120	
Selenium	ug/L	250	252	101	80-120	
Silver	ug/L	25	25.5	102	80-120	
Sodium	mg/L	25	26.8	107	80-120	
Vanadium	ug/L	250	262	105	80-120	
Zinc	ug/L	1250	1250	100	80-120	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Parameter	3542752005		MS	MSD	288488		288489		% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
Arsenic	ug/L	5.0U	250	250	246	253	98	101	75-125	3	20			
Barium	ug/L	51.0	250	250	296	303	98	101	75-125	2	20			
Beryllium	ug/L	0.50U	25	25	25.6	26.3	101	104	75-125	3	20			
Cadmium	ug/L	0.50U	25	25	25.1	25.9	100	103	75-125	3	20			
Chromium	ug/L	3.8 I	250	250	262	269	103	106	75-125	3	20			
Cobalt	ug/L	5.0U	250	250	260	268	104	107	75-125	3	20			
Copper	ug/L	2.5U	250	250	266	273	106	109	75-125	2	20			
Iron	ug/L	2550	2500	2500	5030	5120	99	103	75-125	2	20			
Lead	ug/L	5.0U	250	250	247	254	99	102	75-125	3	20			
Nickel	ug/L	2.5U	250	250	260	268	104	107	75-125	3	20			
Selenium	ug/L	7.5U	250	250	106	124	42	49	75-125	15	20	J(M1)		
Silver	ug/L	2.5U	25	25	24.4	25.3	96	99	75-125	3	20			
Sodium	mg/L	6.6	12.5	12.5	18.9	19.4	98	103	75-125	3	20			
Vanadium	ug/L	16.0	250	250	273	280	103	105	75-125	2	20			
Zinc	ug/L	10.0U	1250	1250	1260	1290	100	103	75-125	3	20			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: MPRP/6394 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 288332 Matrix: Water
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/11/11 08:03	
Thallium	ug/L	0.50U	1.0	11/11/11 08:03	

LABORATORY CONTROL SAMPLE: 288333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	46.8	94	90-110	
Thallium	ug/L	50	48.2	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288334 288335

Parameter	Units	3542752004		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Spike Conc.							
Antimony	ug/L	0.50U	50	51.3	52.1	103	104	70-130	2	20
Thallium	ug/L	0.50U	50	49.0	49.3	98	99	70-130	6	20

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

QC Batch: MSV/4134 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013

METHOD BLANK: 291142 Matrix: Water

Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/15/11 19:41	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/15/11 19:41	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/15/11 19:41	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/15/11 19:41	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/15/11 19:41	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/15/11 19:41	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/15/11 19:41	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/15/11 19:41	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/15/11 19:41	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 19:41	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/15/11 19:41	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 19:41	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 19:41	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/15/11 19:41	
2-Hexanone	ug/L	5.0U	10.0	11/15/11 19:41	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/15/11 19:41	
Acetone	ug/L	5.0U	10.0	11/15/11 19:41	
Acrylonitrile	ug/L	5.0U	10.0	11/15/11 19:41	
Benzene	ug/L	0.50U	1.0	11/15/11 19:41	
Bromochloromethane	ug/L	0.50U	1.0	11/15/11 19:41	
Bromodichloromethane	ug/L	0.27U	0.60	11/15/11 19:41	
Bromoform	ug/L	0.50U	1.0	11/15/11 19:41	
Bromomethane	ug/L	0.50U	1.0	11/15/11 19:41	
Carbon disulfide	ug/L	5.0U	10.0	11/15/11 19:41	
Carbon tetrachloride	ug/L	0.50U	1.0	11/15/11 19:41	
Chlorobenzene	ug/L	0.50U	1.0	11/15/11 19:41	
Chloroethane	ug/L	0.50U	1.0	11/15/11 19:41	
Chloroform	ug/L	0.50U	1.0	11/15/11 19:41	
Chloromethane	ug/L	0.62U	1.0	11/15/11 19:41	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 19:41	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 19:41	
Dibromochloromethane	ug/L	0.26U	0.50	11/15/11 19:41	
Dibromomethane	ug/L	0.50U	1.0	11/15/11 19:41	
Ethylbenzene	ug/L	0.50U	1.0	11/15/11 19:41	
Iodomethane	ug/L	0.50U	1.0	11/15/11 19:41	
Methylene Chloride	ug/L	2.5U	5.0	11/15/11 19:41	
Styrene	ug/L	0.50U	1.0	11/15/11 19:41	
Tetrachloroethene	ug/L	0.50U	1.0	11/15/11 19:41	
Toluene	ug/L	0.50U	1.0	11/15/11 19:41	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 19:41	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 19:41	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

METHOD BLANK: 291142

Matrix: Water

Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/15/11 19:41	
Trichloroethene	ug/L	0.50U	1.0	11/15/11 19:41	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/15/11 19:41	
Vinyl acetate	ug/L	1.0U	2.0	11/15/11 19:41	
Vinyl chloride	ug/L	0.50U	1.0	11/15/11 19:41	
Xylene (Total)	ug/L	0.50U	1.0	11/15/11 19:41	
1,2-Dichloroethane-d4 (S)	%	99	86-125	11/15/11 19:41	
4-Bromofluorobenzene (S)	%	100	70-114	11/15/11 19:41	
Dibromofluoromethane (S)	%	99	88-117	11/15/11 19:41	
Toluene-d8 (S)	%	100	87-113	11/15/11 19:41	

LABORATORY CONTROL SAMPLE: 291143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.3	107	70-130	
1,1,1-Trichloroethane	ug/L	20	22.2	111	70-130	
1,1,2-Tetrachloroethane	ug/L	20	21.1	106	70-130	
1,1,2-Trichloroethane	ug/L	20	21.3	106	70-130	
1,1-Dichloroethane	ug/L	20	21.8	109	70-130	
1,1-Dichloroethene	ug/L	20	21.7	108	70-130	
1,2,3-Trichloropropane	ug/L	20	18.7	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	21.8	109	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.0	100	70-130	
1,2-Dichlorobenzene	ug/L	20	21.8	109	70-130	
1,2-Dichloroethane	ug/L	20	22.5	112	70-130	
1,2-Dichloropropane	ug/L	20	21.7	109	70-130	
1,4-Dichlorobenzene	ug/L	20	21.0	105	70-130	
2-Butanone (MEK)	ug/L	20	19.1	95	55-167	
2-Hexanone	ug/L	20	21.4	107	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.3	102	70-130	
Acetone	ug/L	20	19.0	95	40-150	
Acrylonitrile	ug/L	200	209	104	70-130	
Benzene	ug/L	20	22.6	113	70-130	
Bromochloromethane	ug/L	20	22.7	113	70-130	
Bromodichloromethane	ug/L	20	20.7	103	70-130	
Bromoform	ug/L	20	21.7	109	68-130	
Bromomethane	ug/L	20	22.1	110	38-179	
Carbon disulfide	ug/L	20	17.4	87	51-155	
Carbon tetrachloride	ug/L	20	22.4	112	70-130	
Chlorobenzene	ug/L	20	21.7	109	70-130	
Chloroethane	ug/L	20	23.4	117	59-149	
Chloroform	ug/L	20	20.8	104	70-130	
Chloromethane	ug/L	20	21.3	106	68-130	
cis-1,2-Dichloroethene	ug/L	20	20.5	103	70-130	

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QUALITY CONTROL DATA

DEP Central District

Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

LABORATORY CONTROL SAMPLE: 291143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	21.3	106	70-130	
Dibromochloromethane	ug/L	20	20.8	104	70-130	
Dibromomethane	ug/L	20	22.6	113	70-130	
Ethylbenzene	ug/L	20	21.8	109	70-130	
Iodomethane	ug/L	20	21.8	109	43-160	
Methylene Chloride	ug/L	20	21.8	109	70-130	
Styrene	ug/L	20	21.2	106	70-130	
Tetrachloroethene	ug/L	20	21.9	109	66-133	
Toluene	ug/L	20	21.6	108	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	101	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.8	104	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.2	106	65-130	
Trichloroethene	ug/L	20	22.2	111	70-130	
Trichlorofluoromethane	ug/L	20	22.5	112	70-131	
Vinyl acetate	ug/L	20	18.4	92	69-135	
Vinyl chloride	ug/L	20	22.2	111	69-140	
Xylene (Total)	ug/L	60	65.8	110	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			102	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			102	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291238 291239

Parameter	Units	3542752002		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
		Result	Conc.	Spike Conc.	Spike Conc.						RPD	RPD
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20	26.9	24.3	135	121	39-130	10	40 J(M1)
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20	28.4	25.8	142	129	47-141	9	40 J(M1)
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20	26.4	23.0	132	115	49-131	14	40 J(M1)
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20	26.4	23.1	132	116	50-130	13	40 J(M1)
1,1-Dichloroethane	ug/L	0.50U	20	20	20	27.4	24.7	137	124	54-137	10	40
1,1-Dichloroethene	ug/L	0.50U	20	20	20	28.1	25.5	141	127	45-155	10	40
1,2,3-Trichloropropane	ug/L	0.36U	20	20	20	24.6	22.1	123	111	31-132	11	40
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	20	27.3	22.5	136	112	37-130	19	40 J(M1)
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20	25.5	22.6	128	113	51-132	12	40
1,2-Dichlorobenzene	ug/L	0.50U	20	20	20	26.6	24.1	133	120	43-130	10	40 J(M1)
1,2-Dichloroethane	ug/L	0.50U	20	20	20	28.0	24.7	140	123	54-130	13	40 J(M1)
1,2-Dichloropropane	ug/L	0.50U	20	20	20	27.1	23.0	136	115	53-130	17	40 J(M1)
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20	25.2	23.2	126	116	38-130	8	40
2-Butanone (MEK)	ug/L	5.0U	20	20	20	17.7	21.5	89	108	48-138	20	40
2-Hexanone	ug/L	5.0U	20	20	20	21.1	22.0	106	110	38-130	4	40
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20	21.0	22.1	105	110	28-143	5	40
Acetone	ug/L	5.0U	20	20	20	19.5	20.2	87	91	20-140	4	40
Acrylonitrile	ug/L	5.0U	200	200	200	198	217	99	108	46-130	9	40
Benzene	ug/L	0.50U	20	20	20	27.7	25.1	136	123	53-132	10	40 J(M1)
Bromochloromethane	ug/L	0.50U	20	20	20	27.7	24.9	139	124	54-132	11	40 J(M1)
Bromodichloromethane	ug/L	0.27U	20	20	20	25.5	23.5	128	117	46-130	8	40

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Parameter	Units	3542752002		MS		MSD		MS		MSD		% Rec	Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Conc.	% Rec	% Rec						
Bromoform	ug/L	0.50U	20	20	27.1	24.0	136	120	32-130	12	40	J(M1)			
Bromomethane	ug/L	0.50U	20	20	24.5	22.8	123	114	20-152	7	40				
Carbon disulfide	ug/L	5.0U	20	20	17.8	20.2	87	99	28-184	13	40				
Carbon tetrachloride	ug/L	0.50U	20	20	29.1	25.9	146	129	37-137	12	40	J(M1)			
Chlorobenzene	ug/L	0.50U	20	20	27.1	24.6	136	123	46-130	10	40	J(M1)			
Chloroethane	ug/L	0.50U	20	20	26.0	25.5	130	128	48-159	2	40				
Chloroform	ug/L	0.50U	20	20	25.8	24.2	129	121	51-130	6	40				
Chloromethane	ug/L	0.62U	20	20	25.1	23.3	125	117	39-144	7	40				
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	25.5	22.8	128	114	54-130	11	40				
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	24.4	21.8	122	109	45-130	11	40				
Dibromochloromethane	ug/L	0.26U	20	20	26.4	22.8	132	114	43-130	14	40	J(M1)			
Dibromomethane	ug/L	0.50U	20	20	27.7	24.6	139	123	50-130	12	40	J(M1)			
Ethylbenzene	ug/L	0.50U	20	20	26.9	24.6	133	122	43-130	9	40	J(M1)			
Iodomethane	ug/L	0.50U	20	20	20.5	22.6	102	113	20-169	10	40				
Methylene Chloride	ug/L	2.5U	20	20	26.7	23.9	132	118	51-135	11	40				
Styrene	ug/L	0.50U	20	20	25.7	23.5	128	118	40-130	9	40				
Tetrachloroethene	ug/L	0.50U	20	20	26.9	25.3	135	126	26-130	6	40	J(M1)			
Toluene	ug/L	0.55 U	20	20	27.0	24.6	133	120	50-130	9	40	J(M1)			
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	26.0	23.4	130	117	48-142	10	40				
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	24.9	22.3	125	112	45-130	11	40				
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	18.2	20.4	91	102	20-139	11	40				
Trichloroethene	ug/L	0.50U	20	20	27.4	24.7	137	124	42-133	10	40	J(M1)			
Trichlorofluoromethane	ug/L	0.50U	20	20	26.9	24.9	135	124	46-146	8	40				
Vinyl acetate	ug/L	1.0U	20	20	16.4	18.6	82	93	20-165	13	40				
Vinyl chloride	ug/L	0.50U	20	20	25.7	24.3	129	121	57-142	6	40				
Xylene (Total)	ug/L	1.4	60	60	82.2	73.8	135	121	42-130	11	40	ES			
1,2-Dichloroethane-d4 (S)	%						99	95	86-125						
4-Bromofluorobenzene (S)	%						104	103	70-114						
Dibromofluoromethane (S)	%						99	102	88-117						
Toluene-d8 (S)	%						101	101	87-113						

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: MSV/4135 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3542752014, 3542752015, 3542752016, 3542752017, 3542752018

METHOD BLANK: 291145 Matrix: Water
Associated Lab Samples: 3542752014, 3542752015, 3542752016, 3542752017, 3542752018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/15/11 20:47	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/15/11 20:47	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/15/11 20:47	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 20:47	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/15/11 20:47	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/15/11 20:47	
2-Hexanone	ug/L	5.0U	10.0	11/15/11 20:47	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/15/11 20:47	
Acetone	ug/L	5.0U	10.0	11/15/11 20:47	
Acrylonitrile	ug/L	5.0U	10.0	11/15/11 20:47	
Benzene	ug/L	0.50U	1.0	11/15/11 20:47	
Bromochloromethane	ug/L	0.50U	1.0	11/15/11 20:47	
Bromodichloromethane	ug/L	0.27U	0.60	11/15/11 20:47	
Bromoform	ug/L	0.50U	1.0	11/15/11 20:47	
Bromomethane	ug/L	0.50U	1.0	11/15/11 20:47	
Carbon disulfide	ug/L	5.0U	10.0	11/15/11 20:47	
Carbon tetrachloride	ug/L	0.50U	1.0	11/15/11 20:47	
Chlorobenzene	ug/L	0.50U	1.0	11/15/11 20:47	
Chloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
Chloroform	ug/L	0.50U	1.0	11/15/11 20:47	
Chloromethane	ug/L	0.62U	1.0	11/15/11 20:47	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 20:47	
Dibromochloromethane	ug/L	0.26U	0.50	11/15/11 20:47	
Dibromomethane	ug/L	0.50U	1.0	11/15/11 20:47	
Ethylbenzene	ug/L	0.50U	1.0	11/15/11 20:47	
Iodomethane	ug/L	0.50U	1.0	11/15/11 20:47	
Methylene Chloride	ug/L	2.5U	5.0	11/15/11 20:47	
Styrene	ug/L	0.50U	1.0	11/15/11 20:47	
Tetrachloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
Toluene	ug/L	0.50U	1.0	11/15/11 20:47	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 20:47	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/15/11 20:47	
Trichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF

Pace Project No.: 3542752

METHOD BLANK: 291145

Matrix: Water

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Associated Lab Samples: 3542752014, 3542752015, 3542752016, 3542752017, 3542752018

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DEP Central District

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	11/15/11 20:47	
Vinyl acetate	ug/L	1.0U	2.0	11/15/11 20:47	
Vinyl chloride	ug/L	0.50U	1.0	11/15/11 20:47	
Xylene (Total)	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichloroethane-d4 (S)	%	107	86-125	11/15/11 20:47	
4-Bromofluorobenzene (S)	%	91	70-114	11/15/11 20:47	
Dibromofluoromethane (S)	%	105	88-117	11/15/11 20:47	
Toluene-d8 (S)	%	100	87-113	11/15/11 20:47	

LABORATORY CONTROL SAMPLE: 291146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.4	97	70-130	
1,1,1-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.9	114	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	22.9	114	70-130	
1,2-Dichloroethane	ug/L	20	22.3	112	70-130	
1,1,2-Trichloropropane	ug/L	20	16.7	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	21.8	109	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.0	100	70-130	
1,2-Dichlorobenzene	ug/L	20	20.1	101	70-130	
1,2-Dichloroethane	ug/L	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,4-Dichlorobenzene	ug/L	20	19.9	99	70-130	
2-Butanone (MEK)	ug/L	20	26.8	134	55-167	
2-Hexanone	ug/L	20	23.1	115	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	22.9	115	70-130	
Acetone	ug/L	20	24.6	123	40-150	
Acrylonitrile	ug/L	200	253	126	70-130	
Benzene	ug/L	20	20.8	104	70-130	
Bromochloromethane	ug/L	20	21.3	106	70-130	
Bromodichloromethane	ug/L	20	20.7	103	70-130	
Bromoform	ug/L	20	17.5	88	68-130	
Bromomethane	ug/L	20	29.2	146	38-179	
Carbon disulfide	ug/L	20	16.2	81	51-155	
Carbon tetrachloride	ug/L	20	20.2	101	70-130	
Chlorobenzene	ug/L	20	19.4	97	70-130	
Chloroethane	ug/L	20	25.2	126	59-149	
Chloroform	ug/L	20	19.4	97	70-130	
Chloromethane	ug/L	20	27.7	138	68-130 J(L0)	
cis-1,2-Dichloroethene	ug/L	20	19.7	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
Dibromochloromethane	ug/L	20	17.7	88	70-130	
Dibromomethane	ug/L	20	19.4	97	70-130	

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QUALITY CONTROL DATA DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

LABORATORY CONTROL SAMPLE: 291146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.9	100	70-130	
Iodomethane	ug/L	20	20.8	104	43-160	
Methylene Chloride	ug/L	20	23.1	115	70-130	
Styrene	ug/L	20	19.8	99	70-130	
Tetrachloroethene	ug/L	20	18.5	92	66-133	
Toluene	ug/L	20	19.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.3	107	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.5	93	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.0	85	65-130	
Trichloroethene	ug/L	20	21.3	107	70-130	
Trichlorofluoromethane	ug/L	20	20.3	102	70-131	
Vinyl acetate	ug/L	20	19.6	98	69-135	
Vinyl chloride	ug/L	20	23.3	116	69-140	
Xylene (Total)	ug/L	60	59.3	99	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			92	70-114	
Dibromofluoromethane (S)	%			102	88-117	
Toluene-d8 (S)	%			103	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291250 291251

Parameter	Units	3542752014		MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Conc.	Result	Result	% Rec	% Rec				
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20	18.5	20.1	92	100	39-130	8	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20	19.4	21.9	97	109	47-141	12	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20	22.1	23.6	110	118	49-131	7	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20	20.8	22.5	104	113	50-130	8	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	20	22.8	25.1	114	125	54-137	10	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	20	22.0	23.9	110	120	45-155	8	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	20	16.2	17.2	81	86	31-132	6	40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	20	20.6	11.7	103	59	37-130	55	40	J(D6)
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20	18.3	21.1	91	105	51-132	14	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	20	19.1	21.2	96	106	43-130	10	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	20	19.8	21.5	99	108	54-130	8	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	20	21.0	23.3	105	116	53-130	10	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20	18.9	21.0	95	105	38-130	10	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	20	26.8	24.0	134	120	48-138	11	40	
2-Hexanone	ug/L	5.0U	20	20	20	27.5	24.2	137	121	38-130	13	40	J(M1)
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20	26.6	24.5	133	122	28-143	8	40	
Acetone	ug/L	5.0U	20	20	20	25.5	22.9	127	114	20-140	11	40	
Acrylonitrile	ug/L	5.0U	200	200	200	267	259	134	129	46-130	3	40	J(M1)
Benzene	ug/L	0.50U	20	20	20	20.5	22.9	102	115	53-132	11	40	
Bromochloromethane	ug/L	0.50U	20	20	20	19.4	21.5	97	108	54-132	10	40	
Bromodichloromethane	ug/L	0.27U	20	20	20	19.0	21.7	95	108	46-130	13	40	
Bromoform	ug/L	0.50U	20	20	20	15.9	17.1	80	86	32-130	7	40	
Bromomethane	ug/L	0.50U	20	20	20	20.0	23.4	100	117	20-152	15	40	
Carbon disulfide	ug/L	5.0U	20	20	20	21.5	21.5	106	106	28-184	0.007	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Parameter	Units	3542752014		291250		291251		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Carbon tetrachloride	ug/L	0.50U	20	20	19.7	22.0	99	110	37-137	11	40		
Chlorobenzene	ug/L	0.50U	20	20	19.6	21.0	98	105	46-130	7	40		
Chloroethane	ug/L	0.50U	20	20	24.7	31.9	123	160	48-159	25	40	J(M1)	
Chloroform	ug/L	0.50U	20	20	20.4	21.9	102	110	51-130	7	40		
Chloromethane	ug/L	0.62U	20	20	27.8	31.9	139	160	39-144	14	40	J(M0)	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.1	21.5	95	108	54-130	12	40		
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	16.1	18.4	81	92	45-130	13	40		
Dibromochloromethane	ug/L	0.26U	20	20	16.8	18.3	84	92	43-130	9	40		
Dibromomethane	ug/L	0.50U	20	20	17.6	20.4	88	102	50-130	15	40		
Ethylbenzene	ug/L	0.50U	20	20	19.9	21.9	99	109	43-130	10	40		
Iodomethane	ug/L	0.50U	20	20	16.6	17.9	83	90	20-169	8	40		
Methylene Chloride	ug/L	2.5U	20	20	21.7	25.2	108	125	51-135	15	40		
Styrene	ug/L	0.50U	20	20	18.6	20.3	93	102	40-130	9	40		
Tetrachloroethene	ug/L	0.50U	20	20	17.5	18.5	88	92	26-130	5	40		
Toluene	ug/L	0.50U	20	20	19.4	20.9	97	105	50-130	7	40		
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.0	23.7	110	118	48-142	7	40		
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	16.9	17.9	85	89	45-130	5	40		
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	12.5	12.6	63	63	20-139	5	40		
Trichloroethene	ug/L	0.50U	20	20	20.7	22.4	103	112	42-133	8	40		
Chlorofluoromethane	ug/L	0.50U	20	20	20.9	21.1	104	105	46-146	1	40		
Vinyl acetate	ug/L	1.0U	20	20	21.8	11.4	109	57	20-165	63	40	J(D6)	
Vinyl chloride	ug/L	0.50U	20	20	24.5	26.8	122	134	57-142	9	40		
Xylene (Total)	ug/L	0.50U	60	60	58.3	62.8	97	105	42-130	7	40		
1,2-Dichloroethane-d4 (S)	%						95	93	86-125				
4-Bromofluorobenzene (S)	%						93	92	70-114				
Dibromofluoromethane (S)	%						99	100	88-117				
Toluene-d8 (S)	%						101	101	87-113				

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: OEXT/6379 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010

METHOD BLANK: 287948 Matrix: Water
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/10/11 14:25	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/10/11 14:25	

LABORATORY CONTROL SAMPLE: 287949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	107	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288472 288473

Parameter	Units	3542615002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0052 U	.44	.44	0.48	0.49	111	112	60-140	1	40	
1,2-Dibromoethane (EDB)	ug/L	0.0065 U	.44	.44	0.50	0.49	115	111	60-140	3	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: OEXT/6418 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 289844 Matrix: Water
Associated Lab Samples: 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/14/11 14:25	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/14/11 14:25	

LABORATORY CONTROL SAMPLE: 289845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	106	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289846 289847

Parameter	Units	3542657001		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.									
1,2-Dibromo-3-chloropropane	ug/L	0.0049	.44	.44	0.50	0.49	114	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0062	.44	.44	0.51	0.47	117	108	60-140	7	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: WET/10888 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010

METHOD BLANK: 289259 Matrix: Water
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/11/11 12:25	

LABORATORY CONTROL SAMPLE: 289260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	290	97	90-110	

SAMPLE DUPLICATE: 289261

Parameter	Units	3542692001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	406	393	3	20	

SAMPLE DUPLICATE: 289262

Parameter	Units	3542752002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	304	308	1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: WET/10907 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 290300 Matrix: Water
Associated Lab Samples: 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/14/11 10:25	

LABORATORY CONTROL SAMPLE: 290301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	289	96	90-110	

SAMPLE DUPLICATE: 290302

Parameter	Units	3542752011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	379	374	1	20	

SAMPLE DUPLICATE: 290303

Parameter	Units	3542772001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	263	254	3	20	

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: WETA/13287 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 288511 Matrix: Water
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/10/11 09:45	

LABORATORY CONTROL SAMPLE: 288512

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.8	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288513 288514

Parameter	Units	3542752001		288513		288514		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS Result	MSD Result						
Nitrate as N	mg/L	0.025U	5	5	4.8	4.8	96	96	90-110	.1	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288515 288516

Parameter	Units	3542752002		288515		288516		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS Result	MSD Result						
Nitrate as N	mg/L	0.025U	5	5	4.8	4.8	96	96	90-110	.07	20		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542752

QC Batch: WETA/13288 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
 Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 288526 Matrix: Water

Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/10/11 09:45	
Sulfate	mg/L	2.5U	5.0	11/10/11 09:45	

LABORATORY CONTROL SAMPLE: 288527

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.4	97	90-110	
Sulfate	mg/L	50	46.9	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288528 288529

Parameter	Units	3542752001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.							
Chloride	mg/L	2.5U	50	50	48.4	48.4	96	97	90-110	.04	20
Sulfate	mg/L	2.5U	50	50	46.9	46.9	94	94	90-110	.009	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 288530 288531

Parameter	Units	3542752002 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	Spike Conc.							
Chloride	mg/L	57.5	50	50	92.8	92.7	71	71	90-110	.09	20 J(M1)
Sulfate	mg/L	2.7	50	50	46.7	46.8	88	88	90-110	.1	20 J(M1)

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

QC Batch: WETA/13393 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

METHOD BLANK: 291886 Matrix: Water
Associated Lab Samples: 3542752001, 3542752002, 3542752003, 3542752004, 3542752005, 3542752006, 3542752007, 3542752008, 3542752009, 3542752010, 3542752011, 3542752012, 3542752013, 3542752014, 3542752015, 3542752016, 3542752017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/16/11 07:53	

LABORATORY CONTROL SAMPLE: 291886

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

MATRIX SPIKE SAMPLE: 291888

Parameter	Units	3542752001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	0.99	99	90-110	

SAMPLE DUPLICATE: 291887

Parameter	Units	3542752001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		20	

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QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

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.

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.

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.
- CU The continuing calibration for this compound is outside of Pace Analytical acceptance limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- ES The reported result is estimated because one or more of the constituent results are qualified as such.
- J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- J(M0) Estimated Value. Matrix spike recovery was outside laboratory control limits.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- 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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542752002	B60		FLD/		
3542752003	B60 DUP		FLD/		
3542752004	B68		FLD/		
3542752005	B11		FLD/		
3542752006	B8		FLD/		
3542752007	B8-2		FLD/		
3542752008	B33-2		FLD/		
3542752009	B2		FLD/		
3542752010	B63-1		FLD/		
3542752011	B33-1		FLD/		
3542752012	B63-2		FLD/		
3542752013	B32		FLD/		
3542752014	B35-1		FLD/		
3542752015	B5		FLD/		
3542752016	B35-2		FLD/		
3542752017	F-MB		FLD/		
3542752001	Equipment Blank (11/9/11)	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752002	B60	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752003	B60 DUP	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752004	B68	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752005	B11	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752006	B8	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752007	B8-2	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752008	B33-2	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752009	B2	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752010	B63-1	EPA 8011	OEXT/6379	EPA 8011	GCSVI/4672
3542752011	B33-1	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752012	B63-2	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752013	B32	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752014	B35-1	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752015	B5	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752016	B35-2	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752017	F-MB	EPA 8011	OEXT/6418	EPA 8011	GCSVI/4684
3542752001	Equipment Blank (11/9/11)	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752002	B60	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752003	B60 DUP	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752004	B68	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752005	B11	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752006	B8	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752007	B8-2	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752008	B33-2	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752009	B2	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752010	B63-1	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752011	B33-1	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752012	B63-2	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752013	B32	EPA 3010	MPRP/6393	EPA 6010	ICP/4417
3542752014	B35-1	EPA 3010	MPRP/6393	EPA 6010	ICP/4417

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542752011	B33-1	EPA 8260	MSV/4134		
3542752012	B63-2	EPA 8260	MSV/4134		
3542752013	B32	EPA 8260	MSV/4134		
3542752014	B35-1	EPA 8260	MSV/4135		
3542752015	B5	EPA 8260	MSV/4135		
3542752016	B35-2	EPA 8260	MSV/4135		
3542752017	F-MB	EPA 8260	MSV/4135		
3542752018	Trip Blank (11/9/11)	EPA 8260	MSV/4135		
3542752001	Equipment Blank (11/9/11)	SM 2540C	WET/10888		
3542752002	B60	SM 2540C	WET/10888		
3542752003	B60 DUP	SM 2540C	WET/10888		
3542752004	B68	SM 2540C	WET/10888		
3542752005	B11	SM 2540C	WET/10888		
3542752006	B8	SM 2540C	WET/10888		
3542752007	B8-2	SM 2540C	WET/10888		
3542752008	B33-2	SM 2540C	WET/10888		
3542752009	B2	SM 2540C	WET/10888		
3542752010	B63-1	SM 2540C	WET/10888		
3542752011	B33-1	SM 2540C	WET/10907		
3542752012	B63-2	SM 2540C	WET/10907		
3542752013	B32	SM 2540C	WET/10907		
3542752014	B35-1	SM 2540C	WET/10907		
3542752015	B5	SM 2540C	WET/10907		
3542752016	B35-2	SM 2540C	WET/10907		
3542752017	F-MB	SM 2540C	WET/10907		
3542752001	Equipment Blank (11/9/11)	EPA 300.0	WETA/13287		
3542752002	B60	EPA 300.0	WETA/13287		
3542752003	B60 DUP	EPA 300.0	WETA/13287		
3542752004	B68	EPA 300.0	WETA/13287		
3542752005	B11	EPA 300.0	WETA/13287		
3542752006	B8	EPA 300.0	WETA/13287		
3542752007	B8-2	EPA 300.0	WETA/13287		
3542752008	B33-2	EPA 300.0	WETA/13287		
3542752009	B2	EPA 300.0	WETA/13287		
3542752010	B63-1	EPA 300.0	WETA/13287		
3542752011	B33-1	EPA 300.0	WETA/13287		
3542752012	B63-2	EPA 300.0	WETA/13287		
3542752013	B32	EPA 300.0	WETA/13287		
3542752014	B35-1	EPA 300.0	WETA/13287		
3542752015	B5	EPA 300.0	WETA/13287		
3542752016	B35-2	EPA 300.0	WETA/13287		
3542752017	F-MB	EPA 300.0	WETA/13287		
3542752001	Equipment Blank (11/9/11)	EPA 300.0	WETA/13288		
3542752002	B60	EPA 300.0	WETA/13288		
3542752003	B60 DUP	EPA 300.0	WETA/13288		
3542752004	B68	EPA 300.0	WETA/13288		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542752

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542752005	B11	EPA 300.0	WETA/13288		
3542752006	B8	EPA 300.0	WETA/13288		
3542752007	B8-2	EPA 300.0	WETA/13288		
3542752008	B33-2	EPA 300.0	WETA/13288		
3542752009	B2	EPA 300.0	WETA/13288		
3542752010	B63-1	EPA 300.0	WETA/13288		
3542752011	B33-1	EPA 300.0	WETA/13288		
3542752012	B63-2	EPA 300.0	WETA/13288		
3542752013	B32	EPA 300.0	WETA/13288		
3542752014	B35-1	EPA 300.0	WETA/13288		
3542752015	B5	EPA 300.0	WETA/13288		
3542752016	B35-2	EPA 300.0	WETA/13288		
3542752017	F-MB	EPA 300.0	WETA/13288		
3542752001	Equipment Blank (11/9/11)	EPA 350.1	WETA/13393		
3542752002	B60	EPA 350.1	WETA/13393		
3542752003	B60 DUP	EPA 350.1	WETA/13393		
3542752004	B68	EPA 350.1	WETA/13393		
3542752005	B11	EPA 350.1	WETA/13393		
3542752006	B8	EPA 350.1	WETA/13393		
3542752007	B8-2	EPA 350.1	WETA/13393		
3542752008	B33-2	EPA 350.1	WETA/13393		
3542752009	B2	EPA 350.1	WETA/13393		
3542752010	B63-1	EPA 350.1	WETA/13393		
3542752011	B33-1	EPA 350.1	WETA/13393		
3542752012	B63-2	EPA 350.1	WETA/13393		
3542752013	B32	EPA 350.1	WETA/13393		
3542752014	B35-1	EPA 350.1	WETA/13393		
3542752015	B5	EPA 350.1	WETA/13393		
3542752016	B35-2	EPA 350.1	WETA/13393		
3542752017	F-MB	EPA 350.1	WETA/13393		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a legal document. All relevant fields must be completed accurately.

350752

Page: 1 of 2
 1425257
 REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER
 Site Location: FL
 STATE: FL

Section A
 Required Client Information:
 Company: VOLUNIA COUNTY
 Address: 1990 TAMARA FARMS RD
 Email To: DAVIDA BUCHHEIT, FL 32124
 Phone: _____ Fax: _____
 Requested Due Date/TAT: _____

Section B
 Required Project Information:
 Report To: JANUARY SILVER
 Copy To: _____
 Purchase Order No.: _____
 Project Name: LEWISVILLE SEMI-ANNUAL
 Project Number: _____

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

ITEM #	Section D Required Client Information	Matrix Codes MATRIX CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS		Preservatives	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB			DATE	TIME				
1	EQ	DW	11/19/11	0940	G	6206	8	3	1	1		
2	B-60	WT		0958								
3	DUP	WW		0958								
4	B-62	P		1018								
5	B-11	SL		1057								
6	B-8-1	OL		1100								
7	B-8-2	WP		1147								
8	B-83-2	WP		1219								
9	B-2	AR		1230								
10	B-63-1	TS		1317								
11	B-83-1	OT		1322								
12	B-63-2	Other	11/19/11	1345	G	6206	8	3	1	1		

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ORIGINAL

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: JAMES STEWART / ROSE HUBB
 SIGNATURE of SAMPLER: _____
 DATE Signed (MM/DD/YY): _____

RECEIVED BY / AFFILIATION
 DATE: 11/19/11 TIME: 14:50
 ACCEPTED BY / AFFILIATION: _____ DATE: 11/19/11 TIME: 16:30

ADDITIONAL COMMENTS
11/19/11

Temp in °C
1.2

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)



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CHAIN-OF-CUSTODY / Analytical Request Document

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

35 42752
Page: 2 of 2

Section A
Required Client Information:
Company: VOLUSIA COUNTY
Address: 1910 TOMOKA FARMS RD
DAYTONA BEACH, FL 32117
Email To: _____
Phone: _____ Fax: _____
Project Name: TOMOKA LE SEMI-ANNUAL
Project Number: _____

Section B
Requested Due Date/TAT: _____

Section C
Invoice Information:
Attention: _____
Company Name: _____
Address: _____
Purchase Order No.: _____
REGULATORY AGENCY:
 NPDES GROUND WATER DRINKING WATER
 UST RCRA
Site Location STATE: FL

Face Quote Reference: _____
Face Project Manager: _____
Face Profile #: _____

ITEM #	Section D Required Client Information	Matrix Codes MATRIX CODE Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	COLLECTED		SAMPLE TYPE (G-RAB O-COMP)	MATRIX CODE (see valid codes to left)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other	Analysis Test ↑ Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Face Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/DURAS									
1	B-32		11/9/11	1405	6	6026		8	3	1	1		
2	B-35-1		11/9/11	1449	1			1	1	1	1		
3	B-5-B		11/9/11	1454	1			1	1	1	1		
4	B-35-2		11/9/11	1521	1			1	1	1	1		
5	FMB		11/9/11		6	6026		8	3	1	1		
6	TRIP BRACKS							2					

Section E
Relinquished By / Affiliation: _____ DATE: 11/9/11 TIME: 1630
Accepted By / Affiliation: _____ DATE: 11/9/11 TIME: 1620

Section F
Additional Comments: _____

Section G
Temp in °C: _____

Section H
Received on: _____
Custody: _____
Sealed Cooler: _____
Samples Intact (Y/N): _____

Section I
SAMPLER NAME AND SIGNATURE: _____
PRINT Name of SAMPLER: JAMES STICKELBERGER / JAMES HUBBARD
DATE Signed (MM/DD/YYYY): _____
SIGNATURE of SAMPLER: _____

773

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B68	Sample ID: 3542752
Date: 11/9/11	

PURGING DATA YSI: 2606/2697

Tubing Diameter: 2"	Well Screen Interval Depth: 3/8"	Feet to Water: 6.92	Static Depth to Water: 6.92	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(35.74 - 6.92) \times 0.16 \text{ Gallons/foot} = 4.112 \text{ Gallons}$				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
= Gallons				

Initial Pump or Tubing Depth in Well (Feet): 11	Final Pump or Tubing Depth in Well: 11	Purging Initiated At: 0950	Purging Ended At: 1017	Total Volume Purged (Gallons): 7.25
--	---	-----------------------------------	-------------------------------	--

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or <u>ns/cm</u>)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1007	4.75	4.75	.25	10.38	5.83	24.30	652	0.25	0.58	none	none	23.2
1012	1.25	6.00	1	10.38	5.40	24.27	650	0.24	0.55	1	1	21.6
1017	1.25	7.25	1	10.38	5.81	24.30	657	0.24	0.60	1	1	20.4

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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.018

SAMPLING DATA

Sampled By (Print): James Stockbridge				Sampler(s) Signature: <i>[Signature]</i>				Sampling Initiated At: 1015		Sampling Ended At: 1027	
Pump or Tubing Depth in Well (Feet): 11		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Filter Size: _____ µm			

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **68**
 Rain: [Yes] No
 Wind Speed: **5**
 Wind Direction:

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input checked="" type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/> 1/4 Hour
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]		<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1025 Bottles Preserved <2pH		

Field Notes:

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B-11	Sample ID: 3542752
Date: 11/8/11	

PURGING DATA

YSI 26062697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 4.62	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(16.80 - 4.62) \times 0.16$ Gallons/foot = 1.9488 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 10	Final Pump or Tubing Depth in Well: 10	Purging Initiated At: 1034	Purging Ended At: 1050	Total Volume Purged (Gallons): 4.0

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or mS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1042	2.0	2.0	25	5.75	6.92	25.83	170	0.30	2.10	ND	ND	52.0
1044	50	2.5		5.80	6.95	25.67	182	0.26	1.32			45.3
1046	50	3.0			6.94	25.73	178	0.23	1.13			39.1
1048		3.5			6.92	25.52	185	0.19	1.27			40.0
1050		4.0			6.91	25.88	182	0.17	1.71			38.2

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

SAMPLING DATA

Sampled By (Print): Roger Higdon		Sampler(s) Signatures: <i>R. Higdon</i>		Sampling Initiated At: 1051	Sampling Ended At: 1103			
Pump or Tubing Depth in Well (Feet): 10	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: (Yes/No) <input checked="" type="checkbox"/> Yes	Field Filtered: (Yes/No) <input checked="" type="checkbox"/> No	Duplicate: (Yes/No) <input checked="" type="checkbox"/> No			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **89**
 Rain: [Yes] [No] No
 Wind Speed: **5-10**
 Wind Direction: **SE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ 1104	Bottles Preserved <2pH

Field Notes:

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Central District

See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B-8-1	Sample ID: 3542752
Date: 11/9/11	

PURGING DATA YSI: 02606/2697

Tubing Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 14.12	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(47.9 - 14.12) \times 0.16 = 5.4064$ Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
= Gallons				

Initial Pump or Tubing Depth in Well (Feet): 17				Final Pump or Tubing Depth in Well: 17				Purging Initiated At: 1059		Purging Ended At: 1059		Total Volume Purged (Gallons): 10.00	
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP	
1050	5.50	5.50	.50	14.59	6.33	24.13	561	0.18	0.00	20.00	20.00	-67.3	
1053	1.50	7.00		14.59	6.43	24.07	608	0.17	0.23			-65.7	
1056	1.50	8.50		14.59	6.40	24.01	609	0.14	0.16			-70.4	
1059	1.50	10.00		14.59	6.47	23.97	616	0.16	0.24			-74.6	

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 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

SAMPLING DATA

Sampled By (Print): James Stockbridge				Sampler(s) Signature:				Sampling Initiated At: 1100		Sampling Ended At: 1100	
Pump or Tubing Depth in Well (Feet): 17		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Duplicate: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code			

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **73**
 Rain: Yes No
 Wind Speed: **5-10**
 Wind Direction: **N**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] ½ Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____		Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____		Layers [Yes] [No]		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____		Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 1111		Bottles Preserved <2pH	

Field Notes:
 See Work Order/Bottle Order

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Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B-8-2	Sample ID: 3542752
Date: 11/9/11	

PURGING DATA				YSI: 02606/2697
Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 6.22	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
(332) - 6.22) X 0.16 Gallons/Foot = 4.3184 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (X) + = Gallons				

Initial Pump or Tubing Depth in Well (Feet): 10		Final Pump or Tubing Depth in Well: 10		Purging Initiated At: 11:18	Purging Ended At: 11:42	Total Volume Purged (Gallons): 7.00						
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
11:36	4.50	4.50	.25	8.8	5.54	25.17	980	0.21	0.41	10000	10000	10.6
11:41	1.25	5.75	1	7.88	5.54	25.10	978	0.21	0.76	1	1	10.9
11:46	1.25	7.00	1	7.88	5.55	24.99	969	0.20	0.09	1	1	11.1

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

SAMPLING DATA

Sampled By (Print): James Stockbridge / Pace				Sampler(s) Signatures: <i>[Signature]</i>				Sampling Initiated At: 11:47	Sampling Ended At: 11:56
Pump or Tubing Depth in Well (Feet): 10		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 74
 Rain: [Yes] No
 Wind Speed: 5-10
 Wind Direction: N

<input type="checkbox"/> Surface Water	Taken From:		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore	<input type="checkbox"/> Surface	Sampling Point: _____ Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat	<input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge	<input type="checkbox"/> Bottom	mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 11:57	Bottles Preserved <2pH

Field Notes:
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DEP Control District
See Work Order/Bottle Order

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **B33-2** Sample ID: **3542752** Date: **11/9/11**

PURGING DATA YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **4.04** Sampling Device: **PP**
 Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
17.76 - 4.04 X 0.16 Gallons/Foot = **2.1952** Gallons
 Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): **9** Final Pump or Tubing Depth in Well: **10** Purging Initiated At: **11:30** Purging Ended At: **12:18** Total Volume Purged (Gallons): **11.50**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mol/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
11:39	2.25	2.25	2.5	8.45	8.05	23.95	1251	0.15	15.7	BROWN	SLIGHT	-3.1
11:42	.75	3.0		8.60	8.08	23.89	1271	0.21	10.82			-8.4
11:45	.75	3.75		8.97	8.09	24.17	1273	0.27	15.1			-7.0
11:48	.75	4.50		9.0	7.96	24.30	1264	0.39	24.5			-4.8
11:51	.75	5.25		8.95	7.92	24.51	1252	0.46	30.0			-3.6
11:54	.75	6.0			7.90	24.42	1244	0.43	32.2			-3.7
11:57	.75	6.75		8.98	7.89	24.54	1245	0.32	33.7			-4.9
12:00	.75	7.0		9.10	7.88	24.35	1257	0.29	33.7			-4.9
12:03	.75	7.75		9.20	7.87	24.55	1264	0.34	30.6			-6.9
12:06	.75	8.50		9.33	7.87	24.44	1265	0.29	30.0			-7.5

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

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: *R. Higdon* Sampling Initiated At: **12:19** Sampling Ended At: **12:31**
 Pump or Tubing Depth in Well (Feet): **10** Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: (Yes) (No) Field-Filtered: (Yes) (No) Duplicate: (Yes) (No)
 Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **84.0**
 Rain: [Yes] [No]
 Wind Speed: **5-10**
 Wind Direction: **SW**

Surface Water Taken From: Waste Water: Start Time _____ Finish Time _____
 Total Depth: _____ Shore Surface Sampling Point: _____ Volume: _____
 Type: Lake Stream Boat Mid-Depth Composite Grab
 River Other _____ Bridge Bottom mL per: [] Hour [] 1/2 Hour []
 Wading Other

Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: _____ Sampling Point: _____ Sample Depth: _____ Composite Grab

Discharged Method Ground Barrel On Ice @ **12:32** Bottles Preserved <2pH

Field Notes: **Purged out 5 well volumes due to turbidity and temp issues.**

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See Work Order/Bottle Order

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Trace Analytical Field Sampling Log

Pg. 2 of 2

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B.33-2	Sample ID: 3542752
Date: 11/9/11	

PURGING DATA YSI 2606(2697)

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water:	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
() X 0.16 Gallons/Foot = Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ () X () = Gallons				

Initial Pump or Tubing Depth in Well (Feet):	Final Pump or Tubing Depth in Well:	Purging Initiated At:	Purging Ended At:	Total Volume Purged (Gallons):
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Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
12:09	.75	9.05	.75	9.38	7.85	24.64	1262	0.21	32.5	BROWN	slight	-8.6
12:12	.75	10.0		9.50	7.84	24.71	1267	0.25	33.8			-8.7
12:15	.75	10.75			7.84	24.71	1272	0.16	36.2			-9.7
12:18	.75	11.50			7.83	24.78	1276	0.14	36.4			-10.6

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

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 12:19	Sampling Ended At: 12:31	
Pump or Tubing Depth in Well (Feet):		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature:
 Rain: Yes No
 Wind Speed:
 Wind Direction:

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab	<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 12:31 Bottles Preserved <2pH		

Field Notes: SEE NOTES ON Page 1.

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DEP Central District

See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: <u>B63-1</u>	Sample ID: <u>3542752</u>
Date: 11/ /11	

PURGING DATA

YSI: 02606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: <u>2.52</u>	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(36.42 - 2.52) \times 0.16 = 4.464$ Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
$() + () + () = \text{Gallons}$				

Initial Pump or Tubing Depth in Well (Feet): <u>8</u>	Final Pump or Tubing Depth in Well: <u>8</u>	Purging Initiated At: <u>1248</u>	Purging Ended At: <u>1316</u>	Total Volume Purged (Gallons): <u>7.00</u>
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Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1306	4.50	4.50	.25	4.32	6.42	23.70	535	0.25	1.40	NOV6	VOS	-19.6
1311	1.25	5.75	1	4.32	6.46	23.71	535	0.26	2.69	1	1	-20.4
1316	1.25	7.00	1	4.32	6.49	23.73	535	0.25	3.44	1	1	-21.6

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

SAMPLING DATA

Sampled By (Print): <u>James Stockbridge</u>			Sampler(s) Signature:			Sampling Initiated At: <u>1317</u>	Sampling Ended At: <u>1325</u>	
Pump or Tubing Depth in Well (Feet): <u>8</u>		Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>	Tubing Material Code: <u>PE</u>	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 76
 Rain: Yes No
 Wind Speed: 5
 Wind Direction: N

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____ <input type="checkbox"/> Soils/Sediment Sampling Point: _____ <input type="checkbox"/> Drum Waste Type: _____ <input type="checkbox"/> Other: _____ Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____ Sample Depth: _____ Layers <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Depth: _____ On Ice @ <u>1320</u>
<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>	
<input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Grab Bottles Preserved <2pH	

Field Notes:

See Work Order/Bottle Order

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Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **B33-1** Sample ID: **3542752** Date: **11/9/11**

PURGING DATA YSI 2606/2697

Well Screen Interval Depth: Feet to _____ Static Depth to Water: **6.80** Tubing Diameter: 3/8" Sampling Device: **PP**

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
(39.52 - 6.80) X 0.16 Gallons/Foot = 5.2352 Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): **12** Final Pump or Tubing Depth in Well: **12** Purging Initiated At: **1252** Purging Ended At: **1321** Total Volume Purged (Gallons): **14.5**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1303	5.50	5.50	0.50	7.73	7.78	24.86	374	0.97	1.39	Brown	Slight	5.7
1306	1.50	7.0			7.69	24.69	374	1.00	1.50			4.8
1309	1.50	8.5			7.61	24.53	422	0.97	0.68			5.1
1312	1.50	10.0			7.56	24.3	467	0.90	1.19			5.6
1315	1.50	11.5			7.55	23.95	467	0.83	1.09			3.8
1318	1.50	13.0			7.54	23.94	467	0.74	0.87			3.7
1321	1.50	14.5			7.52	24.11	467	0.70	1.24			3.5

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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): **Roger Higdon** / Pace Sampler(s) Signatures: *R. Higdon* Sampling Initiated At: **1320** Sampling Ended At: **1334**

Pump or Tubing Depth in Well (Feet): **12** Sample Pump Flow Rate (mL per minute): **100-200ml** Tubing Material Code: **PE** Field Decontamination: Yes No Field Filtered: Yes No Duplicate: Yes No

Filter Size: _____ µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **92.0**
 Rain: Yes No
 Wind Speed: **3-4**
 Wind Direction: **SE**

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other

Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____
 Composite Grab mL per: Hour 1/2 Hour

Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab

Drum Waste Type: _____ Layers Yes No Composite Grab

Other: Sampling Point: _____ Sample Depth: _____ Composite Grab

Discharged Method: Ground Barrel On Ice @ **1345** Bottles Preserved <2pH

Field Notes: _____

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See Work Order/Bottle Order **DEP Central District**

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B63-2	Sample ID: 7542752
Date: 11/9/11	

PURGING DATA YSI: 02606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 2.82	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
(14.35 - 2.82) X 0.16 Gallons/foot = 1.8448 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (X) + = Gallons				

Initial Pump or Tubing Depth in Well (Feet): 4	Final Pump or Tubing Depth in Well: 4	Purging Initiated At: 1332	Purging Ended At: 1344	Total Volume Purged (Gallons): 3.00
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Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or (µS/cm))	Dissolved Oxygen (circle (mg/L) or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1340	2.00	2.00	.25	3.76	6.78	24.22	676	0.52	9.41	None	Yes	-67.4
1342	.50	2.50	1	3.76	6.78	24.25	675	0.39	4.30	1	1	-72.7
1344	.50	3.00		3.76	6.78	24.27	675	0.34	3.86			-75.5

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

SAMPLING DATA

Sampled By (Print): James Stockbridge				Sample(s) Signatures: <i>[Signature]</i>				Sampling Initiated At: 1345	Sampling Ended At: 1352
Pump or Tubing Depth in Well (Feet): 4		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **76**
 Rain: Yes No
 Wind Speed: **5-10**
 Wind Direction: **N**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1353 Bottles Preserved <2pH	

Field Notes: _____

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Work Order/Bottle Order

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **B32** Sample ID: **3542752** Date: **11/9/11**

PURGING DATA YSI 2606(2697)
 Meter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **3.55** Sampling Device: **PP**
 Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 $(31.25 - 3.55) \times 0.16$ Gallons/foot = **4.432** Gallons
 Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume

Initial Pump or Tubing Depth in Well (Feet): **9** Final Pump or Tubing Depth in Well: _____ Purging Initiated At: **1345** Purging Ended At: **1407** Total Volume Purged (Gallons): **11.0**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (umhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1355	5.0	5.0	0.50	4.45	8.18	23.54	456	1.08	9.76	NO	NO	-44.1
1358	1.50	6.50			8.44	23.50	486	0.43	3.14			-48.3
1401	1.50	8.0			8.44	23.36	507	0.31	2.41			-49.2
1404	1.50	9.50			8.40	23.39	511	0.26	2.13			-49.6
1407	1.50	11.0			8.35	23.39	512	0.25	2.01			-50.1

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.85; 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

SAMPLING DATA

Sampled By (Print): **Roger Higdon** / Pace Sampler(s) Signatures: *R. Higdon* Sampling Initiated At: **1408** Sampling Ended At: **1420**
 Pump or Tubing Depth in Well (Feet): _____ Sample Pump Flow Rate (mL per minute): **100-200ml** Tubing Material Code: **PE** Field Decontamination: (Yes) (No) Field-Filtered: (Yes) (No) Duplicate: (Yes) (No)
 Filter Size: _____ µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **85.0**
 Rain: [Yes] [No]
 Wind Speed: **5-10**
 Wind Direction: **SE**

[] Surface Water Total Depth: _____ Taken From: [] Shore [] Surface [] Boat [] Mid-Depth [] River [] Other [] Bridge [] Bottom [] Wading [] Other
 [] Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ [] Composite [] Grab mL per: [] Hour [] 1/2 Hour []
 [] Soils/Sediment Sampling Point: _____ Sample Depth: _____ [] Composite [] Grab
 [] Drum Waste Type: _____ Layers [Yes] [No] [] Composite [] Grab
 [] Other: Sampling Point: _____ Sample Depth: _____ [] Composite [] Grab
 Discharged Method: Ground [] Barrel On Ice @ **1421** Bottles Preserved <2pH

Field Notes:
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See Work Order/Bottle Order
DEP Central District

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **FMB** Sample ID: **3542752** Date: **11/9/11**

PURGING DATA YSI 2606/2697

meter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **16.30** Sampling Device: **PP**

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (101.10 - 16.30) X 0.16 Gallons/foot = **13.568** Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume

Initial Pump or Tubing Depth in Well (Feet): **21** Final Pump or Tubing Depth in Well: **21** Purging Initiated At: **1540** Purging Ended At: **1634** Total Volume Purged (Gallons): **28.0**

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1606	14.0	14.0	50	17.75	8.44	23.22	590	0.08	6.13	NO	NO	-58.7
1613	3.5	17.5	10	17.75	8.54	23.20	590	0.08	9.84	NO	NO	-50.0
1620	3.5	21.0	10	16.80	8.13	23.11	591	0.05	10.80	NO	NO	-39.2
1627	3.5	24.5	10	16.80	8.09	23.09	589	0.05	8.09	NO	NO	-36.9
1634	3.5	28.0	10	16.80	8.07	23.10	589	0.05	5.74	NO	NO	-36.0

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; 6" = 1.02; 8" = 1.47; 12" = 5.68
 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): **Roger Higdon** / Pace Sampler(s) Signatures: *R. Higdon* Sampling Initiated At: **1635** Sampling Ended At: **1647**

Pump or Tubing Depth in Well (Feet): **21** Sample Pump Flow Rate (mL per minute): **100-200ml** Tubing Material Code: **PE** Field Decontamination: Yes No Field-Filtered: Yes No Duplicate: Yes No

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Filter Size: µm	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **83°**
 Rain: Yes No
 Wind Speed: **5-10**
 Wind Direction: **SE**

Surface Water Taken From: Shore Surface Boat Mid-Depth River Other Bridge Bottom Wading Other

Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 mL per: [] Composite [] Grab Hour [] 1/2 Hour []

Soils/Sediment Sampling Point: _____ Sample Depth: _____ [] Composite [] Grab

Drum Waste Type: _____ Layers [Yes] [No] [] Composite [] Grab

Other: Sampling Point: _____ Sample Depth: _____ [] Composite [] Grab

Discharged Method: Ground Barrel On Ice @ **1648** Bottles Preserved <2pH

Field Notes:

See Work Order/Bottle Order

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 DEP Control District



Document Name:
Sample Condition Upon Receipt Form
Document No.:
F-FL-C-007 rev. 04

Document Revised:
September 23, 2011
Issuing Authority:
Pace Florida Quality Office

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLCTY Project # 3542752

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: AS 1/9/11

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used T73 Type of Ice: Wet Blue None

Cooler Temperature °C 1.4 (Visual) -0.2 (Correction Factor) 1.2 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?

Yes No

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

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

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: A

Date: 1/10/11

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Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

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

Extra Sample in Shed: Yes No

February 15, 2012

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

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RE: Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 10, 2011. 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.

The results for Kepone, a,a-Dimethylphenethylamine, and 1,4-Phenylenediamine on 3542893 were reported as a Tentively Identified Compounds (TIC).

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: Ms. Katherine Weitz, HDR Engineering, Inc.

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CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3542893001	Equipment Blank (11/10/11)	Water	11/10/11 09:50	11/10/11 16:30
3542893003	B45-2	Water	11/10/11 11:24	11/10/11 16:30
3542893004	B45-1	Water	11/10/11 12:07	11/10/11 16:30
3542893006	B43-1	Water	11/10/11 14:14	11/10/11 16:30
3542893007	B43-1 DUP	Water	11/10/11 14:14	11/10/11 16:30
3542893008	B41-1	Water	11/10/11 15:24	11/10/11 16:30
3542893009	Trip Blank (11/10/11)	Water	11/10/11 08:00	11/10/11 16:30

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
3542893001	Equipment Blank (11/10/11)	EPA 8011	JLR	2	PASI-O		
		EPA 8081	BAG	23	PASI-O		
		EPA 8082	JTT	9	PASI-O		
		EPA 8141	JTT	7	PASI-O		
		EPA 8151	LJM	6	PASI-O		
		EPA 6010	TAP	16	PASI-O		
		EPA 6020	DRS	2	PASI-O		
		EPA 7470	RSW	1	PASI-O		
		EPA 8270	AJB	106	PASI-O		
		EPA 8260	SK	62	PASI-O		
		SM 2540C	MMD	1	PASI-O		
		EPA 9034	AAM	1	PASI-O		
		EPA 300.0	LAJ	1	PASI-O		
		EPA 300.0	LAJ	2	PASI-O		
		EPA 350.1	SOA	1	PASI-O		
		EPA 9012	SOA	1	PASI-O		
		3542893003	B45-2	EPA 8011	JLR	2	PASI-O
				EPA 8081	BAG	23	PASI-O
				EPA 8082	JTT	9	PASI-O
				EPA 8141	JTT	7	PASI-O
EPA 8151	LJM			6	PASI-O		
EPA 6010	TAP			16	PASI-O		
EPA 6020	DRS			2	PASI-O		
EPA 7470	RSW			1	PASI-O		
EPA 8270	AJB			106	PASI-O		
EPA 8260	SK			62	PASI-O		
SM 2540C	MMD			1	PASI-O		
EPA 9034	AAM			1	PASI-O		
EPA 300.0	LAJ			1	PASI-O		
EPA 300.0	LAJ			2	PASI-O		
EPA 350.1	SOA			1	PASI-O		
EPA 9012	SOA			1	PASI-O		
3542893004	B45-1			EPA 8011	JLR	2	PASI-O
				EPA 8081	BAG	23	PASI-O
				EPA 8082	JTT	9	PASI-O
				EPA 8011	JLR	2	PASI-O
		EPA 8081	BAG	23	PASI-O		

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LE
Pace Project No.: 3542893

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8141	JTT	7	PASI-O
		EPA 8151	LJM	6	PASI-O
		EPA 6010	TAP	16	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8270	AJB	106	PASI-O
		EPA 8260	SK	62	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 9034	AAM	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
			JSB	7	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 8081	BAG	23	PASI-O
		EPA 8082	JTT	9	PASI-O
		EPA 8141	JTT	7	PASI-O
		EPA 8151	LJM	6	PASI-O
		EPA 6010	TAP	16	PASI-O
		EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8270	AJB	106	PASI-O
		EPA 8260	ABD	62	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 9034	AAM	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
			JSB	7	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 8081	BAG	23	PASI-O
		EPA 8082	JTT	9	PASI-O
		EPA 8141	JTT	7	PASI-O
		EPA 8151	LJM	6	PASI-O
		EPA 6010	TAP	16	PASI-O

3542893006 B43-1

3542893007 B43-1 DUP

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3542893008	B41-1	EPA 6020	DRS	2	PASI-O
		EPA 7470	RSW	1	PASI-O
		EPA 8270	AJB	106	PASI-O
		EPA 8260	ABD	62	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 9034	AAM	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		EPA 9012	SOA	1	PASI-O
		3542893009	Trip Blank (11/10/11)	EPA 8260	ABD

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 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	0.0050U	ug/L	0.020	0.0050	1	11/14/11 09:00	11/14/11 19:36	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/14/11 09:00	11/14/11 19:36	106-93-4	
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.00048U	ug/L	0.0097	0.00048	1	11/13/11 08:30	11/18/11 01:27	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0097	0.00029	1	11/13/11 08:30	11/18/11 01:27	319-84-6	
beta-BHC	0.00048U	ug/L	0.0097	0.00048	1	11/13/11 08:30	11/18/11 01:27	319-85-7	
delta-BHC	0.00039U	ug/L	0.0097	0.00039	1	11/13/11 08:30	11/18/11 01:27	319-86-8	
gamma-BHC (Lindane)	0.00019U	ug/L	0.0097	0.00019	1	11/13/11 08:30	11/18/11 01:27	58-89-9	
Chlordane (Technical)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/18/11 01:27	57-74-9	
Chlorobenzilate	0.020U	ug/L	0.097	0.020	1	11/13/11 08:30	11/18/11 01:27	510-15-6	
4,4'-DDD	0.0018U	ug/L	0.0097	0.0018	1	11/13/11 08:30	11/18/11 01:27	72-54-8	
4,4'-DDE	0.00087U	ug/L	0.0097	0.00087	1	11/13/11 08:30	11/18/11 01:27	72-55-9	
4,4'-DDT	0.0035U	ug/L	0.0097	0.0035	1	11/13/11 08:30	11/18/11 01:27	50-29-3	
Dieldrin	0.00048U	ug/L	0.0097	0.00048	1	11/13/11 08:30	11/18/11 01:27	60-57-1	
Endosulfan I	0.00068U	ug/L	0.0097	0.00068	1	11/13/11 08:30	11/18/11 01:27	959-98-8	
Endosulfan II	0.00068U	ug/L	0.0097	0.00068	1	11/13/11 08:30	11/18/11 01:27	33213-65-9	
Endosulfan sulfate	0.00058U	ug/L	0.0097	0.00058	1	11/13/11 08:30	11/18/11 01:27	1031-07-8	
Endrin	0.0016U	ug/L	0.0097	0.0016	1	11/13/11 08:30	11/18/11 01:27	72-20-8	
Endrin aldehyde	0.0069U	ug/L	0.0097	0.0069	1	11/13/11 08:30	11/18/11 01:27	7421-93-4	
Heptachlor	0.0014U	ug/L	0.0097	0.0014	1	11/13/11 08:30	11/18/11 01:27	76-44-8	
Heptachlor epoxide	0.00039U	ug/L	0.0097	0.00039	1	11/13/11 08:30	11/18/11 01:27	1024-57-3	
Methoxychlor	0.0068U	ug/L	0.0097	0.0068	1	11/13/11 08:30	11/18/11 01:27	72-43-5	
Pentachloronitrobenzene	0.014U	ug/L	0.097	0.014	1	11/13/11 08:30	11/18/11 01:27	82-68-8	
Toxaphene	0.28U	ug/L	0.48	0.28	1	11/13/11 08:30	11/18/11 01:27	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	73 %		66.5-120.3		1	11/13/11 08:30	11/18/11 01:27	877-09-8	
Decachlorobiphenyl (S)	100 %		41.7-109.1		1	11/13/11 08:30	11/18/11 01:27	2051-24-3	
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/15/11 22:38	12674-11-2	
PCB-1221 (Aroclor 1221)	0.078U	ug/L	0.48	0.078	1	11/13/11 08:30	11/15/11 22:38	11104-28-2	
PCB-1232 (Aroclor 1232)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/15/11 22:38	11141-16-5	
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.48	0.12	1	11/13/11 08:30	11/15/11 22:38	53469-21-9	
PCB-1248 (Aroclor 1248)	0.27U	ug/L	0.48	0.27	1	11/13/11 08:30	11/15/11 22:38	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.48	0.14	1	11/13/11 08:30	11/15/11 22:38	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/15/11 22:38	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	63 %		48-111		1	11/13/11 08:30	11/15/11 22:38	877-09-8	
Decachlorobiphenyl (S)	101 %		63-121		1	11/13/11 08:30	11/15/11 22:38	2051-24-3	
8141 GCS O/P Pesticides		Analytical Method: EPA 8141 Preparation Method: EPA 3510							
Dimethoate	0.23U	ug/L	0.47	0.23	1	11/11/11 17:15	11/13/11 06:50	60-51-5	
Disulfoton	0.24U	ug/L	0.47	0.24	1	11/11/11 17:15	11/13/11 06:50	298-04-4	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8141 GCS O/P Pesticides									
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Famphur	0.28U	ug/L	0.47	0.28	1	11/11/11 17:15	11/13/11 06:50	52-85-7	
Methyl parathion	0.25U	ug/L	0.47	0.25	1	11/11/11 17:15	11/13/11 06:50	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.95	0.45	1	11/11/11 17:15	11/13/11 06:50	56-38-2	
Phorate	0.40U	ug/L	0.95	0.40	1	11/11/11 17:15	11/13/11 06:50	298-02-2	
Surrogates									
4-Chloro3nitrobenzotrifluoride	87 %		34.2-122		1	11/11/11 17:15	11/13/11 06:50		
8151 Chlorinated Herbicides									
Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.22U	ug/L	0.92	0.22	1	11/11/11 08:00	11/15/11 12:50	94-75-7	
Dinoseb	0.056U	ug/L	0.18	0.056	1	11/11/11 08:00	11/15/11 12:50	88-85-7	
Pentachlorophenol	0.017U	ug/L	0.028	0.017	1	11/11/11 08:00	11/15/11 12:50	87-86-5	
2,4,5-T	0.041U	ug/L	0.18	0.041	1	11/11/11 08:00	11/15/11 12:50	93-76-5	
2,4,5-TP (Silvex)	0.048U	ug/L	0.19	0.048	1	11/11/11 08:00	11/15/11 12:50	93-72-1	
Surrogates									
2,4-DCAA (S)	87 %		42-142		1	11/11/11 08:00	11/15/11 12:50	19719-28-9	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:46	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:46	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:46	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:46	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:46	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:46	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:46	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/11/11 11:32	11/15/11 18:46	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:46	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:46	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/11/11 11:32	11/15/11 18:46	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:46	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:46	7440-23-5	
Tin	25.0U	ug/L	50.0	25.0	1	11/11/11 11:32	11/15/11 18:46	7440-31-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:46	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/11/11 11:32	11/15/11 18:46	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.54	ug/L	1.0	0.50	1	11/11/11 11:32	11/16/11 09:04	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/16/11 09:04	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/11/11 00:30	11/11/11 10:31	7439-97-6	
8270 MSSV SemiVOA App. II									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Acenaphthene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 16:31	83-32-9	
Acenaphthylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 16:31	208-96-8	
Acetophenone	1.5U	ug/L	4.8	1.5	1	11/12/11 01:00	11/12/11 16:31	98-86-2	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
2-Acetylaminofluorene	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 16:31	53-96-3	
4-Aminobiphenyl	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 16:31	92-67-1	
Anthracene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 16:31	120-12-7	
Benzo(a)anthracene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 16:31	56-55-3	
Benzo(a)pyrene	0.13U	ug/L	0.96	0.13	1	11/12/11 01:00	11/12/11 16:31	50-32-8	
Benzo(b)fluoranthene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 16:31	205-99-2	J(L2)
Benzo(g,h,i)perylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 16:31	191-24-2	
Benzo(k)fluoranthene	0.11U	ug/L	3.8	0.11	1	11/12/11 01:00	11/12/11 16:31	207-08-9	L3
Benzyl alcohol	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 16:31	100-51-6	
4-Bromophenylphenyl ether	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 16:31	101-55-3	
Butylbenzylphthalate	1.9U	ug/L	4.8	1.9	1	11/12/11 01:00	11/12/11 16:31	85-68-7	
4-Chloro-3-methylphenol	0.29U	ug/L	19.2	0.29	1	11/12/11 01:00	11/12/11 16:31	59-50-7	
4-Chloroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	106-47-8	
bis(2-Chloroethoxy)methane	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	111-91-1	
bis(2-Chloroethyl) ether	0.20U	ug/L	3.8	0.20	1	11/12/11 01:00	11/12/11 16:31	111-44-4	
bis(2-Chloroisopropyl) ether	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 16:31	108-60-1	
2-Chloronaphthalene	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 16:31	91-58-7	
2-Chlorophenol	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	95-57-8	
4-Chlorophenylphenyl ether	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 16:31	7005-72-3	
1,2-Dichlorobenzene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 16:31	218-01-9	
Diallyl ether	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 16:31	2303-16-4	
Dibenz(a,h)anthracene	1.7U	ug/L	1.9	1.7	1	11/12/11 01:00	11/12/11 16:31	53-70-3	
Dibenzofuran	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	132-64-9	
1,2-Dichlorobenzene	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 16:31	95-50-1	
1,3-Dichlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 16:31	541-73-1	
1,4-Dichlorobenzene	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 16:31	106-46-7	
3,3'-Dichlorobenzidine	0.19U	ug/L	9.6	0.19	1	11/12/11 01:00	11/12/11 16:31	91-94-1	
2,4-Dichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 16:31	120-83-2	
2,6-Dichlorophenol	0.22U	ug/L	3.8	0.22	1	11/12/11 01:00	11/12/11 16:31	87-65-0	
Diethylphthalate	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	84-66-2	
P-Dimethylaminoazobenzene	0.29U	ug/L	4.8	0.29	1	11/12/11 01:00	11/12/11 16:31	60-11-7	
7,12-Dimethylbenz(a)anthracene	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 16:31	57-97-6	
3,3'-Dimethylbenzidine	0.60U	ug/L	9.6	0.60	1	11/12/11 01:00	11/12/11 16:31	119-93-7	
2,4-Dimethylphenol	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 16:31	105-67-9	
a,a-Dimethylphenylethylamine	9.6U	ug/L	19.2	9.6	1	11/12/11 01:00	11/12/11 16:31	122-09-8	
Dimethylphthalate	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 16:31	131-11-3	
Di-n-butylphthalate	0.18U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 16:31	84-74-2	
4,6-Dinitro-2-methylphenol	1.4U	ug/L	19.2	1.4	1	11/12/11 01:00	11/12/11 16:31	534-52-1	
1,3-Dinitrobenzene	0.31U	ug/L	7.7	0.31	1	11/12/11 01:00	11/12/11 16:31	99-65-0	
2,4-Dinitrophenol	1.1U	ug/L	19.2	1.1	1	11/12/11 01:00	11/12/11 16:31	51-28-5	
2,4-Dinitrotoluene	0.13U	ug/L	1.9	0.13	1	11/12/11 01:00	11/12/11 16:31	121-14-2	
2,6-Dinitrotoluene	0.21U	ug/L	1.9	0.21	1	11/12/11 01:00	11/12/11 16:31	606-20-2	
Di-n-octylphthalate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 16:31	117-84-0	
bis(2-Ethylhexyl)phthalate	0.93U	ug/L	4.8	0.93	1	11/12/11 01:00	11/12/11 16:31	117-81-7	
Ethyl methanesulfonate	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 16:31	62-50-0	
Fluoranthene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 16:31	206-44-0	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Fluorene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 16:31	86-73-7	
Hexachlorobenzene	0.18U	ug/L	0.96	0.18	1	11/12/11 01:00	11/12/11 16:31	118-74-1	
Hexachlorocyclopentadiene	1.0U	ug/L	4.8	1.0	1	11/12/11 01:00	11/12/11 16:31	77-47-4	
Hexachloroethane	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 16:31	67-72-1	
Hexachloropropene	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 16:31	1888-71-7	
Indeno(1,2,3-cd)pyrene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 16:31	193-39-5	
Isodrin	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 16:31	465-73-6	
Isophorone	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	78-59-1	
Isosafrole	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 16:31	120-58-1	
Kepone	4.8U	ug/L	19.2	4.8	1	11/12/11 01:00	11/12/11 16:31	143-50-0	
Methapyrilene	0.51U	ug/L	4.8	0.51	1	11/12/11 01:00	11/12/11 16:31	91-80-5	
3-Methylcholanthrene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	56-49-5	
Methyl methanesulfonate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 16:31	66-27-3	
2-Methylnaphthalene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	91-57-6	
2-Methylphenol(o-Cresol)	1.2U	ug/L	4.8	1.2	1	11/12/11 01:00	11/12/11 16:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.15U	ug/L	9.6	0.15	1	11/12/11 01:00	11/12/11 16:31		
1-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 16:31	134-32-7	
2-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 16:31	91-59-8	
Naphthalene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	91-20-3	
1,4-Naphthoquinone	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 16:31	130-15-4	
2-Nitroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	88-74-4	
3-Nitroaniline	0.31U	ug/L	4.8	0.31	1	11/12/11 01:00	11/12/11 16:31	99-09-2	
4-Nitroaniline	1.8U	ug/L	3.8	1.8	1	11/12/11 01:00	11/12/11 16:31	100-01-6	
Nitrobenzene	0.39U	ug/L	3.8	0.39	1	11/12/11 01:00	11/12/11 16:31	98-95-3	
2-Nitrophenol	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 16:31	88-75-5	
4-Nitrophenol	0.75U	ug/L	19.2	0.75	1	11/12/11 01:00	11/12/11 16:31	100-02-7	
5-Nitro-o-toluidine	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	99-55-8	
N-Nitrosodiethylamine	0.21U	ug/L	3.8	0.21	1	11/12/11 01:00	11/12/11 16:31	55-18-5	
N-Nitrosodimethylamine	0.13U	ug/L	1.9	0.13	1	11/12/11 01:00	11/12/11 16:31	62-75-9	
N-Nitroso-di-n-butylamine	0.21U	ug/L	3.8	0.21	1	11/12/11 01:00	11/12/11 16:31	924-16-3	
N-Nitroso-di-n-propylamine	0.25U	ug/L	3.8	0.25	1	11/12/11 01:00	11/12/11 16:31	621-64-7	
N-Nitrosodiphenylamine	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 16:31	86-30-6	
N-Nitrosomethylethylamine	0.33U	ug/L	4.8	0.33	1	11/12/11 01:00	11/12/11 16:31	10595-95-6	
N-Nitrosopiperidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 16:31	100-75-4	
N-Nitrosopyrrolidine	0.21U	ug/L	4.8	0.21	1	11/12/11 01:00	11/12/11 16:31	930-55-2	
O,O,O-Triethylphosphorothioate	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 16:31	126-68-1	
Pentachlorobenzene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	608-93-5	
Phenacetin	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	62-44-2	
Phenanthrene	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 16:31	85-01-8	
Phenol	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 16:31	108-95-2	
p-Phenylenediamine	9.6U	ug/L	19.2	9.6	1	11/12/11 01:00	11/12/11 16:31	106-50-3	
Pronamide	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 16:31	23950-58-5	
Pyrene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 16:31	129-00-0	
Safrole	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 16:31	94-59-7	
1,2,4,5-Tetrachlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 16:31	95-94-3	
2,3,4,6-Tetrachlorophenol	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 16:31	58-90-2	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Thionazin	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 16:31	297-97-2	
O-Toluidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 16:31	95-53-4	
2,4,5-Trichlorophenol	0.16U	ug/L	3.8	0.16	1	11/12/11 01:00	11/12/11 16:31	95-95-4	
2,4,6-Trichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 16:31	88-06-2	
1,3,5-Trinitrobenzene	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 16:31	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	67 %		10-110		1	11/12/11 01:00	11/12/11 16:31	4165-60-0	
2-Fluorobiphenyl (S)	72 %		18-110		1	11/12/11 01:00	11/12/11 16:31	321-60-8	
Terphenyl-d14 (S)	77 %		10-123		1	11/12/11 01:00	11/12/11 16:31	1718-51-0	
Phenol-d6 (S)	12 %		10-110		1	11/12/11 01:00	11/12/11 16:31	13127-88-3	
2-Fluorophenol (S)	20 %		18-110		1	11/12/11 01:00	11/12/11 16:31	367-12-4	
2,4,6-Tribromophenol (S)	71 %		10-110		1	11/12/11 01:00	11/12/11 16:31	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/15/11 21:37	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	107-13-1	
Chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	107-05-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/15/11 21:37	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/15/11 21:37	74-87-3	L3
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/15/11 21:37	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-71-8	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 21:37	10061-01-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/15/11 21:37	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/15/11 21:37	78-83-1	L3
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/15/11 21:37	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/15/11 21:37	107-12-0	
Styrene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/15/11 21:37	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/15/11 21:37	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/15/11 21:37	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/15/11 21:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/15/11 21:37	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/15/11 21:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/15/11 21:37	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/15/11 21:37	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/14/11 12:44		
9034 Sulfide Water		Analytical Method: EPA 9034							
Sulfide	1.0U	mg/L	1.0	1.0	1		11/11/11 08:30	18496-25-8	
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 15:53	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/11/11 15:53	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/11/11 15:53	14808-79-8	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: Equipment Blank (11/10/11) Lab ID: 3542893001 Collected: 11/10/11 09:50 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:35	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.0010U	mg/L	0.010	0.0010	1	11/21/11 06:38	11/22/11 06:52	57-12-5	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

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Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.54	Std. Units			1		11/10/11 11:24		
Field Temperature	23.06	deg C			1		11/10/11 11:24		
Appearance	Color:	Orange,			1		11/10/11 11:24		
	Sheen:	None							
Field Specific Conductance	308	umhos/cm			1		11/10/11 11:24		
Oxygen, Dissolved	0.30	mg/L			1		11/10/11 11:24	7782-44-7	
REDOX	153.7	mV			1		11/10/11 11:24		
Turbidity	19.7	NTU			1		11/10/11 11:24		
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	11/14/11 09:00	11/14/11 20:22	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/14/11 09:00	11/14/11 20:22	106-93-4	
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 02:09	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0096	0.00029	1	11/13/11 08:30	11/18/11 02:09	319-84-6	
beta-BHC	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 02:09	319-85-7	
delta-BHC	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 02:09	319-86-8	
gamma-BHC (Lindane)	0.00019U	ug/L	0.0096	0.00019	1	11/13/11 08:30	11/18/11 02:09	58-89-9	
Chlordane (Technical)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/18/11 02:09	57-74-9	
Chlorobenzilate	0.020U	ug/L	0.096	0.020	1	11/13/11 08:30	11/18/11 02:09	510-15-6	
4,4'-DDD	0.0018U	ug/L	0.0096	0.0018	1	11/13/11 08:30	11/18/11 02:09	72-54-8	
4,4'-DDE	0.00086U	ug/L	0.0096	0.00086	1	11/13/11 08:30	11/18/11 02:09	72-55-9	
4,4'-DDT	0.0034U	ug/L	0.0096	0.0034	1	11/13/11 08:30	11/18/11 02:09	50-29-3	
Dieldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 02:09	60-57-1	
Endosulfan I	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 02:09	959-98-8	
Endosulfan II	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 02:09	33213-65-9	
Endosulfan sulfate	0.00057U	ug/L	0.0096	0.00057	1	11/13/11 08:30	11/18/11 02:09	1031-07-8	
Endrin	0.0016U	ug/L	0.0096	0.0016	1	11/13/11 08:30	11/18/11 02:09	72-20-8	
Endrin aldehyde	0.0068U	ug/L	0.0096	0.0068	1	11/13/11 08:30	11/18/11 02:09	7421-93-4	
Heptachlor	0.0014U	ug/L	0.0096	0.0014	1	11/13/11 08:30	11/18/11 02:09	76-44-8	
Heptachlor epoxide	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 02:09	1024-57-3	
Methoxychlor	0.0067U	ug/L	0.0096	0.0067	1	11/13/11 08:30	11/18/11 02:09	72-43-5	
Pentachloronitrobenzene	0.014U	ug/L	0.096	0.014	1	11/13/11 08:30	11/18/11 02:09	82-68-8	
Toxaphene	0.27U	ug/L	0.48	0.27	1	11/13/11 08:30	11/18/11 02:09	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	89 %		66.5-120.3		1	11/13/11 08:30	11/18/11 02:09	877-09-8	
Decachlorobiphenyl (S)	59 %		41.7-109.1		1	11/13/11 08:30	11/18/11 02:09	2051-24-3	
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	0.076U	ug/L	0.48	0.076	1	11/13/11 08:30	11/15/11 23:30	12674-11-2	
PCB-1221 (Aroclor 1221)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/15/11 23:30	11104-28-2	
PCB-1232 (Aroclor 1232)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/15/11 23:30	11141-16-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.48	0.12	1	11/13/11 08:30	11/15/11 23:30	53469-21-9	
PCB-1248 (Aroclor 1248)	0.26U	ug/L	0.48	0.26	1	11/13/11 08:30	11/15/11 23:30	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.48	0.14	1	11/13/11 08:30	11/15/11 23:30	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/15/11 23:30	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	71 %		48-111		1	11/13/11 08:30	11/15/11 23:30	877-09-8	
Decachlorobiphenyl (S)	58 %		63-121		1	11/13/11 08:30	11/15/11 23:30	2051-24-3	J(S0)
8141 GCS O/P Pesticides									
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Dimethoate	0.23U	ug/L	0.48	0.23	1	11/11/11 17:15	11/13/11 08:01	60-51-5	
Disulfoton	0.25U	ug/L	0.48	0.25	1	11/11/11 17:15	11/13/11 08:01	298-04-4	
Famphur	0.28U	ug/L	0.48	0.28	1	11/11/11 17:15	11/13/11 08:01	52-85-7	
Methyl parathion	0.26U	ug/L	0.48	0.26	1	11/11/11 17:15	11/13/11 08:01	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.96	0.45	1	11/11/11 17:15	11/13/11 08:01	56-38-2	
Phorate	0.40U	ug/L	0.96	0.40	1	11/11/11 17:15	11/13/11 08:01	298-02-2	
Surrogates									
4-Chloro3nitrobenzotrifluoride	87 %		34.2-122		1	11/11/11 17:15	11/13/11 08:01		
Chlorinated Herbicides									
Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.21U	ug/L	0.90	0.21	1	11/11/11 08:00	11/15/11 14:33	94-75-7	
Dinoseb	0.055U	ug/L	0.18	0.055	1	11/11/11 08:00	11/15/11 14:33	88-85-7	
Pentachlorophenol	0.016U	ug/L	0.027	0.016	1	11/11/11 08:00	11/15/11 14:33	87-86-5	
2,4,5-T	0.040U	ug/L	0.18	0.040	1	11/11/11 08:00	11/15/11 14:33	93-76-5	
2,4,5-TP (Silvex)	0.047U	ug/L	0.18	0.047	1	11/11/11 08:00	11/15/11 14:33	93-72-1	
Surrogates									
2,4-DCAA (S)	101 %		42-142		1	11/11/11 08:00	11/15/11 14:33	19719-28-9	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:55	7440-38-2	
Barium	35.2	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:55	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:55	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:55	7440-43-9	
Chromium	3.9 I	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:55	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:55	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:55	7440-50-8	
Iron	4360	ug/L	40.0	20.0	1	11/11/11 11:32	11/15/11 18:55	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:55	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:55	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/11/11 11:32	11/15/11 18:55	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:55	7440-22-4	
Sodium	36.8	mg/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:55	7440-23-5	
Tin	25.0U	ug/L	50.0	25.0	1	11/11/11 11:32	11/15/11 18:55	7440-31-5	
Vanadium	9.7 I	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:55	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/11/11 11:32	11/15/11 18:55	7440-66-6	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:21	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:21	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/11/11 00:30	11/11/11 10:36	7439-97-6	
8270 MSSV SemiVOA App. II									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Acenaphthene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:06	83-32-9	
Acenaphthylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:06	208-96-8	
Acetophenone	1.5U	ug/L	4.8	1.5	1	11/12/11 01:00	11/12/11 17:06	98-86-2	
2-Acetylaminofluorene	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:06	53-96-3	
4-Aminobiphenyl	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 17:06	92-67-1	
Anthracene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:06	120-12-7	
Benzo(a)anthracene	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:06	56-55-3	
Benzo(a)pyrene	0.14U	ug/L	0.97	0.14	1	11/12/11 01:00	11/12/11 17:06	50-32-8	
Benzo(b)fluoranthene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:06	205-99-2	J(L2)
Benzo(g,h,i)perylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:06	191-24-2	
Benzo(k)fluoranthene	0.11U	ug/L	3.9	0.11	1	11/12/11 01:00	11/12/11 17:06	207-08-9	L3
Benzyl alcohol	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 17:06	100-51-6	
4-Bromophenylphenyl ether	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:06	101-55-3	
Butylbenzylphthalate	1.9U	ug/L	4.8	1.9	1	11/12/11 01:00	11/12/11 17:06	85-68-7	
4-Chloro-3-methylphenol	0.29U	ug/L	19.3	0.29	1	11/12/11 01:00	11/12/11 17:06	59-50-7	
4-Chloroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	106-47-8	
bis(2-Chloroethoxy)methane	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	111-91-1	
bis(2-Chloroethyl) ether	0.20U	ug/L	3.9	0.20	1	11/12/11 01:00	11/12/11 17:06	111-44-4	
bis(2-Chloroisopropyl) ether	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 17:06	108-60-1	
2-Chloronaphthalene	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 17:06	91-58-7	
2-Chlorophenol	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	95-57-8	
4-Chlorophenylphenyl ether	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:06	7005-72-3	
Chrysene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:06	218-01-9	
Diallate	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 17:06	2303-16-4	
Dibenz(a,h)anthracene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:06	53-70-3	
Dibenzofuran	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	132-64-9	
1,2-Dichlorobenzene	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:06	95-50-1	
1,3-Dichlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 17:06	541-73-1	
1,4-Dichlorobenzene	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 17:06	106-46-7	
3,3'-Dichlorobenzidine	0.19U	ug/L	9.7	0.19	1	11/12/11 01:00	11/12/11 17:06	91-94-1	
2,4-Dichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 17:06	120-83-2	
2,6-Dichlorophenol	0.22U	ug/L	3.9	0.22	1	11/12/11 01:00	11/12/11 17:06	87-65-0	
Diethylphthalate	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	84-66-2	
P-Dimethylaminoazobenzene	0.29U	ug/L	4.8	0.29	1	11/12/11 01:00	11/12/11 17:06	60-11-7	
7,12-Dimethylbenz(a)anthracene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:06	57-97-6	
3,3'-Dimethylbenzidine	0.60U	ug/L	9.7	0.60	1	11/12/11 01:00	11/12/11 17:06	119-93-7	
2,4-Dimethylphenol	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 17:06	105-67-9	
a,a-Dimethylphenylethylamine	9.7U	ug/L	19.3	9.7	1	11/12/11 01:00	11/12/11 17:06	122-09-8	
Dimethylphthalate	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 17:06	131-11-3	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Di-n-butylphthalate	0.20 U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:06	84-74-2	
4,6-Dinitro-2-methylphenol	1.4U	ug/L	19.3	1.4	1	11/12/11 01:00	11/12/11 17:06	534-52-1	
1,3-Dinitrobenzene	0.31U	ug/L	7.7	0.31	1	11/12/11 01:00	11/12/11 17:06	99-65-0	
2,4-Dinitrophenol	1.1U	ug/L	19.3	1.1	1	11/12/11 01:00	11/12/11 17:06	51-28-5	
2,4-Dinitrotoluene	0.14U	ug/L	1.9	0.14	1	11/12/11 01:00	11/12/11 17:06	121-14-2	
2,6-Dinitrotoluene	0.21U	ug/L	1.9	0.21	1	11/12/11 01:00	11/12/11 17:06	606-20-2	
Di-n-octylphthalate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:06	117-84-0	
bis(2-Ethylhexyl)phthalate	0.94U	ug/L	4.8	0.94	1	11/12/11 01:00	11/12/11 17:06	117-81-7	
Ethyl methanesulfonate	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:06	62-50-0	
Fluoranthene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:06	206-44-0	
Fluorene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:06	86-73-7	
Hexachlorobenzene	0.18U	ug/L	0.97	0.18	1	11/12/11 01:00	11/12/11 17:06	118-74-1	
Hexachlorocyclopentadiene	1.1U	ug/L	4.8	1.1	1	11/12/11 01:00	11/12/11 17:06	77-47-4	
Hexachloroethane	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:06	67-72-1	
Hexachloropropene	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:06	1888-71-7	
Indeno(1,2,3-cd)pyrene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:06	193-39-5	
Isodrin	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 17:06	465-73-6	
Isophorone	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	78-59-1	
Isoprene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	120-58-1	
Isoprene	4.8U	ug/L	19.3	4.8	1	11/12/11 01:00	11/12/11 17:06	143-50-0	
Methapyrilene	0.51U	ug/L	4.8	0.51	1	11/12/11 01:00	11/12/11 17:06	91-80-5	
3-Methylcholanthrene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	56-49-5	
Methyl methanesulfonate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:06	66-27-3	
2-Methylnaphthalene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	91-57-6	
2-Methylphenol(o-Cresol)	1.2U	ug/L	4.8	1.2	1	11/12/11 01:00	11/12/11 17:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.15U	ug/L	9.7	0.15	1	11/12/11 01:00	11/12/11 17:06		
1-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 17:06	134-32-7	
2-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 17:06	91-59-8	
Naphthalene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	91-20-3	
1,4-Naphthoquinone	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:06	130-15-4	
2-Nitroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	88-74-4	
3-Nitroaniline	0.31U	ug/L	4.8	0.31	1	11/12/11 01:00	11/12/11 17:06	99-09-2	
4-Nitroaniline	1.8U	ug/L	3.9	1.8	1	11/12/11 01:00	11/12/11 17:06	100-01-6	
Nitrobenzene	0.40U	ug/L	3.9	0.40	1	11/12/11 01:00	11/12/11 17:06	98-95-3	
2-Nitrophenol	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:06	88-75-5	
4-Nitrophenol	0.75U	ug/L	19.3	0.75	1	11/12/11 01:00	11/12/11 17:06	100-02-7	
5-Nitro-o-toluidine	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	99-55-8	
N-Nitrosodiethylamine	0.21U	ug/L	3.9	0.21	1	11/12/11 01:00	11/12/11 17:06	55-18-5	
N-Nitrosodimethylamine	0.14U	ug/L	1.9	0.14	1	11/12/11 01:00	11/12/11 17:06	62-75-9	
N-Nitroso-di-n-butylamine	0.21U	ug/L	3.9	0.21	1	11/12/11 01:00	11/12/11 17:06	924-16-3	
N-Nitroso-di-n-propylamine	0.25U	ug/L	3.9	0.25	1	11/12/11 01:00	11/12/11 17:06	621-64-7	
N-Nitrosodiphenylamine	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:06	86-30-6	
N-Nitrosomethylethylamine	0.33U	ug/L	4.8	0.33	1	11/12/11 01:00	11/12/11 17:06	10595-95-6	
N-Nitrosopiperidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:06	100-75-4	
N-Nitrosopyrrolidine	0.21U	ug/L	4.8	0.21	1	11/12/11 01:00	11/12/11 17:06	930-55-2	
O,O,O-Triethylphosphorothioate	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 17:06	126-68-1	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorobenzene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	608-93-5	
Phenacetin	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	62-44-2	
Phenanthrene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:06	85-01-8	
Phenol	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:06	108-95-2	
p-Phenylenediamine	9.7U	ug/L	19.3	9.7	1	11/12/11 01:00	11/12/11 17:06	106-50-3	
Pronamide	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:06	23950-58-5	
Pyrene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:06	129-00-0	
Safrole	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:06	94-59-7	
1,2,4,5-Tetrachlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 17:06	95-94-3	
2,3,4,6-Tetrachlorophenol	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 17:06	58-90-2	
Thionazin	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 17:06	297-97-2	
O-Toluidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:06	95-53-4	
2,4,5-Trichlorophenol	0.16U	ug/L	3.9	0.16	1	11/12/11 01:00	11/12/11 17:06	95-95-4	
2,4,6-Trichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 17:06	88-06-2	
1,3,5-Trinitrobenzene	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 17:06	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	64 %		10-110		1	11/12/11 01:00	11/12/11 17:06	4165-60-0	
2-Fluorobiphenyl (S)	69 %		18-110		1	11/12/11 01:00	11/12/11 17:06	321-60-8	
Terphenyl-d14 (S)	74 %		10-123		1	11/12/11 01:00	11/12/11 17:06	1718-51-0	
Phenol-d6 (S)	13 %		10-110		1	11/12/11 01:00	11/12/11 17:06	13127-88-3	
2-Fluorophenol (S)	22 %		18-110		1	11/12/11 01:00	11/12/11 17:06	367-12-4	
2,4,6-Tribromophenol (S)	79 %		10-110		1	11/12/11 01:00	11/12/11 17:06	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/16/11 02:32	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	107-05-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/16/11 02:32	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 02:32	74-87-3	L3
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 02:32	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-71-8	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:32	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:32	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/16/11 02:32	78-83-1	L3
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	126-98-7	
1,1-Dichloroethene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 02:32	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:32	107-12-0	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 02:32	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 02:32	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 02:32	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 02:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90 %		70-114		1		11/16/11 02:32	460-00-4	
Dibromofluoromethane (S)	105 %		88-117		1		11/16/11 02:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	105 %		86-125		1		11/16/11 02:32	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/16/11 02:32	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	1020	mg/L	20.0	20.0	1		11/14/11 12:45		

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-2 Lab ID: 3542893003 Collected: 11/10/11 11:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	1.0U	mg/L	1.0	1.0	1		11/11/11 08:30	18496-25-8	
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.19	mg/L	0.050	0.025	1		11/11/11 16:42	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	93.4	mg/L	5.0	2.5	1		11/11/11 16:42	16887-00-6	
Sulfate	17.8	mg/L	5.0	2.5	1		11/11/11 16:42	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/16/11 07:37	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.0014	mg/L	0.010	0.0010	1	11/21/11 06:38	11/22/11 06:56	57-12-5	V

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.04	Std. Units			1		11/10/11 13:27		
Field Temperature	22.19	deg C			1		11/10/11 13:27		
Appearance	Color: Orange, Sheen: None				1		11/10/11 13:27		
Field Specific Conductance	1473	umhos/cm			1		11/10/11 13:27		
Oxygen, Dissolved	0.24	mg/L			1		11/10/11 13:27	7782-44-7	
REDOX	-41.9	mV			1		11/10/11 13:27		
Turbidity	1.94	NTU			1		11/10/11 13:27		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	11/14/11 09:00	11/14/11 20:38	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/14/11 09:00	11/14/11 20:38	106-93-4	
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3510									
Aldrin	0.00048U	ug/L	0.0095	0.00048	1	11/13/11 08:30	11/18/11 02:30	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0095	0.00029	1	11/13/11 08:30	11/18/11 02:30	319-84-6	
gamma-BHC	0.00048U	ug/L	0.0095	0.00048	1	11/13/11 08:30	11/18/11 02:30	319-85-7	
delta-BHC	0.00038U	ug/L	0.0095	0.00038	1	11/13/11 08:30	11/18/11 02:30	319-86-8	
gamma-BHC (Lindane)	0.00019U	ug/L	0.0095	0.00019	1	11/13/11 08:30	11/18/11 02:30	58-89-9	
Chlordane (Technical)	0.076U	ug/L	0.48	0.076	1	11/13/11 08:30	11/18/11 02:30	57-74-9	
Chlorobenzilate	0.020U	ug/L	0.095	0.020	1	11/13/11 08:30	11/18/11 02:30	510-15-6	
4,4'-DDD	0.0018U	ug/L	0.0095	0.0018	1	11/13/11 08:30	11/18/11 02:30	72-54-8	
4,4'-DDE	0.00086U	ug/L	0.0095	0.00086	1	11/13/11 08:30	11/18/11 02:30	72-55-9	
4,4'-DDT	0.0034U	ug/L	0.0095	0.0034	1	11/13/11 08:30	11/18/11 02:30	50-29-3	
Dieldrin	0.00048U	ug/L	0.0095	0.00048	1	11/13/11 08:30	11/18/11 02:30	60-57-1	
Endosulfan I	0.00067U	ug/L	0.0095	0.00067	1	11/13/11 08:30	11/18/11 02:30	959-98-8	
Endosulfan II	0.00067U	ug/L	0.0095	0.00067	1	11/13/11 08:30	11/18/11 02:30	33213-65-9	
Endosulfan sulfate	0.00057U	ug/L	0.0095	0.00057	1	11/13/11 08:30	11/18/11 02:30	1031-07-8	
Endrin	0.0016U	ug/L	0.0095	0.0016	1	11/13/11 08:30	11/18/11 02:30	72-20-8	
Endrin aldehyde	0.0068U	ug/L	0.0095	0.0068	1	11/13/11 08:30	11/18/11 02:30	7421-93-4	
Heptachlor	0.0014U	ug/L	0.0095	0.0014	1	11/13/11 08:30	11/18/11 02:30	76-44-8	
Heptachlor epoxide	0.00038U	ug/L	0.0095	0.00038	1	11/13/11 08:30	11/18/11 02:30	1024-57-3	
Methoxychlor	0.0067U	ug/L	0.0095	0.0067	1	11/13/11 08:30	11/18/11 02:30	72-43-5	
Pentachloronitrobenzene	0.014U	ug/L	0.095	0.014	1	11/13/11 08:30	11/18/11 02:30	82-68-8	
Toxaphene	0.27U	ug/L	0.48	0.27	1	11/13/11 08:30	11/18/11 02:30	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	92 %		66.5-120.3		1	11/13/11 08:30	11/18/11 02:30	877-09-8	
Decachlorobiphenyl (S)	37 %		41.7-109.1		1	11/13/11 08:30	11/18/11 02:30	2051-24-3	J(S1)
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1016 (Aroclor 1016)	0.076U	ug/L	0.48	0.076	1	11/13/11 08:30	11/15/11 23:50	12674-11-2	
PCB-1221 (Aroclor 1221)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/15/11 23:50	11104-28-2	
PCB-1232 (Aroclor 1232)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/15/11 23:50	11141-16-5	

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ANALYTICAL RESULTS

FEB 20 2012

DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.48	0.12	1	11/13/11 08:30	11/15/11 23:50	53469-21-9	
PCB-1248 (Aroclor 1248)	0.26U	ug/L	0.48	0.26	1	11/13/11 08:30	11/15/11 23:50	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.48	0.14	1	11/13/11 08:30	11/15/11 23:50	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/15/11 23:50	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	56 %		48-111		1	11/13/11 08:30	11/15/11 23:50	877-09-8	
Decachlorobiphenyl (S)	36 %		63-121		1	11/13/11 08:30	11/15/11 23:50	2051-24-3	J(S0)
8141 GCS O/P Pesticides									
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Dimethoate	0.23U	ug/L	0.47	0.23	1	11/11/11 17:15	11/13/11 08:37	60-51-5	
Disulfoton	0.24U	ug/L	0.47	0.24	1	11/11/11 17:15	11/13/11 08:37	298-04-4	
Famphur	0.28U	ug/L	0.47	0.28	1	11/11/11 17:15	11/13/11 08:37	52-85-7	
Methyl parathion	0.25U	ug/L	0.47	0.25	1	11/11/11 17:15	11/13/11 08:37	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.95	0.45	1	11/11/11 17:15	11/13/11 08:37	56-38-2	
Phorate	0.40U	ug/L	0.95	0.40	1	11/11/11 17:15	11/13/11 08:37	298-02-2	
Surrogates									
4-Chloro3nitrobenzotrifluoride	85 %		34.2-122		1	11/11/11 17:15	11/13/11 08:37		
8151 Chlorinated Herbicides									
Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.21U	ug/L	0.90	0.21	1	11/11/11 08:00	11/15/11 15:07	94-75-7	
Dinoseb	0.054U	ug/L	0.18	0.054	1	11/11/11 08:00	11/15/11 15:07	88-85-7	
Pentachlorophenol	0.016U	ug/L	0.027	0.016	1	11/11/11 08:00	11/15/11 15:07	87-86-5	
2,4,5-T	0.040U	ug/L	0.18	0.040	1	11/11/11 08:00	11/15/11 15:07	93-76-5	
2,4,5-TP (Silvex)	0.047U	ug/L	0.18	0.047	1	11/11/11 08:00	11/15/11 15:07	93-72-1	
Surrogates									
2,4-DCAA (S)	108 %		42-142		1	11/11/11 08:00	11/15/11 15:07	19719-28-9	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:59	7440-38-2	
Barium	154	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:59	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:59	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:59	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:59	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:59	7440-48-4	
Copper	5.5	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:59	7440-50-8	
Iron	48200	ug/L	40.0	20.0	1	11/11/11 11:32	11/15/11 18:59	7439-89-6	J(M1)
Lead	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:59	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:59	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/11/11 11:32	11/15/11 18:59	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 18:59	7440-22-4	J(M1)
Sodium	207	mg/L	1.0	0.50	1	11/11/11 11:32	11/15/11 18:59	7440-23-5	J(M1)
Tin	25.0U	ug/L	50.0	25.0	1	11/11/11 11:32	11/15/11 18:59	7440-31-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 18:59	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/11/11 11:32	11/15/11 18:59	7440-66-6	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:23	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:23	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/11/11 00:30	11/11/11 10:39	7439-97-6	
8270 MSSV SemiVOA App. II									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Acenaphthene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:23	83-32-9	
Acenaphthylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:23	208-96-8	
Acetophenone	1.5U	ug/L	4.8	1.5	1	11/12/11 01:00	11/12/11 17:23	98-86-2	
2-Acetylaminofluorene	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:23	53-96-3	
4-Aminobiphenyl	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 17:23	92-67-1	
Anthracene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:23	120-12-7	
Benzo(a)anthracene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:23	56-55-3	
Benzo(a)pyrene	0.13U	ug/L	0.96	0.13	1	11/12/11 01:00	11/12/11 17:23	50-32-8	
Benzo(b)fluoranthene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:23	205-99-2	J(L2)
Benzo(g,h,i)perylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:23	191-24-2	
Benzo(k)fluoranthene	0.11U	ug/L	3.8	0.11	1	11/12/11 01:00	11/12/11 17:23	207-08-9	L3
1-Propyl alcohol	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 17:23	100-51-6	
4-Bromophenylphenyl ether	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:23	101-55-3	
Butylbenzylphthalate	1.9U	ug/L	4.8	1.9	1	11/12/11 01:00	11/12/11 17:23	85-68-7	
4-Chloro-3-methylphenol	0.29U	ug/L	19.2	0.29	1	11/12/11 01:00	11/12/11 17:23	59-50-7	
4-Chloroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	106-47-8	
bis(2-Chloroethoxy)methane	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	111-91-1	
bis(2-Chloroethyl) ether	0.20U	ug/L	3.8	0.20	1	11/12/11 01:00	11/12/11 17:23	111-44-4	
bis(2-Chloroisopropyl) ether	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 17:23	108-60-1	
2-Chloronaphthalene	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 17:23	91-58-7	
2-Chlorophenol	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	95-57-8	
4-Chlorophenylphenyl ether	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:23	7005-72-3	
Chrysene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:23	218-01-9	
Diallate	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 17:23	2303-16-4	
Dibenz(a,h)anthracene	1.7U	ug/L	1.9	1.7	1	11/12/11 01:00	11/12/11 17:23	53-70-3	
Dibenzofuran	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	132-64-9	
1,2-Dichlorobenzene	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:23	95-50-1	
1,3-Dichlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 17:23	541-73-1	
1,4-Dichlorobenzene	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 17:23	106-46-7	
3,3'-Dichlorobenzidine	0.19U	ug/L	9.6	0.19	1	11/12/11 01:00	11/12/11 17:23	91-94-1	
2,4-Dichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 17:23	120-83-2	
2,6-Dichlorophenol	0.22U	ug/L	3.8	0.22	1	11/12/11 01:00	11/12/11 17:23	87-65-0	
Diethylphthalate	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	84-66-2	
P-Dimethylaminoazobenzene	0.29U	ug/L	4.8	0.29	1	11/12/11 01:00	11/12/11 17:23	60-11-7	
7,12-Dimethylbenz(a)anthracene	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 17:23	57-97-6	
3,3'-Dimethylbenzidine	0.59U	ug/L	9.6	0.59	1	11/12/11 01:00	11/12/11 17:23	119-93-7	
2,4-Dimethylphenol	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 17:23	105-67-9	
a,a-Dimethylphenylethylamine	9.6U	ug/L	19.2	9.6	1	11/12/11 01:00	11/12/11 17:23	122-09-8	
Dimethylphthalate	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 17:23	131-11-3	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

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DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Di-n-butylphthalate	0.86 I	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:23	84-74-2	
4,6-Dinitro-2-methylphenol	1.4U	ug/L	19.2	1.4	1	11/12/11 01:00	11/12/11 17:23	534-52-1	
1,3-Dinitrobenzene	0.31U	ug/L	7.7	0.31	1	11/12/11 01:00	11/12/11 17:23	99-65-0	
2,4-Dinitrophenol	1.1U	ug/L	19.2	1.1	1	11/12/11 01:00	11/12/11 17:23	51-28-5	
2,4-Dinitrotoluene	0.13U	ug/L	1.9	0.13	1	11/12/11 01:00	11/12/11 17:23	121-14-2	
2,6-Dinitrotoluene	0.21U	ug/L	1.9	0.21	1	11/12/11 01:00	11/12/11 17:23	606-20-2	
Di-n-octylphthalate	0.24 I	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:23	117-84-0	
bis(2-Ethylhexyl)phthalate	5.4	ug/L	4.8	0.93	1	11/12/11 01:00	11/12/11 17:23	117-81-7	
Ethyl methanesulfonate	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:23	62-50-0	
Fluoranthene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:23	206-44-0	
Fluorene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:23	86-73-7	
Hexachlorobenzene	0.18U	ug/L	0.96	0.18	1	11/12/11 01:00	11/12/11 17:23	118-74-1	
Hexachlorocyclopentadiene	1.0U	ug/L	4.8	1.0	1	11/12/11 01:00	11/12/11 17:23	77-47-4	
Hexachloroethane	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:23	67-72-1	
Hexachloropropene	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:23	1888-71-7	
Indeno(1,2,3-cd)pyrene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:23	193-39-5	
Isodrin	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 17:23	465-73-6	
Isophorone	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	78-59-1	
Isosafrole	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:23	120-58-1	
Kepone	4.8U	ug/L	19.2	4.8	1	11/12/11 01:00	11/12/11 17:23	143-50-0	
Methapyrilene	0.51U	ug/L	4.8	0.51	1	11/12/11 01:00	11/12/11 17:23	91-80-5	
3-Methylcholanthrene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	56-49-5	
Methyl methanesulfonate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:23	66-27-3	
2-Methylnaphthalene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	91-57-6	
2-Methylphenol(o-Cresol)	1.2U	ug/L	4.8	1.2	1	11/12/11 01:00	11/12/11 17:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.15U	ug/L	9.6	0.15	1	11/12/11 01:00	11/12/11 17:23		
1-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 17:23	134-32-7	
2-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 17:23	91-59-8	
Naphthalene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	91-20-3	
1,4-Napthoquinone	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:23	130-15-4	
2-Nitroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	88-74-4	
3-Nitroaniline	0.31U	ug/L	4.8	0.31	1	11/12/11 01:00	11/12/11 17:23	99-09-2	
4-Nitroaniline	1.8U	ug/L	3.8	1.8	1	11/12/11 01:00	11/12/11 17:23	100-01-6	
Nitrobenzene	0.39U	ug/L	3.8	0.39	1	11/12/11 01:00	11/12/11 17:23	98-95-3	
2-Nitrophenol	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:23	88-75-5	
4-Nitrophenol	0.75U	ug/L	19.2	0.75	1	11/12/11 01:00	11/12/11 17:23	100-02-7	
5-Nitro-o-toluidine	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	99-55-8	
N-Nitrosodiethylamine	0.21U	ug/L	3.8	0.21	1	11/12/11 01:00	11/12/11 17:23	55-18-5	
N-Nitrosodimethylamine	0.13U	ug/L	1.9	0.13	1	11/12/11 01:00	11/12/11 17:23	62-75-9	
N-Nitroso-di-n-butylamine	0.21U	ug/L	3.8	0.21	1	11/12/11 01:00	11/12/11 17:23	924-16-3	
N-Nitroso-di-n-propylamine	0.25U	ug/L	3.8	0.25	1	11/12/11 01:00	11/12/11 17:23	621-64-7	
N-Nitrosodiphenylamine	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 17:23	86-30-6	
N-Nitrosomethylethylamine	0.33U	ug/L	4.8	0.33	1	11/12/11 01:00	11/12/11 17:23	10595-95-6	
N-Nitrosopiperidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:23	100-75-4	
N-Nitrosopyrrolidine	0.21U	ug/L	4.8	0.21	1	11/12/11 01:00	11/12/11 17:23	930-55-2	
O,O,O-Triethylphosphorothioate	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 17:23	126-68-1	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka, Semi-annual LF
Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemivOA App. II									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Pentachlorobenzene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	608-93-5	
Phenacetin	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	62-44-2	
Phenanthrene	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 17:23	85-01-8	
Phenol	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:23	108-95-2	
p-Phenylenediamine	9.6U	ug/L	19.2	9.6	1	11/12/11 01:00	11/12/11 17:23	106-50-3	
Pronamide	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:23	23950-58-5	
Pyrene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:23	129-00-0	
Safrole	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:23	94-59-7	
1,2,4,5-Tetrachlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 17:23	95-94-3	
2,3,4,6-Tetrachlorophenol	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 17:23	58-90-2	
Thionazin	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 17:23	297-97-2	
O-Toluidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:23	95-53-4	
2,4,5-Trichlorophenol	0.16U	ug/L	3.8	0.16	1	11/12/11 01:00	11/12/11 17:23	95-95-4	
2,4,6-Trichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 17:23	88-06-2	
1,3,5-Trinitrobenzene	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 17:23	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	37 %		10-110		1	11/12/11 01:00	11/12/11 17:23	4165-60-0	
2-Fluorobiphenyl (S)	41 %		18-110		1	11/12/11 01:00	11/12/11 17:23	321-60-8	
Phenyl-d14 (S)	58 %		10-123		1	11/12/11 01:00	11/12/11 17:23	1718-51-0	
Phenol-d6 (S)	12 %		10-110		1	11/12/11 01:00	11/12/11 17:23	13127-88-3	
2-Fluorophenol (S)	18 %		18-110		1	11/12/11 01:00	11/12/11 17:23	367-12-4	
2,4,6-Tribromophenol (S)	45 %		10-110		1	11/12/11 01:00	11/12/11 17:23	118-79-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/16/11 02:57	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	107-05-1	
Benzene	13.0	ug/L	1.0	0.50	1		11/16/11 02:57	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/16/11 02:57	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	56-23-5	
Chlorobenzene	5.4	ug/L	1.0	0.50	1		11/16/11 02:57	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 02:57	74-87-3	L3
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 02:57	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-71-8	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

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DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:57	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 02:57	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/16/11 02:57	78-83-1	L3
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 02:57	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 02:57	107-12-0	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 02:57	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 02:57	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 02:57	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 02:57	75-01-4	
Xylene (Total)	2.2	ug/L	1.0	0.50	1		11/16/11 02:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/16/11 02:57	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/16/11 02:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/16/11 02:57	17060-07-0	
Toluene-d8 (S)	96 %		87-113		1		11/16/11 02:57	2037-26-5	

2540C Total Dissolved Solids

Analytical Method: SM 2540C

Total Dissolved Solids 3020 mg/L 20.0 20.0 1 11/14/11 12:45

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B45-1 Lab ID: 3542893004 Collected: 11/10/11 12:07 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	5.5	mg/L	1.0	1.0	1		11/11/11 08:30	18496-25-8	
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 16:54	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	183	mg/L	50.0	25.0	10		11/18/11 22:26	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/12/11 02:12	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.072	mg/L	0.050	0.020	1		11/16/11 07:38	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.0019 I	mg/L	0.010	0.0010	1	11/21/11 06:38	11/22/11 06:57	57-12-5	V

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.98	Std. Units			1		11/10/11 14:14		
Field Temperature	23.02	deg C			1		11/10/11 14:14		
Appearance	Color: None, Sheen: None				1		11/10/11 14:14		
Field Specific Conductance	652	umhos/cm			1		11/10/11 14:14		
Oxygen, Dissolved	0.28	mg/L			1		11/10/11 14:14	7782-44-7	
REDOX	-24.9	mV			1		11/10/11 14:14		
Turbidity	5.36	NTU			1		11/10/11 14:14		
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	11/17/11 11:30	11/17/11 16:57	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 16:57	106-93-4	
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:12	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0096	0.00029	1	11/13/11 08:30	11/18/11 03:12	319-84-6	
beta-BHC	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:12	319-85-7	
delta-BHC	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 03:12	319-86-8	
gamma-BHC (Lindane)	0.00019U	ug/L	0.0096	0.00019	1	11/13/11 08:30	11/18/11 03:12	58-89-9	
Chlordane (Technical)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/18/11 03:12	57-74-9	
Chlorobenzilate	0.020U	ug/L	0.096	0.020	1	11/13/11 08:30	11/18/11 03:12	510-15-6	
4,4'-DDD	0.0018U	ug/L	0.0096	0.0018	1	11/13/11 08:30	11/18/11 03:12	72-54-8	
4,4'-DDE	0.00086U	ug/L	0.0096	0.00086	1	11/13/11 08:30	11/18/11 03:12	72-55-9	
4,4'-DDT	0.0035U	ug/L	0.0096	0.0035	1	11/13/11 08:30	11/18/11 03:12	50-29-3	
Dieldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:12	60-57-1	
Endosulfan I	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 03:12	959-98-8	
Endosulfan II	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 03:12	33213-65-9	
Endosulfan sulfate	0.00058U	ug/L	0.0096	0.00058	1	11/13/11 08:30	11/18/11 03:12	1031-07-8	
Endrin	0.0016U	ug/L	0.0096	0.0016	1	11/13/11 08:30	11/18/11 03:12	72-20-8	
Endrin aldehyde	0.0068U	ug/L	0.0096	0.0068	1	11/13/11 08:30	11/18/11 03:12	7421-93-4	
Heptachlor	0.0014U	ug/L	0.0096	0.0014	1	11/13/11 08:30	11/18/11 03:12	76-44-8	
Heptachlor epoxide	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 03:12	1024-57-3	
Methoxychlor	0.0067U	ug/L	0.0096	0.0067	1	11/13/11 08:30	11/18/11 03:12	72-43-5	
Pentachloronitrobenzene	0.014U	ug/L	0.096	0.014	1	11/13/11 08:30	11/18/11 03:12	82-68-8	
Toxaphene	0.27U	ug/L	0.48	0.27	1	11/13/11 08:30	11/18/11 03:12	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	82 %		66.5-120.3		1	11/13/11 08:30	11/18/11 03:12	877-09-8	
Decachlorobiphenyl (S)	36 %		41.7-109.1		1	11/13/11 08:30	11/18/11 03:12	2051-24-3	J(S1)
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/16/11 00:48	12674-11-2	
PCB-1221 (Aroclor 1221)	0.078U	ug/L	0.48	0.078	1	11/13/11 08:30	11/16/11 00:48	11104-28-2	
PCB-1232 (Aroclor 1232)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/16/11 00:48	11141-16-5	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.48	0.12	1	11/13/11 08:30	11/16/11 00:48	53469-21-9	
PCB-1248 (Aroclor 1248)	0.26U	ug/L	0.48	0.26	1	11/13/11 08:30	11/16/11 00:48	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.48	0.14	1	11/13/11 08:30	11/16/11 00:48	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/16/11 00:48	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	56 %		48-111		1	11/13/11 08:30	11/16/11 00:48	877-09-8	
Decachlorobiphenyl (S)	42 %		63-121		1	11/13/11 08:30	11/16/11 00:48	2051-24-3	J(S0)
8141 GCS O/P Pesticides									
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Dimethoate	0.23U	ug/L	0.48	0.23	1	11/11/11 17:15	11/13/11 09:48	60-51-5	
Disulfoton	0.25U	ug/L	0.48	0.25	1	11/11/11 17:15	11/13/11 09:48	298-04-4	
Famphur	0.28U	ug/L	0.48	0.28	1	11/11/11 17:15	11/13/11 09:48	52-85-7	
Methyl parathion	0.26U	ug/L	0.48	0.26	1	11/11/11 17:15	11/13/11 09:48	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.96	0.45	1	11/11/11 17:15	11/13/11 09:48	56-38-2	
Phorate	0.40U	ug/L	0.96	0.40	1	11/11/11 17:15	11/13/11 09:48	298-02-2	
Surrogates									
4-Chloro3nitrobenzotrifluoride	96 %		34.2-122		1	11/11/11 17:15	11/13/11 09:48		
Chlorinated Herbicides									
Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.22U	ug/L	0.91	0.22	1	11/11/11 08:00	11/15/11 16:15	94-75-7	
Dinoseb	0.055U	ug/L	0.18	0.055	1	11/11/11 08:00	11/15/11 16:15	88-85-7	
Pentachlorophenol	0.016U	ug/L	0.027	0.016	1	11/11/11 08:00	11/15/11 16:15	87-86-5	
2,4,5-T	0.041U	ug/L	0.18	0.041	1	11/11/11 08:00	11/15/11 16:15	93-76-5	
2,4,5-TP (Silvex)	0.047U	ug/L	0.18	0.047	1	11/11/11 08:00	11/15/11 16:15	93-72-1	
Surrogates									
2,4-DCAA (S)	96 %		42-142		1	11/11/11 08:00	11/15/11 16:15	19719-28-9	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:23	7440-38-2	
Barium	134	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:23	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:23	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:23	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:23	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:23	7440-48-4	
Copper	3.2	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:23	7440-50-8	
Iron	20300	ug/L	40.0	20.0	1	11/11/11 11:32	11/15/11 19:23	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:23	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:23	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/11/11 11:32	11/15/11 19:23	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:23	7440-22-4	
Sodium	86.9	mg/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:23	7440-23-5	
Tin	25.0U	ug/L	50.0	25.0	1	11/11/11 11:32	11/15/11 19:23	7440-31-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:23	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/11/11 11:32	11/15/11 19:23	7440-66-6	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:27	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:27	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/11/11 00:30	11/11/11 10:52	7439-97-6	
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:58	83-32-9	
Acenaphthylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:58	208-96-8	
Acetophenone	1.5U	ug/L	4.8	1.5	1	11/12/11 01:00	11/12/11 17:58	98-86-2	
2-Acetylaminofluorene	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:58	53-96-3	
4-Aminobiphenyl	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 17:58	92-67-1	
Anthracene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:58	120-12-7	
Benzo(a)anthracene	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:58	56-55-3	
Benzo(a)pyrene	0.14U	ug/L	0.97	0.14	1	11/12/11 01:00	11/12/11 17:58	50-32-8	
Benzo(b)fluoranthene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:58	205-99-2	J(L2)
Benzo(g,h,i)perylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:58	191-24-2	
Benzo(k)fluoranthene	0.11U	ug/L	3.9	0.11	1	11/12/11 01:00	11/12/11 17:58	207-08-9	L3
Benzyl alcohol	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 17:58	100-51-6	
4-Bromophenylphenyl ether	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:58	101-55-3	
Butylbenzylphthalate	1.9U	ug/L	4.8	1.9	1	11/12/11 01:00	11/12/11 17:58	85-68-7	
4-Chloro-3-methylphenol	2.4	ug/L	19.3	0.29	1	11/12/11 01:00	11/12/11 17:58	59-50-7	
4-Chloroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	106-47-8	
bis(2-Chloroethoxy)methane	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	111-91-1	
bis(2-Chloroethyl) ether	0.20U	ug/L	3.9	0.20	1	11/12/11 01:00	11/12/11 17:58	111-44-4	
bis(2-Chloroisopropyl) ether	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 17:58	108-60-1	
2-Chloronaphthalene	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 17:58	91-58-7	
2-Chlorophenol	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	95-57-8	
4-Chlorophenylphenyl ether	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:58	7005-72-3	
Chrysene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:58	218-01-9	
Diallylate	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 17:58	2303-16-4	
Dibenz(a,h)anthracene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:58	53-70-3	
Dibenzofuran	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	132-64-9	
1,2-Dichlorobenzene	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:58	95-50-1	
1,3-Dichlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 17:58	541-73-1	
1,4-Dichlorobenzene	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 17:58	106-46-7	
3,3'-Dichlorobenzidine	0.19U	ug/L	9.7	0.19	1	11/12/11 01:00	11/12/11 17:58	91-94-1	
2,4-Dichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 17:58	120-83-2	
2,6-Dichlorophenol	0.22U	ug/L	3.9	0.22	1	11/12/11 01:00	11/12/11 17:58	87-65-0	
Diethylphthalate	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	84-66-2	
P-Dimethylaminoazobenzene	0.29U	ug/L	4.8	0.29	1	11/12/11 01:00	11/12/11 17:58	60-11-7	
7,12-Dimethylbenz(a)anthracene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:58	57-97-6	
3,3'-Dimethylbenzidine	0.60U	ug/L	9.7	0.60	1	11/12/11 01:00	11/12/11 17:58	119-93-7	
2,4-Dimethylphenol	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 17:58	105-67-9	
a,a-Dimethylphenylethylamine	9.7U	ug/L	19.3	9.7	1	11/12/11 01:00	11/12/11 17:58	122-09-8	
Dimethylphthalate	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 17:58	131-11-3	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Di-n-butylphthalate	0.45 U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:58	84-74-2	
4,6-Dinitro-2-methylphenol	1.4U	ug/L	19.3	1.4	1	11/12/11 01:00	11/12/11 17:58	534-52-1	
1,3-Dinitrobenzene	0.31U	ug/L	7.7	0.31	1	11/12/11 01:00	11/12/11 17:58	99-65-0	
2,4-Dinitrophenol	1.1U	ug/L	19.3	1.1	1	11/12/11 01:00	11/12/11 17:58	51-28-5	
2,4-Dinitrotoluene	0.14U	ug/L	1.9	0.14	1	11/12/11 01:00	11/12/11 17:58	121-14-2	
2,6-Dinitrotoluene	0.21U	ug/L	1.9	0.21	1	11/12/11 01:00	11/12/11 17:58	606-20-2	
Di-n-octylphthalate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:58	117-84-0	
bis(2-Ethylhexyl)phthalate	0.94U	ug/L	4.8	0.94	1	11/12/11 01:00	11/12/11 17:58	117-81-7	
Ethyl methanesulfonate	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:58	62-50-0	
Fluoranthene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:58	206-44-0	
Fluorene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:58	86-73-7	
Hexachlorobenzene	0.18U	ug/L	0.97	0.18	1	11/12/11 01:00	11/12/11 17:58	118-74-1	
Hexachlorocyclopentadiene	1.1U	ug/L	4.8	1.1	1	11/12/11 01:00	11/12/11 17:58	77-47-4	
Hexachloroethane	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:58	67-72-1	
Hexachloropropene	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:58	1888-71-7	
Indeno(1,2,3-cd)pyrene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 17:58	193-39-5	
Isodrin	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 17:58	465-73-6	
Isophorone	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	78-59-1	
Isopropanol	0.15U	ug/L	4.8	0.15	1	11/12/11 01:00	11/12/11 17:58	120-58-1	
Isoprene	4.8U	ug/L	19.3	4.8	1	11/12/11 01:00	11/12/11 17:58	143-50-0	
Methapyrilene	0.51U	ug/L	4.8	0.51	1	11/12/11 01:00	11/12/11 17:58	91-80-5	
3-Methylcholanthrene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	56-49-5	
Methyl methanesulfonate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 17:58	66-27-3	
2-Methylnaphthalene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	91-57-6	
2-Methylphenol(o-Cresol)	1.2U	ug/L	4.8	1.2	1	11/12/11 01:00	11/12/11 17:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.15U	ug/L	9.7	0.15	1	11/12/11 01:00	11/12/11 17:58		
1-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 17:58	134-32-7	
2-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 17:58	91-59-8	
Naphthalene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	91-20-3	
1,4-Naphthoquinone	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 17:58	130-15-4	
2-Nitroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	88-74-4	
3-Nitroaniline	0.31U	ug/L	4.8	0.31	1	11/12/11 01:00	11/12/11 17:58	99-09-2	
4-Nitroaniline	1.8U	ug/L	3.9	1.8	1	11/12/11 01:00	11/12/11 17:58	100-01-6	
Nitrobenzene	0.40U	ug/L	3.9	0.40	1	11/12/11 01:00	11/12/11 17:58	98-95-3	
2-Nitrophenol	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 17:58	88-75-5	
4-Nitrophenol	0.75U	ug/L	19.3	0.75	1	11/12/11 01:00	11/12/11 17:58	100-02-7	
5-Nitro-o-toluidine	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	99-55-8	
N-Nitrosodiethylamine	0.21U	ug/L	3.9	0.21	1	11/12/11 01:00	11/12/11 17:58	55-18-5	
N-Nitrosodimethylamine	0.14U	ug/L	1.9	0.14	1	11/12/11 01:00	11/12/11 17:58	62-75-9	
N-Nitroso-di-n-butylamine	0.21U	ug/L	3.9	0.21	1	11/12/11 01:00	11/12/11 17:58	924-16-3	
N-Nitroso-di-n-propylamine	0.25U	ug/L	3.9	0.25	1	11/12/11 01:00	11/12/11 17:58	621-64-7	
N-Nitrosodiphenylamine	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:58	86-30-6	
N-Nitrosomethylethylamine	0.33U	ug/L	4.8	0.33	1	11/12/11 01:00	11/12/11 17:58	10595-95-6	
N-Nitrosopiperidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:58	100-75-4	
N-Nitrosopyrrolidine	0.21U	ug/L	4.8	0.21	1	11/12/11 01:00	11/12/11 17:58	930-55-2	
O,O,O-Triethylphosphorothioate	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 17:58	126-68-1	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

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DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorobenzene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	608-93-5	
Phenacetin	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	62-44-2	
Phenanthrene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 17:58	85-01-8	
Phenol	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 17:58	108-95-2	
p-Phenylenediamine	9.7U	ug/L	19.3	9.7	1	11/12/11 01:00	11/12/11 17:58	106-50-3	
Pronamide	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 17:58	23950-58-5	
Pyrene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 17:58	129-00-0	
Safrole	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 17:58	94-59-7	
1,2,4,5-Tetrachlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 17:58	95-94-3	
2,3,4,6-Tetrachlorophenol	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 17:58	58-90-2	
Thionazin	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 17:58	297-97-2	
O-Toluidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 17:58	95-53-4	
2,4,5-Trichlorophenol	0.16U	ug/L	3.9	0.16	1	11/12/11 01:00	11/12/11 17:58	95-95-4	
2,4,6-Trichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 17:58	88-06-2	
1,3,5-Trinitrobenzene	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 17:58	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	68 %		10-110		1	11/12/11 01:00	11/12/11 17:58	4165-60-0	
2-Fluorobiphenyl (S)	74 %		18-110		1	11/12/11 01:00	11/12/11 17:58	321-60-8	
Terphenyl-d14 (S)	76 %		10-123		1	11/12/11 01:00	11/12/11 17:58	1718-51-0	
Phenol-d6 (S)	12 %		10-110		1	11/12/11 01:00	11/12/11 17:58	13127-88-3	
2-Fluorophenol (S)	22 %		18-110		1	11/12/11 01:00	11/12/11 17:58	367-12-4	
2,4,6-Tribromophenol (S)	78 %		10-110		1	11/12/11 01:00	11/12/11 17:58	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/16/11 16:43	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	107-05-1	
Benzene	1.4	ug/L	1.0	0.50	1		11/16/11 16:43	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/16/11 16:43	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	56-23-5	
Chlorobenzene	4.0	ug/L	1.0	0.50	1		11/16/11 16:43	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 16:43	74-87-3	
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 16:43	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-71-8	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 16:43	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 16:43	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/16/11 16:43	78-83-1	
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 16:43	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 16:43	107-12-0	J(M1)
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 16:43	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 16:43	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 16:43	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/16/11 16:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		70-114		1		11/16/11 16:43	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/16/11 16:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/16/11 16:43	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/16/11 16:43	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	1940	mg/L	20.0	20.0	1		11/14/11 12:47		

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 Lab ID: 3542893006 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	1.0U	mg/L	1.0	1.0	1		11/11/11 08:30	18496-25-8	
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 17:18	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	63.2	mg/L	5.0	2.5	1		11/11/11 17:18	16887-00-6	
Sulfate	10.8	mg/L	5.0	2.5	1		11/11/11 17:18	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	1.8	mg/L	0.050	0.020	1		11/16/11 07:41	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.0015 I	mg/L	0.010	0.0010	1	11/21/11 06:38	11/22/11 07:02	57-12-5	V

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B43-1 DUP Lab ID: 3542893007 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.98	Std. Units			1		11/10/11 14:14		
Field Temperature	23.02	deg C			1		11/10/11 14:14		
Appearance	Color:	None,			1		11/10/11 14:14		
	Sheen:	None							
Field Specific Conductance	652	umhos/cm			1		11/10/11 14:14		
Oxygen, Dissolved	0.28	mg/L			1		11/10/11 14:14	7782-44-7	
REDOX	-24.9	mV			1		11/10/11 14:14		
Turbidity	5.36	NTU			1		11/10/11 14:14		
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	11/17/11 11:30	11/17/11 17:43	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	11/17/11 11:30	11/17/11 17:43	106-93-4	
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:33	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0096	0.00029	1	11/13/11 08:30	11/18/11 03:33	319-84-6	
BHC	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:33	319-85-7	
gamma-BHC	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 03:33	319-86-8	
gamma-BHC (Lindane)	0.00019U	ug/L	0.0096	0.00019	1	11/13/11 08:30	11/18/11 03:33	58-89-9	
Chlordane (Technical)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/18/11 03:33	57-74-9	
Chlorobenzilate	0.020U	ug/L	0.096	0.020	1	11/13/11 08:30	11/18/11 03:33	510-15-6	
4,4'-DDD	0.0018U	ug/L	0.0096	0.0018	1	11/13/11 08:30	11/18/11 03:33	72-54-8	
4,4'-DDE	0.00086U	ug/L	0.0096	0.00086	1	11/13/11 08:30	11/18/11 03:33	72-55-9	
4,4'-DDT	0.0035U	ug/L	0.0096	0.0035	1	11/13/11 08:30	11/18/11 03:33	50-29-3	
Dieldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:33	60-57-1	
Endosulfan I	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 03:33	959-98-8	
Endosulfan II	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 03:33	33213-65-9	
Endosulfan sulfate	0.00058U	ug/L	0.0096	0.00058	1	11/13/11 08:30	11/18/11 03:33	1031-07-8	
Endrin	0.0016U	ug/L	0.0096	0.0016	1	11/13/11 08:30	11/18/11 03:33	72-20-8	
Endrin aldehyde	0.0068U	ug/L	0.0096	0.0068	1	11/13/11 08:30	11/18/11 03:33	7421-93-4	
Heptachlor	0.0014U	ug/L	0.0096	0.0014	1	11/13/11 08:30	11/18/11 03:33	76-44-8	
Heptachlor epoxide	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 03:33	1024-57-3	
Methoxychlor	0.0067U	ug/L	0.0096	0.0067	1	11/13/11 08:30	11/18/11 03:33	72-43-5	
Pentachloronitrobenzene	0.014U	ug/L	0.096	0.014	1	11/13/11 08:30	11/18/11 03:33	82-68-8	
Toxaphene	0.27U	ug/L	0.48	0.27	1	11/13/11 08:30	11/18/11 03:33	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	76 %		66.5-120.3		1	11/13/11 08:30	11/18/11 03:33	877-09-8	
Decachlorobiphenyl (S)	34 %		41.7-109.1		1	11/13/11 08:30	11/18/11 03:33	2051-24-3	J(S1)
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/16/11 01:14	12674-11-2	
PCB-1221 (Aroclor 1221)	0.078U	ug/L	0.48	0.078	1	11/13/11 08:30	11/16/11 01:14	11104-28-2	
PCB-1232 (Aroclor 1232)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/16/11 01:14	11141-16-5	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: **B43-1 DUP** Lab ID: **3542893007** Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.48	0.12	1	11/13/11 08:30	11/16/11 01:14	53469-21-9	
PCB-1248 (Aroclor 1248)	0.26U	ug/L	0.48	0.26	1	11/13/11 08:30	11/16/11 01:14	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.48	0.14	1	11/13/11 08:30	11/16/11 01:14	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/16/11 01:14	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	51 %		48-111		1	11/13/11 08:30	11/16/11 01:14	877-09-8	
Decachlorobiphenyl (S)	33 %		63-121		1	11/13/11 08:30	11/16/11 01:14	2051-24-3	J(S0)
8141 GCS O/P Pesticides									
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Dimethoate	0.23U	ug/L	0.48	0.23	1	11/11/11 17:15	11/13/11 10:24	60-51-5	
Disulfoton	0.25U	ug/L	0.48	0.25	1	11/11/11 17:15	11/13/11 10:24	298-04-4	
Famphur	0.28U	ug/L	0.48	0.28	1	11/11/11 17:15	11/13/11 10:24	52-85-7	
Methyl parathion	0.26U	ug/L	0.48	0.26	1	11/11/11 17:15	11/13/11 10:24	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.96	0.45	1	11/11/11 17:15	11/13/11 10:24	56-38-2	
Phorate	0.40U	ug/L	0.96	0.40	1	11/11/11 17:15	11/13/11 10:24	298-02-2	
Surrogates									
4-Chloro3nitrobenzotrifluoride	93 %		34.2-122		1	11/11/11 17:15	11/13/11 10:24		
8151 Chlorinated Herbicides									
Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.21U	ug/L	0.90	0.21	1	11/14/11 16:45	11/15/11 21:23	94-75-7	
Dinoseb	0.055U	ug/L	0.18	0.055	1	11/14/11 16:45	11/15/11 21:23	88-85-7	
Pentachlorophenol	0.016U	ug/L	0.027	0.016	1	11/14/11 16:45	11/15/11 21:23	87-86-5	
2,4,5-T	0.040U	ug/L	0.18	0.040	1	11/14/11 16:45	11/15/11 21:23	93-76-5	
2,4,5-TP (Silvex)	0.047U	ug/L	0.18	0.047	1	11/14/11 16:45	11/15/11 21:23	93-72-1	
Surrogates									
2,4-DCAA (S)	92 %		42-142		1	11/14/11 16:45	11/15/11 21:23	19719-28-9	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:27	7440-38-2	
Barium	132	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:27	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:27	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:27	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:27	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:27	7440-48-4	
Copper	3.3 l	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:27	7440-50-8	
Iron	20200	ug/L	40.0	20.0	1	11/11/11 11:32	11/15/11 19:27	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:27	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:27	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/11/11 11:32	11/15/11 19:27	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:27	7440-22-4	
Sodium	85.9	mg/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:27	7440-23-5	
Tin	25.0U	ug/L	50.0	25.0	1	11/11/11 11:32	11/15/11 19:27	7440-31-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:27	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/11/11 11:32	11/15/11 19:27	7440-66-6	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 DUP Lab ID: 3542893007 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:34	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/14/11 12:34	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/11/11 00:30	11/11/11 10:55	7439-97-6	
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:16	83-32-9	
Acenaphthylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:16	208-96-8	
Acetophenone	1.5U	ug/L	4.8	1.5	1	11/12/11 01:00	11/12/11 18:16	98-86-2	
2-Acetylaminofluorene	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:16	53-96-3	
4-Aminobiphenyl	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 18:16	92-67-1	
Anthracene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:16	120-12-7	
Benzo(a)anthracene	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 18:16	56-55-3	
Benzo(a)pyrene	0.14U	ug/L	0.97	0.14	1	11/12/11 01:00	11/12/11 18:16	50-32-8	
Benzo(b)fluoranthene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 18:16	205-99-2	J(L2)
Benzo(g,h,i)perylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:16	191-24-2	
Benzo(k)fluoranthene	0.11U	ug/L	3.9	0.11	1	11/12/11 01:00	11/12/11 18:16	207-08-9	L3
Butyl alcohol	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 18:16	100-51-6	
4-Bromophenylphenyl ether	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:16	101-55-3	
Butylbenzylphthalate	1.9U	ug/L	4.8	1.9	1	11/12/11 01:00	11/12/11 18:16	85-68-7	
4-Chloro-3-methylphenol	2.2	ug/L	19.3	0.29	1	11/12/11 01:00	11/12/11 18:16	59-50-7	
4-Chloroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	106-47-8	
bis(2-Chloroethoxy)methane	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	111-91-1	
bis(2-Chloroethyl) ether	0.20U	ug/L	3.9	0.20	1	11/12/11 01:00	11/12/11 18:16	111-44-4	
bis(2-Chloroisopropyl) ether	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 18:16	108-60-1	
2-Chloronaphthalene	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 18:16	91-58-7	
2-Chlorophenol	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	95-57-8	
4-Chlorophenylphenyl ether	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 18:16	7005-72-3	
Chrysene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:16	218-01-9	
Diallyl ether	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 18:16	2303-16-4	
Dibenz(a,h)anthracene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 18:16	53-70-3	
Dibenzofuran	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	132-64-9	
1,2-Dichlorobenzene	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 18:16	95-50-1	
1,3-Dichlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 18:16	541-73-1	
1,4-Dichlorobenzene	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 18:16	106-46-7	
3,3'-Dichlorobenzidine	0.19U	ug/L	9.7	0.19	1	11/12/11 01:00	11/12/11 18:16	91-94-1	
2,4-Dichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 18:16	120-83-2	
2,6-Dichlorophenol	0.22U	ug/L	3.9	0.22	1	11/12/11 01:00	11/12/11 18:16	87-65-0	
Diethylphthalate	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	84-66-2	
P-Dimethylaminoazobenzene	0.29U	ug/L	4.8	0.29	1	11/12/11 01:00	11/12/11 18:16	60-11-7	
7,12-Dimethylbenz(a)anthracene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:16	57-97-6	
3,3'-Dimethylbenzidine	0.60U	ug/L	9.7	0.60	1	11/12/11 01:00	11/12/11 18:16	119-93-7	
2,4-Dimethylphenol	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 18:16	105-67-9	
a,a-Dimethylphenylethylamine	9.7U	ug/L	19.3	9.7	1	11/12/11 01:00	11/12/11 18:16	122-09-8	
Dimethylphthalate	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 18:16	131-11-3	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 DUP Lab ID: 3542893007 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Di-n-butylphthalate	0.27	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:16	84-74-2	
4,6-Dinitro-2-methylphenol	1.4U	ug/L	19.3	1.4	1	11/12/11 01:00	11/12/11 18:16	534-52-1	
1,3-Dinitrobenzene	0.31U	ug/L	7.7	0.31	1	11/12/11 01:00	11/12/11 18:16	99-65-0	
2,4-Dinitrophenol	1.1U	ug/L	19.3	1.1	1	11/12/11 01:00	11/12/11 18:16	51-28-5	
2,4-Dinitrotoluene	0.14U	ug/L	1.9	0.14	1	11/12/11 01:00	11/12/11 18:16	121-14-2	
2,6-Dinitrotoluene	0.21U	ug/L	1.9	0.21	1	11/12/11 01:00	11/12/11 18:16	606-20-2	
Di-n-octylphthalate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:16	117-84-0	
bis(2-Ethylhexyl)phthalate	0.94U	ug/L	4.8	0.94	1	11/12/11 01:00	11/12/11 18:16	117-81-7	
Ethyl methanesulfonate	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 18:16	62-50-0	
Fluoranthene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:16	206-44-0	
Fluorene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:16	86-73-7	
Hexachlorobenzene	0.18U	ug/L	0.97	0.18	1	11/12/11 01:00	11/12/11 18:16	118-74-1	
Hexachlorocyclopentadiene	1.1U	ug/L	4.8	1.1	1	11/12/11 01:00	11/12/11 18:16	77-47-4	
Hexachloroethane	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 18:16	67-72-1	
Hexachloropropene	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 18:16	1888-71-7	
Indeno(1,2,3-cd)pyrene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 18:16	193-39-5	
Isodrin	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 18:16	465-73-6	
Isophorone	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	78-59-1	
Isosafrole	0.15U	ug/L	4.8	0.15	1	11/12/11 01:00	11/12/11 18:16	120-58-1	
Kepone	4.8U	ug/L	19.3	4.8	1	11/12/11 01:00	11/12/11 18:16	143-50-0	
Methapyrilene	0.51U	ug/L	4.8	0.51	1	11/12/11 01:00	11/12/11 18:16	91-80-5	
3-Methylcholanthrene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	56-49-5	
Methyl methanesulfonate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:16	66-27-3	
2-Methylnaphthalene	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	91-57-6	
2-Methylphenol(o-Cresol)	1.2U	ug/L	4.8	1.2	1	11/12/11 01:00	11/12/11 18:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.15U	ug/L	9.7	0.15	1	11/12/11 01:00	11/12/11 18:16		
1-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 18:16	134-32-7	
2-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 18:16	91-59-8	
Naphthalene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	91-20-3	
1,4-Naphthoquinone	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 18:16	130-15-4	
2-Nitroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	88-74-4	
3-Nitroaniline	0.31U	ug/L	4.8	0.31	1	11/12/11 01:00	11/12/11 18:16	99-09-2	
4-Nitroaniline	1.8U	ug/L	3.9	1.8	1	11/12/11 01:00	11/12/11 18:16	100-01-6	
Nitrobenzene	0.40U	ug/L	3.9	0.40	1	11/12/11 01:00	11/12/11 18:16	98-95-3	
2-Nitrophenol	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 18:16	88-75-5	
4-Nitrophenol	0.75U	ug/L	19.3	0.75	1	11/12/11 01:00	11/12/11 18:16	100-02-7	
5-Nitro-o-toluidine	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	99-55-8	
N-Nitrosodiethylamine	0.21U	ug/L	3.9	0.21	1	11/12/11 01:00	11/12/11 18:16	55-18-5	
N-Nitrosodimethylamine	0.14U	ug/L	1.9	0.14	1	11/12/11 01:00	11/12/11 18:16	62-75-9	
N-Nitroso-di-n-butylamine	0.21U	ug/L	3.9	0.21	1	11/12/11 01:00	11/12/11 18:16	924-16-3	
N-Nitroso-di-n-propylamine	0.25U	ug/L	3.9	0.25	1	11/12/11 01:00	11/12/11 18:16	621-64-7	
N-Nitrosodiphenylamine	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:16	86-30-6	
N-Nitrosomethylethylamine	0.33U	ug/L	4.8	0.33	1	11/12/11 01:00	11/12/11 18:16	10595-95-6	
N-Nitrosopiperidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:16	100-75-4	
N-Nitrosopyrrolidine	0.21U	ug/L	4.8	0.21	1	11/12/11 01:00	11/12/11 18:16	930-55-2	
O,O,O-Triethylphosphorothioate	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 18:16	126-68-1	

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ANALYTICAL RESULTS

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DEP Central District

Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B43-1 DUP Lab ID: 3542893007 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorobenzene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	608-93-5	
Phenacetin	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	62-44-2	
Phenanthrene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:16	85-01-8	
Phenol	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:16	108-95-2	
p-Phenylenediamine	9.7U	ug/L	19.3	9.7	1	11/12/11 01:00	11/12/11 18:16	106-50-3	
Pronamide	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:16	23950-58-5	
Pyrene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:16	129-00-0	
Safrole	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 18:16	94-59-7	
1,2,4,5-Tetrachlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 18:16	95-94-3	
2,3,4,6-Tetrachlorophenol	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 18:16	58-90-2	
Thionazin	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 18:16	297-97-2	
O-Toluidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:16	95-53-4	
2,4,5-Trichlorophenol	0.16U	ug/L	3.9	0.16	1	11/12/11 01:00	11/12/11 18:16	95-95-4	
2,4,6-Trichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 18:16	88-06-2	
1,3,5-Trinitrobenzene	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 18:16	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	62 %		10-110		1	11/12/11 01:00	11/12/11 18:16	4165-60-0	
2-Fluorobiphenyl (S)	71 %		18-110		1	11/12/11 01:00	11/12/11 18:16	321-60-8	
Phenyl-d14 (S)	71 %		10-123		1	11/12/11 01:00	11/12/11 18:16	1718-51-0	
Phenol-d6 (S)	12 %		10-110		1	11/12/11 01:00	11/12/11 18:16	13127-88-3	
2-Fluorophenol (S)	19 %		18-110		1	11/12/11 01:00	11/12/11 18:16	367-12-4	
2,4,6-Tribromophenol (S)	67 %		10-110		1	11/12/11 01:00	11/12/11 18:16	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/16/11 17:08	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	107-05-1	
Benzene	1.4	ug/L	1.0	0.50	1		11/16/11 17:08	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/16/11 17:08	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	56-23-5	
Chlorobenzene	4.0	ug/L	1.0	0.50	1		11/16/11 17:08	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/16/11 17:08	74-87-3	
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/16/11 17:08	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-71-8	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 DUP Lab ID: 3542893007 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 17:08	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/16/11 17:08	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/16/11 17:08	78-83-1	
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/16/11 17:08	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/16/11 17:08	107-12-0	
Styrene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/16/11 17:08	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/16/11 17:08	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/16/11 17:08	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/16/11 17:08	75-01-4	
Xylene (Total)	0.54	ug/L	1.0	0.50	1		11/16/11 17:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-114		1		11/16/11 17:08	460-00-4	
Dibromofluoromethane (S)	101	%	88-117		1		11/16/11 17:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		11/16/11 17:08	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/16/11 17:08	2037-26-5	

2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	1670	mg/L	20.0	20.0	1		11/14/11 12:47		

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B43-1 DUP Lab ID: 3542893007 Collected: 11/10/11 14:14 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	1.0U	mg/L	1.0	1.0	1		11/11/11 08:30	18496-25-8	
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 17:30	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	63.6	mg/L	5.0	2.5	1		11/11/11 17:30	16887-00-6	
Sulfate	10.5	mg/L	5.0	2.5	1		11/11/11 17:30	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	1.8	mg/L	0.050	0.020	1		11/16/11 07:42	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.0012 I	mg/L	0.010	0.0010	1	11/21/11 06:38	11/22/11 07:03	57-12-5	V

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 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		11/10/11 15:24		
Field Temperature	22.94	deg C			1		11/10/11 15:24		
Appearance	Color:				1		11/10/11 15:24		
	Orange,								
	Sheen:								
	None								
Field Specific Conductance	2138	umhos/cm			1		11/10/11 15:24		
Oxygen, Dissolved	0.19	mg/L			1		11/10/11 15:24	7782-44-7	
REDOX	-66.5	mV			1		11/10/11 15:24		
Turbidity	1.61	NTU			1		11/10/11 15:24		
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	11/17/11 11:30	11/17/11 17:59	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 17:59	106-93-4	
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:54	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0096	0.00029	1	11/13/11 08:30	11/18/11 03:54	319-84-6	
beta-BHC	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:54	319-85-7	
delta-BHC	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 03:54	319-86-8	
gamma-BHC (Lindane)	0.00019U	ug/L	0.0096	0.00019	1	11/13/11 08:30	11/18/11 03:54	58-89-9	
Chlordane (Technical)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/18/11 03:54	57-74-9	
Chlorobenzilate	0.020U	ug/L	0.096	0.020	1	11/13/11 08:30	11/18/11 03:54	510-15-6	
4,4'-DDD	0.0018U	ug/L	0.0096	0.0018	1	11/13/11 08:30	11/18/11 03:54	72-54-8	
4,4'-DDE	0.00086U	ug/L	0.0096	0.00086	1	11/13/11 08:30	11/18/11 03:54	72-55-9	
4,4'-DDT	0.0035U	ug/L	0.0096	0.0035	1	11/13/11 08:30	11/18/11 03:54	50-29-3	
Dieldrin	0.00048U	ug/L	0.0096	0.00048	1	11/13/11 08:30	11/18/11 03:54	60-57-1	
Endosulfan I	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 03:54	959-98-8	
Endosulfan II	0.00067U	ug/L	0.0096	0.00067	1	11/13/11 08:30	11/18/11 03:54	33213-65-9	
Endosulfan sulfate	0.00058U	ug/L	0.0096	0.00058	1	11/13/11 08:30	11/18/11 03:54	1031-07-8	
Endrin	0.0016U	ug/L	0.0096	0.0016	1	11/13/11 08:30	11/18/11 03:54	72-20-8	
Endrin aldehyde	0.0068U	ug/L	0.0096	0.0068	1	11/13/11 08:30	11/18/11 03:54	7421-93-4	
Heptachlor	0.0014U	ug/L	0.0096	0.0014	1	11/13/11 08:30	11/18/11 03:54	76-44-8	
Heptachlor epoxide	0.00038U	ug/L	0.0096	0.00038	1	11/13/11 08:30	11/18/11 03:54	1024-57-3	
Methoxychlor	0.0067U	ug/L	0.0096	0.0067	1	11/13/11 08:30	11/18/11 03:54	72-43-5	
Pentachloronitrobenzene	0.014U	ug/L	0.096	0.014	1	11/13/11 08:30	11/18/11 03:54	82-68-8	
Toxaphene	0.27U	ug/L	0.48	0.27	1	11/13/11 08:30	11/18/11 03:54	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	58 %		66.5-120.3		1	11/13/11 08:30	11/18/11 03:54	877-09-8	J(S1)
Decachlorobiphenyl (S)	27 %		41.7-109.1		1	11/13/11 08:30	11/18/11 03:54	2051-24-3	J(S1)
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	0.077U	ug/L	0.48	0.077	1	11/13/11 08:30	11/16/11 11:05	12674-11-2	
PCB-1221 (Aroclor 1221)	0.078U	ug/L	0.48	0.078	1	11/13/11 08:30	11/16/11 11:05	11104-28-2	
PCB-1232 (Aroclor 1232)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/16/11 11:05	11141-16-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.48	0.12	1	11/13/11 08:30	11/16/11 11:05	53469-21-9	
PCB-1248 (Aroclor 1248)	0.26U	ug/L	0.48	0.26	1	11/13/11 08:30	11/16/11 11:05	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.48	0.14	1	11/13/11 08:30	11/16/11 11:05	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.48	0.11	1	11/13/11 08:30	11/16/11 11:05	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	60 %		48-111		1	11/13/11 08:30	11/16/11 11:05	877-09-8	
Decachlorobiphenyl (S)	28 %		63-121		1	11/13/11 08:30	11/16/11 11:05	2051-24-3	J(S0)
8141 GCS O/P Pesticides									
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Dimethoate	0.23U	ug/L	0.48	0.23	1	11/11/11 17:15	11/13/11 10:59	60-51-5	
Disulfoton	0.24U	ug/L	0.48	0.24	1	11/11/11 17:15	11/13/11 10:59	298-04-4	
Famphur	0.28U	ug/L	0.48	0.28	1	11/11/11 17:15	11/13/11 10:59	52-85-7	
Methyl parathion	0.26U	ug/L	0.48	0.26	1	11/11/11 17:15	11/13/11 10:59	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.96	0.45	1	11/11/11 17:15	11/13/11 10:59	56-38-2	
Phorate	0.40U	ug/L	0.96	0.40	1	11/11/11 17:15	11/13/11 10:59	298-02-2	
Surrogates									
4-Chloro3nitrobenzotrifluoride	63 %		34.2-122		1	11/11/11 17:15	11/13/11 10:59		
Chlorinated Herbicides									
Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.21U	ug/L	0.89	0.21	1	11/14/11 16:45	11/15/11 21:57	94-75-7	
Dinoseb	0.054U	ug/L	0.18	0.054	1	11/14/11 16:45	11/15/11 21:57	88-85-7	
Pentachlorophenol	0.016U	ug/L	0.027	0.016	1	11/14/11 16:45	11/15/11 21:57	87-86-5	
2,4,5-T	0.040U	ug/L	0.18	0.040	1	11/14/11 16:45	11/15/11 21:57	93-76-5	
2,4,5-TP (Silvex)	0.047U	ug/L	0.18	0.047	1	11/14/11 16:45	11/15/11 21:57	93-72-1	
Surrogates									
2,4-DCAA (S)	116 %		42-142		1	11/14/11 16:45	11/15/11 21:57	19719-28-9	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:31	7440-38-2	
Barium	288	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:31	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:31	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:31	7440-43-9	
Chromium	5.4	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:31	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:31	7440-48-4	
Copper	4.0	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:31	7440-50-8	
Iron	22500	ug/L	40.0	20.0	1	11/11/11 11:32	11/15/11 19:31	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:31	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:31	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/11/11 11:32	11/15/11 19:31	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/11/11 11:32	11/15/11 19:31	7440-22-4	
Sodium	168	mg/L	1.0	0.50	1	11/11/11 11:32	11/15/11 19:31	7440-23-5	
Tin	25.0U	ug/L	50.0	25.0	1	11/11/11 11:32	11/15/11 19:31	7440-31-5	
Vanadium	10.7	ug/L	10.0	5.0	1	11/11/11 11:32	11/15/11 19:31	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/11/11 11:32	11/15/11 19:31	7440-66-6	

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DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/16/11 09:07	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/11/11 11:32	11/16/11 09:07	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/11/11 00:30	11/11/11 10:58	7439-97-6	
8270 MSSV SemiVOA App. II									
Analytical Method: EPA 8270 Preparation Method: EPA 3510									
Acenaphthene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:33	83-32-9	
Acenaphthylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:33	208-96-8	
Acetophenone	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 18:33	98-86-2	
2-Acetylaminofluorene	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:33	53-96-3	
4-Aminobiphenyl	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 18:33	92-67-1	
Anthracene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:33	120-12-7	
Benzo(a)anthracene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:33	56-55-3	
Benzo(a)pyrene	0.13U	ug/L	0.95	0.13	1	11/12/11 01:00	11/12/11 18:33	50-32-8	
Benzo(b)fluoranthene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 18:33	205-99-2	J(L2)
Benzo(g,h,i)perylene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:33	191-24-2	
Benzo(k)fluoranthene	0.10U	ug/L	3.8	0.10	1	11/12/11 01:00	11/12/11 18:33	207-08-9	L3
Benzyl alcohol	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 18:33	100-51-6	
4-Bromophenylphenyl ether	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:33	101-55-3	
Butylbenzylphthalate	1.9U	ug/L	4.8	1.9	1	11/12/11 01:00	11/12/11 18:33	85-68-7	
4-Chloro-3-methylphenol	1.8U	ug/L	19.0	0.29	1	11/12/11 01:00	11/12/11 18:33	59-50-7	
4-Chloroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	106-47-8	
bis(2-Chloroethoxy)methane	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	111-91-1	
bis(2-Chloroethyl) ether	0.20U	ug/L	3.8	0.20	1	11/12/11 01:00	11/12/11 18:33	111-44-4	
bis(2-Chloroisopropyl) ether	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 18:33	108-60-1	
2-Chloronaphthalene	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 18:33	91-58-7	
2-Chlorophenol	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	95-57-8	
4-Chlorophenylphenyl ether	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 18:33	7005-72-3	
Chrysene	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:33	218-01-9	
Diallylate	0.20U	ug/L	4.8	0.20	1	11/12/11 01:00	11/12/11 18:33	2303-16-4	
Dibenz(a,h)anthracene	1.7U	ug/L	1.9	1.7	1	11/12/11 01:00	11/12/11 18:33	53-70-3	
Dibenzofuran	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	132-64-9	
1,2-Dichlorobenzene	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 18:33	95-50-1	
1,3-Dichlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 18:33	541-73-1	
1,4-Dichlorobenzene	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 18:33	106-46-7	
3,3'-Dichlorobenzidine	0.19U	ug/L	9.5	0.19	1	11/12/11 01:00	11/12/11 18:33	91-94-1	
2,4-Dichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 18:33	120-83-2	
2,6-Dichlorophenol	0.22U	ug/L	3.8	0.22	1	11/12/11 01:00	11/12/11 18:33	87-65-0	
Diethylphthalate	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	84-66-2	
P-Dimethylaminoazobenzene	0.29U	ug/L	4.8	0.29	1	11/12/11 01:00	11/12/11 18:33	60-11-7	
7,12-Dimethylbenz(a)anthracene	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 18:33	57-97-6	
3,3'-Dimethylbenzidine	0.59U	ug/L	9.5	0.59	1	11/12/11 01:00	11/12/11 18:33	119-93-7	
2,4-Dimethylphenol	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 18:33	105-67-9	
a,a-Dimethylphenylethylamine	9.5U	ug/L	19.0	9.5	1	11/12/11 01:00	11/12/11 18:33	122-09-8	
Dimethylphthalate	0.16U	ug/L	4.8	0.16	1	11/12/11 01:00	11/12/11 18:33	131-11-3	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Di-n-butylphthalate	0.53 U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:33	84-74-2	
4,6-Dinitro-2-methylphenol	1.4U	ug/L	19.0	1.4	1	11/12/11 01:00	11/12/11 18:33	534-52-1	
1,3-Dinitrobenzene	0.30U	ug/L	7.6	0.30	1	11/12/11 01:00	11/12/11 18:33	99-65-0	
2,4-Dinitrophenol	1.1U	ug/L	19.0	1.1	1	11/12/11 01:00	11/12/11 18:33	51-28-5	
2,4-Dinitrotoluene	0.13U	ug/L	1.9	0.13	1	11/12/11 01:00	11/12/11 18:33	121-14-2	
2,6-Dinitrotoluene	0.21U	ug/L	1.9	0.21	1	11/12/11 01:00	11/12/11 18:33	606-20-2	
Di-n-octylphthalate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:33	117-84-0	
bis(2-Ethylhexyl)phthalate	0.92U	ug/L	4.8	0.92	1	11/12/11 01:00	11/12/11 18:33	117-81-7	
Ethyl methanesulfonate	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 18:33	62-50-0	
Fluoranthene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:33	206-44-0	
Fluorene	1.7U	ug/L	4.8	1.7	1	11/12/11 01:00	11/12/11 18:33	86-73-7	
Hexachlorobenzene	0.18U	ug/L	0.95	0.18	1	11/12/11 01:00	11/12/11 18:33	118-74-1	
Hexachlorocyclopentadiene	1.0U	ug/L	4.8	1.0	1	11/12/11 01:00	11/12/11 18:33	77-47-4	
Hexachloroethane	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 18:33	67-72-1	
Hexachloropropene	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 18:33	1888-71-7	
Indeno(1,2,3-cd)pyrene	1.8U	ug/L	1.9	1.8	1	11/12/11 01:00	11/12/11 18:33	193-39-5	
Isodrin	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 18:33	465-73-6	
Isophorone	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	78-59-1	
Indole	0.14U	ug/L	4.8	0.14	1	11/12/11 01:00	11/12/11 18:33	120-58-1	
Phenone	4.8U	ug/L	19.0	4.8	1	11/12/11 01:00	11/12/11 18:33	143-50-0	
Methapyrilene	0.50U	ug/L	4.8	0.50	1	11/12/11 01:00	11/12/11 18:33	91-80-5	
3-Methylcholanthrene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	56-49-5	
Methyl methanesulfonate	0.17U	ug/L	4.8	0.17	1	11/12/11 01:00	11/12/11 18:33	66-27-3	
2-Methylnaphthalene	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	91-57-6	
2-Methylphenol(o-Cresol)	1.2U	ug/L	4.8	1.2	1	11/12/11 01:00	11/12/11 18:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.15U	ug/L	9.5	0.15	1	11/12/11 01:00	11/12/11 18:33		
1-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 18:33	134-32-7	
2-Naphthylamine	0.28U	ug/L	4.8	0.28	1	11/12/11 01:00	11/12/11 18:33	91-59-8	
Naphthalene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	91-20-3	
1,4-Naphthoquinone	1.8U	ug/L	4.8	1.8	1	11/12/11 01:00	11/12/11 18:33	130-15-4	
2-Nitroaniline	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	88-74-4	
3-Nitroaniline	0.30U	ug/L	4.8	0.30	1	11/12/11 01:00	11/12/11 18:33	99-09-2	
4-Nitroaniline	1.8U	ug/L	3.8	1.8	1	11/12/11 01:00	11/12/11 18:33	100-01-6	
Nitrobenzene	0.39U	ug/L	3.8	0.39	1	11/12/11 01:00	11/12/11 18:33	98-95-3	
2-Nitrophenol	0.23U	ug/L	4.8	0.23	1	11/12/11 01:00	11/12/11 18:33	88-75-5	
4-Nitrophenol	0.74U	ug/L	19.0	0.74	1	11/12/11 01:00	11/12/11 18:33	100-02-7	
5-Nitro-o-toluidine	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	99-55-8	
N-Nitrosodiethylamine	0.21U	ug/L	3.8	0.21	1	11/12/11 01:00	11/12/11 18:33	55-18-5	
N-Nitrosodimethylamine	0.13U	ug/L	1.9	0.13	1	11/12/11 01:00	11/12/11 18:33	62-75-9	
N-Nitroso-di-n-butylamine	0.21U	ug/L	3.8	0.21	1	11/12/11 01:00	11/12/11 18:33	924-16-3	
N-Nitroso-di-n-propylamine	0.25U	ug/L	3.8	0.25	1	11/12/11 01:00	11/12/11 18:33	621-64-7	
N-Nitrosodiphenylamine	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 18:33	86-30-6	
N-Nitrosomethylethylamine	0.32U	ug/L	4.8	0.32	1	11/12/11 01:00	11/12/11 18:33	10595-95-6	
N-Nitrosopiperidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:33	100-75-4	
N-Nitrosopyrrolidine	0.21U	ug/L	4.8	0.21	1	11/12/11 01:00	11/12/11 18:33	930-55-2	
O,O,O-Triethylphosphorothioate	0.25U	ug/L	4.8	0.25	1	11/12/11 01:00	11/12/11 18:33	126-68-1	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Pentachlorobenzene	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	608-93-5	
Phenacetin	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	62-44-2	
Phenanthrene	0.12U	ug/L	4.8	0.12	1	11/12/11 01:00	11/12/11 18:33	85-01-8	
Phenol	0.13U	ug/L	4.8	0.13	1	11/12/11 01:00	11/12/11 18:33	108-95-2	
p-Phenylenediamine	9.5U	ug/L	19.0	9.5	1	11/12/11 01:00	11/12/11 18:33	106-50-3	
Pronamide	0.19U	ug/L	4.8	0.19	1	11/12/11 01:00	11/12/11 18:33	23950-58-5	
Pyrene	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 18:33	129-00-0	
Safrole	0.22U	ug/L	4.8	0.22	1	11/12/11 01:00	11/12/11 18:33	94-59-7	
1,2,4,5-Tetrachlorobenzene	1.4U	ug/L	4.8	1.4	1	11/12/11 01:00	11/12/11 18:33	95-94-3	
2,3,4,6-Tetrachlorophenol	1.6U	ug/L	4.8	1.6	1	11/12/11 01:00	11/12/11 18:33	58-90-2	
Thionazin	0.26U	ug/L	4.8	0.26	1	11/12/11 01:00	11/12/11 18:33	297-97-2	
O-Toluidine	0.24U	ug/L	4.8	0.24	1	11/12/11 01:00	11/12/11 18:33	95-53-4	
2,4,5-Trichlorophenol	0.16U	ug/L	3.8	0.16	1	11/12/11 01:00	11/12/11 18:33	95-95-4	
2,4,6-Trichlorophenol	0.18U	ug/L	1.9	0.18	1	11/12/11 01:00	11/12/11 18:33	88-06-2	
1,3,5-Trinitrobenzene	0.18U	ug/L	4.8	0.18	1	11/12/11 01:00	11/12/11 18:33	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	55 %		10-110		1	11/12/11 01:00	11/12/11 18:33	4165-60-0	
2-Fluorobiphenyl (S)	57 %		18-110		1	11/12/11 01:00	11/12/11 18:33	321-60-8	
Terphenyl-d14 (S)	64 %		10-123		1	11/12/11 01:00	11/12/11 18:33	1718-51-0	
Phenol-d6 (S)	13 %		10-110		1	11/12/11 01:00	11/12/11 18:33	13127-88-3	
2-Fluorophenol (S)	20 %		18-110		1	11/12/11 01:00	11/12/11 18:33	367-12-4	
2,4,6-Tribromophenol (S)	62 %		10-110		1	11/12/11 01:00	11/12/11 18:33	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/17/11 06:29	107-02-8	L3
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	107-05-1	
Benzene	2.1	ug/L	1.0	0.50	1		11/17/11 06:29	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 06:29	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	56-23-5	
Chlorobenzene	4.5	ug/L	1.0	0.50	1		11/17/11 06:29	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 06:29	74-87-3	L3
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 06:29	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-71-8	

ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF

Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 06:29	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 06:29	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/17/11 06:29	78-83-1	L3
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	126-98-7	
o-Xylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 06:29	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 06:29	107-12-0	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 06:29	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 06:29	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 06:29	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 06:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96 %		70-114		1		11/17/11 06:29	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/17/11 06:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/17/11 06:29	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 06:29	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	2560	mg/L	20.0	20.0	1		11/14/11 12:48		

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: B41-1 Lab ID: 3542893008 Collected: 11/10/11 15:24 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	4.2	mg/L	1.0	1.0	1		11/11/11 08:30	18496-25-8	
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/11/11 17:42	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	195	mg/L	10.0	5.0	2		11/11/11 17:42	16887-00-6	
Sulfate	10.8	mg/L	10.0	5.0	2		11/11/11 17:42	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	82.7	mg/L	0.50	0.20	10		11/16/11 08:33	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.0031	mg/L	0.010	0.0010	1	11/21/11 06:38	11/22/11 07:04	57-12-5	V

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ANALYTICAL RESULTS

Project: Tornoka Semi-annual LF
Pace Project No.: 3542893

Sample: Trip Blank (11/10/11) Lab ID: 3542893009 Collected: 11/10/11 08:00 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/17/11 01:10	107-02-8	L3
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	107-05-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 01:10	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 01:10	74-87-3	L3
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	126-99-8	
1,1-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/17/11 01:10	96-12-8	
Bromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 01:10	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-71-8	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 01:10	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 01:10	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/17/11 01:10	78-83-1	L3
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 01:10	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 01:10	107-12-0	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Sample: Trip Blank (11/10/11) Lab ID: 3542893009 Collected: 11/10/11 08:00 Received: 11/10/11 16:30 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 01:10	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 01:10	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 01:10	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 01:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/17/11 01:10	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/17/11 01:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/17/11 01:10	17060-07-0	
Toluene-d8 (S)	103 %		87-113		1		11/17/11 01:10	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: MERP/2256 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289131 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/11/11 09:43	

LABORATORY CONTROL SAMPLE: 289132

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: 289133 289134

Parameter	Units	3542834002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Mercury	ug/L	0.100U	2	2	1.9	1.9	94	97	80-120	4	20

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: MPRP/6411 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289363 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/15/11 18:38	
Barium	ug/L	5.0U	10.0	11/15/11 18:38	
Beryllium	ug/L	0.50U	1.0	11/15/11 18:38	
Cadmium	ug/L	0.50U	1.0	11/15/11 18:38	
Chromium	ug/L	2.5U	5.0	11/15/11 18:38	
Cobalt	ug/L	5.0U	10.0	11/15/11 18:38	
Copper	ug/L	2.5U	5.0	11/15/11 18:38	
Iron	ug/L	20.0U	40.0	11/15/11 18:38	
Lead	ug/L	5.0U	10.0	11/15/11 18:38	
Nickel	ug/L	2.5U	5.0	11/15/11 18:38	
Selenium	ug/L	7.5U	15.0	11/15/11 18:38	
Silver	ug/L	2.5U	5.0	11/15/11 18:38	
Sodium	mg/L	0.50U	1.0	11/15/11 18:38	
Tin	ug/L	25.0U	50.0	11/15/11 18:38	
Vanadium	ug/L	5.0U	10.0	11/15/11 18:38	
Zinc	ug/L	10.0U	20.0	11/15/11 18:38	

LABORATORY CONTROL SAMPLE: 289364

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	246	98	80-120	
Barium	ug/L	250	255	102	80-120	
Beryllium	ug/L	25	24.9	100	80-120	
Cadmium	ug/L	25	25.8	103	80-120	
Chromium	ug/L	250	259	104	80-120	
Cobalt	ug/L	250	263	105	80-120	
Copper	ug/L	250	266	106	80-120	
Iron	ug/L	2500	2650	106	80-120	
Lead	ug/L	250	245	98	80-120	
Nickel	ug/L	250	264	106	80-120	
Selenium	ug/L	250	255	102	80-120	
Silver	ug/L	25	24.9	99	80-120	
Sodium	mg/L	12.5	13.5	108	80-120	
Tin	ug/L	1250	1290	103	80-120	
Vanadium	ug/L	250	257	103	80-120	
Zinc	ug/L	1250	1280	102	80-120	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Parameter	Units	289445		289446		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		3542893004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Arsenic	ug/L	5.0U	250	250	247	246	99	98	75-125	.5	20		
Barium	ug/L	154	250	250	409	418	102	106	75-125	2	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	24.0	23.7	96	95	75-125	1	20		
Chromium	ug/L	2.5U	250	250	250	252	100	101	75-125	.6	20		
Cobalt	ug/L	5.0U	250	250	252	250	101	100	75-125	.6	20		
Copper	ug/L	5.5	250	250	270	275	106	108	75-125	2	20		
Iron	ug/L	48200	2500	2500	50000	51300	70	123	75-125	3	20	J(M1)	
Lead	ug/L	5.0U	250	250	243	241	97	96	75-125	1	20		
Nickel	ug/L	2.5U	250	250	248	246	99	98	75-125	1	20		
Selenium	ug/L	7.5U	250	250	244	242	97	96	75-125	.9	20		
Silver	ug/L	2.5U	25	25	15.6	15.3	62	61	75-125	2	20	J(M1)	
Sodium	mg/L	207	12.5	12.5	218	224	91	135	75-125	2	20	J(M1)	
Tin	ug/L	25.0U	1250	1250	1220	1210	97	96	75-125	.8	20		
Vanadium	ug/L	5.0U	250	250	253	256	100	101	75-125	.9	20		
Zinc	ug/L	10.0U	1250	1250	1250	1240	100	99	75-125	.6	20		

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: MPRP/6412 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289367 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/16/11 08:53	
Thallium	ug/L	0.50U	1.0	11/16/11 08:53	

LABORATORY CONTROL SAMPLE: 289368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.2	94	90-110	
Thallium	ug/L	50	48.1	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289525 289526

Parameter	Units	3542893002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	QL
Antimony	ug/L		50	50	45.1	46.0	89	91	70-130	2	20	
Thallium	ug/L		50	50	53.3	54.1	107	108	70-130	1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: MSV/4135 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3542893001, 3542893003, 3542893004

METHOD BLANK: 291145 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/15/11 20:47	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
1,1-Dichloropropene	ug/L	0.50U	1.0	11/15/11 20:47	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/15/11 20:47	
1,2,4-Trichlorobenzene	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 20:47	
1,3-Dichloropropane	ug/L	0.50U	1.0	11/15/11 20:47	
2,2-Dichloropropane	ug/L	0.50U	1.0	11/15/11 20:47	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/15/11 20:47	
Hexanone	ug/L	5.0U	10.0	11/15/11 20:47	
Ethyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/15/11 20:47	
Acetone	ug/L	5.0U	10.0	11/15/11 20:47	
Acetonitrile	ug/L	5.0U	10.0	11/15/11 20:47	
Acrolein	ug/L	10.0U	20.0	11/15/11 20:47	
Acrylonitrile	ug/L	5.0U	10.0	11/15/11 20:47	
Allyl chloride	ug/L	0.50U	1.0	11/15/11 20:47	
Benzene	ug/L	0.50U	1.0	11/15/11 20:47	
Bromochloromethane	ug/L	0.50U	1.0	11/15/11 20:47	
Bromodichloromethane	ug/L	0.27U	0.60	11/15/11 20:47	
Bromofom	ug/L	0.50U	1.0	11/15/11 20:47	
Bromomethane	ug/L	0.50U	1.0	11/15/11 20:47	
Carbon disulfide	ug/L	5.0U	10.0	11/15/11 20:47	
Carbon tetrachloride	ug/L	0.50U	1.0	11/15/11 20:47	
Chlorobenzene	ug/L	0.50U	1.0	11/15/11 20:47	
Chloroethane	ug/L	0.50U	1.0	11/15/11 20:47	
Chloroform	ug/L	0.50U	1.0	11/15/11 20:47	
Chloromethane	ug/L	0.62U	1.0	11/15/11 20:47	
Chloroprene	ug/L	0.50U	1.0	11/15/11 20:47	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 20:47	
Dibromochloromethane	ug/L	0.26U	0.50	11/15/11 20:47	
Dibromomethane	ug/L	0.50U	1.0	11/15/11 20:47	
Dichlorodifluoromethane	ug/L	0.50U	1.0	11/15/11 20:47	
Ethyl methacrylate	ug/L	0.50U	1.0	11/15/11 20:47	
Ethylbenzene	ug/L	0.50U	1.0	11/15/11 20:47	
Hexachloro-1,3-butadiene	ug/L	0.50U	1.0	11/15/11 20:47	
Iodomethane	ug/L	0.50U	1.0	11/15/11 20:47	
Isobutyl Alcohol	ug/L	10.0U	20.0	11/15/11 20:47	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

METHOD BLANK: 291145 Matrix: Water

Associated Lab Samples: 3542893001, 3542893003, 3542893004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methacrylonitrile	ug/L	5.0U	10.0	11/15/11 20:47	
Methyl methacrylate	ug/L	5.0U	10.0	11/15/11 20:47	
Methylene Chloride	ug/L	2.5U	5.0	11/15/11 20:47	
Propionitrile	ug/L	5.0U	10.0	11/15/11 20:47	
Styrene	ug/L	0.50U	1.0	11/15/11 20:47	
Tetrachloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
Toluene	ug/L	0.50U	1.0	11/15/11 20:47	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/15/11 20:47	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/15/11 20:47	
Trichloroethene	ug/L	0.50U	1.0	11/15/11 20:47	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/15/11 20:47	
Vinyl acetate	ug/L	1.0U	2.0	11/15/11 20:47	
Vinyl chloride	ug/L	0.50U	1.0	11/15/11 20:47	
Xylene (Total)	ug/L	0.50U	1.0	11/15/11 20:47	
1,2-Dichloroethane-d4 (S)	%	107	86-125	11/15/11 20:47	
4-Bromofluorobenzene (S)	%	91	70-114	11/15/11 20:47	
Dibromofluoromethane (S)	%	105	88-117	11/15/11 20:47	
Toluene-d8 (S)	%	100	87-113	11/15/11 20:47	

LABORATORY CONTROL SAMPLE: 291146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.4	97	70-130	
1,1,1-Trichloroethane	ug/L	20	20.0	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	22.9	114	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	22.9	114	70-130	
1,1-Dichloroethene	ug/L	20	22.3	112	70-130	
1,1-Dichloropropene	ug/L	20	19.3	96	70-130	
1,2,3-Trichloropropane	ug/L	20	16.7	84	70-130	
1,2,4-Trichlorobenzene	ug/L	20	19.8	99	70-130	
1,2-Dichloroethane	ug/L	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	20	21.6	108	70-130	
1,3-Dichloropropane	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	20.0	100	70-131	
2-Butanone (MEK)	ug/L	20	26.8	134	55-167	
2-Hexanone	ug/L	20	23.1	115	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	22.9	115	70-130	
Acetone	ug/L	20	24.6	123	40-150	
Acetonitrile	ug/L	200	270	135	63-138	
Acrolein	ug/L	200	231	116	44-170	
Acrylonitrile	ug/L	200	253	126	70-130	
Allyl chloride	ug/L	20	21.4	107	70-130	
Benzene	ug/L	20	20.8	104	70-130	

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

LABORATORY CONTROL SAMPLE: 291146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromochloromethane	ug/L	20	21.3	106	70-130	
Bromodichloromethane	ug/L	20	20.7	103	70-130	
Bromoform	ug/L	20	17.5	88	68-130	
Bromomethane	ug/L	20	29.2	146	38-179	
Carbon disulfide	ug/L	20	16.2	81	51-155	
Carbon tetrachloride	ug/L	20	20.2	101	70-130	
Chlorobenzene	ug/L	20	19.4	97	70-130	
Chloroethane	ug/L	20	25.2	126	59-149	
Chloroform	ug/L	20	19.4	97	70-130	
Chloromethane	ug/L	20	27.7	138	68-130 J(L0)	
Chloroprene	ug/L	20	17.5	87	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.7	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
Dibromochloromethane	ug/L	20	17.7	88	70-130	
Dibromomethane	ug/L	20	19.4	97	70-130	
Dichlorodifluoromethane	ug/L	20	25.9	130	67-130	
Ethyl methacrylate	ug/L	20	22.1	110	70-130	
Ethylbenzene	ug/L	20	19.9	100	70-130	
Hexachloro-1,3-butadiene	ug/L	20	18.2	91	70-130	
Iodomethane	ug/L	20	20.8	104	43-160	
n-Butyl Alcohol	ug/L	400	569	142	66-135 J(L0)	
Methacrylonitrile	ug/L	200	245	122	70-130	
Methyl methacrylate	ug/L	20	21.5	107	70-130	
Methylene Chloride	ug/L	20	23.1	115	70-130	
Propionitrile	ug/L	200	243	121	70-130	
Styrene	ug/L	20	19.8	99	70-130	
Tetrachloroethene	ug/L	20	18.5	92	66-133	
Toluene	ug/L	20	19.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.3	107	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.5	93	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.0	85	65-130	
Trichloroethene	ug/L	20	21.3	107	70-130	
Trichlorofluoromethane	ug/L	20	20.3	102	70-131	
Vinyl acetate	ug/L	20	19.6	98	69-135	
Vinyl chloride	ug/L	20	23.3	116	69-140	
Xylene (Total)	ug/L	60	59.3	99	70-130	
1,2-Dichloroethane-d4 (S)	%			95	86-125	
4-Bromofluorobenzene (S)	%			92	70-114	
Dibromofluoromethane (S)	%			102	88-117	
Toluene-d8 (S)	%			103	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291250 291251

Parameter	Units	3542752014		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	18.5	20.1	92	100	39-130	8	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	19.4	21.9	97	109	47-141	12	40	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		291250		291251									
Parameter	Units	3542752014	MS Spike	MSD Spike	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec					
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	22.1	23.6	110	118	49-131	7	40		
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20.8	22.5	104	113	50-130	8	40		
1,1-Dichloroethane	ug/L	0.50U	20	20	22.8	25.1	114	125	54-137	10	40		
1,1-Dichloroethene	ug/L	0.50U	20	20	22.0	23.9	110	120	45-155	8	40		
1,1-Dichloropropene	ug/L	0.50U	20	20	19.6	21.2	98	106	61-141	8	40		
1,2,3-Trichloropropane	ug/L	0.36U	20	20	16.2	17.2	81	86	31-132	6	40		
1,2,4-Trichlorobenzene	ug/L	0.50U	20	20	17.5	19.0	87	95	34-138	9	40		
1,2-Dichloroethane	ug/L	0.50U	20	20	19.8	21.5	99	108	54-130	8	40		
1,2-Dichloropropane	ug/L	0.50U	20	20	21.0	23.3	105	116	53-130	10	40		
1,3-Dichloropropane	ug/L	0.50U	20	20	19.3	21.0	96	105	59-127	8	40		
2,2-Dichloropropane	ug/L	0.50U	20	20	15.2	16.6	76	83	24-133	9	40		
2-Butanone (MEK)	ug/L	5.0U	20	20	26.8	24.0	134	120	48-138	11	40		
2-Hexanone	ug/L	5.0U	20	20	27.5	24.2	137	121	38-130	13	40	J(M1)	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	26.6	24.5	133	122	28-143	8	40		
Acetone	ug/L	5.0U	20	20	25.5	22.9	127	114	20-140	11	40		
Acetonitrile	ug/L	5.0U	200	200	276	237	138	119	44-138	15	40		
Acrolein	ug/L	10.0U	200	200	181	175	90	88	20-159	3	40		
Acrylonitrile	ug/L	5.0U	200	200	267	259	134	129	46-130	3	40	J(M1)	
Allyl chloride	ug/L	0.50U	20	20	25.2	23.8	126	119	53-148	6	40		
Benzene	ug/L	0.50U	20	20	20.5	22.9	102	115	53-132	11	40		
Bromochloromethane	ug/L	0.50U	20	20	19.4	21.5	97	108	54-132	10	40		
Bromodichloromethane	ug/L	0.27U	20	20	19.0	21.7	95	108	46-130	13	40		
Bromoform	ug/L	0.50U	20	20	15.9	17.1	80	86	32-130	7	40		
Bromomethane	ug/L	0.50U	20	20	20.0	23.4	100	117	20-152	15	40		
Carbon disulfide	ug/L	5.0U	20	20	21.5	21.5	106	106	28-184	007	40		
Carbon tetrachloride	ug/L	0.50U	20	20	19.7	22.0	99	110	37-137	11	40		
Chlorobenzene	ug/L	0.50U	20	20	19.6	21.0	98	105	46-130	7	40		
Chloroethane	ug/L	0.50U	20	20	24.7	31.9	123	160	48-159	25	40	J(M1)	
Chloroform	ug/L	0.50U	20	20	20.4	21.9	102	110	51-130	7	40		
Chloromethane	ug/L	0.62U	20	20	27.8	31.9	139	160	39-144	14	40	J(M0)	
Chloroprene	ug/L	0.50U	20	20	20.3	19.7	102	98	39-157	3	40		
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.1	21.5	95	108	54-130	12	40		
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	16.1	18.4	81	92	45-130	13	40		
Dibromochloromethane	ug/L	0.26U	20	20	16.8	18.3	84	92	43-130	9	40		
Dibromomethane	ug/L	0.50U	20	20	17.6	20.4	88	102	50-130	15	40		
Dichlorodifluoromethane	ug/L	0.50U	20	20	21.8	29.8	109	149	38-151	31	40		
Ethyl methacrylate	ug/L	0.50U	20	20	25.3	23.6	126	118	45-132	7	40		
Ethylbenzene	ug/L	0.50U	20	20	19.9	21.9	99	109	43-130	10	40		
Hexachloro-1,3-butadiene	ug/L	0.50U	20	20	15.8	17.6	79	88	35-136	11	40		
Iodomethane	ug/L	0.50U	20	20	16.6	17.9	83	90	20-169	8	40		
Isobutyl Alcohol	ug/L	10.0U	400	400	565	524	141	131	20-175	7	40		
Methacrylonitrile	ug/L	5.0U	200	200	273	255	137	128	50-149	7	40		
Methyl methacrylate	ug/L	5.0U	20	20	23.2	22.9	116	114	48-130	1	40		
Methylene Chloride	ug/L	2.5U	20	20	21.7	25.2	108	125	51-135	15	40		
Propionitrile	ug/L	5.0U	200	200	240	243	120	122	54-130	1	40		
Styrene	ug/L	0.50U	20	20	18.6	20.3	93	102	40-130	9	40		
Tetrachloroethene	ug/L	0.50U	20	20	17.5	18.5	88	92	26-130	5	40		

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Parameter	Units	3542752014		291250		291251		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Toluene	ug/L	0.50U	20	20	19.4	20.9	97	105	50-130	7	40		
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.0	23.7	110	118	48-142	7	40		
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	16.9	17.9	85	89	45-130	5	40		
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	12.5	12.6	63	63	20-139	.5	40		
Trichloroethene	ug/L	0.50U	20	20	20.7	22.4	103	112	42-133	8	40		
Trichlorofluoromethane	ug/L	0.50U	20	20	20.9	21.1	104	105	46-146	1	40		
Vinyl acetate	ug/L	1.0U	20	20	21.8	11.4	109	57	20-165	63	40	J(D6)	
Vinyl chloride	ug/L	0.50U	20	20	24.5	26.8	122	134	57-142	9	40		
Xylene (Total)	ug/L	0.50U	60	60	58.3	62.8	97	105	42-130	7	40		
1,2-Dichloroethane-d4 (S)	%						95	93	86-125				
4-Bromofluorobenzene (S)	%						93	92	70-114				
Dibromofluoromethane (S)	%						99	100	88-117				
Toluene-d8 (S)	%						101	101	87-113				

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: MSV/4140 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3542893006, 3542893007

METHOD BLANK: 291979 Matrix: Water
Associated Lab Samples: 3542893006, 3542893007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/16/11 08:49	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/16/11 08:49	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/16/11 08:49	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/16/11 08:49	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/16/11 08:49	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/16/11 08:49	
1,1-Dichloropropene	ug/L	0.50U	1.0	11/16/11 08:49	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/16/11 08:49	
1,2,4-Trichlorobenzene	ug/L	0.50U	1.0	11/16/11 08:49	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/16/11 08:49	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/16/11 08:49	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/16/11 08:49	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/16/11 08:49	
1,3-Dichloropropane	ug/L	0.50U	1.0	11/16/11 08:49	
2,2-Dichloropropane	ug/L	0.50U	1.0	11/16/11 08:49	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/16/11 08:49	
2-Hexanone	ug/L	5.0U	10.0	11/16/11 08:49	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/16/11 08:49	
Acetone	ug/L	5.0U	10.0	11/16/11 08:49	
Acetonitrile	ug/L	5.0U	10.0	11/16/11 08:49	
Acrolein	ug/L	10.0U	20.0	11/16/11 08:49	
Acrylonitrile	ug/L	5.0U	10.0	11/16/11 08:49	
Allyl chloride	ug/L	0.50U	1.0	11/16/11 08:49	
Benzene	ug/L	0.50U	1.0	11/16/11 08:49	
Bromochloromethane	ug/L	0.50U	1.0	11/16/11 08:49	
Bromodichloromethane	ug/L	0.27U	0.60	11/16/11 08:49	
Bromoform	ug/L	0.50U	1.0	11/16/11 08:49	
Bromomethane	ug/L	0.50U	1.0	11/16/11 08:49	
Carbon disulfide	ug/L	5.0U	10.0	11/16/11 08:49	
Carbon tetrachloride	ug/L	0.50U	1.0	11/16/11 08:49	
Chlorobenzene	ug/L	0.50U	1.0	11/16/11 08:49	
Chloroethane	ug/L	0.50U	1.0	11/16/11 08:49	
Chloroform	ug/L	0.50U	1.0	11/16/11 08:49	
Chloromethane	ug/L	0.62U	1.0	11/16/11 08:49	
Chloroprene	ug/L	0.50U	1.0	11/16/11 08:49	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/16/11 08:49	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/16/11 08:49	
Dibromochloromethane	ug/L	0.26U	0.50	11/16/11 08:49	
Dibromomethane	ug/L	0.50U	1.0	11/16/11 08:49	
Dichlorodifluoromethane	ug/L	0.50U	1.0	11/16/11 08:49	
Ethyl methacrylate	ug/L	0.50U	1.0	11/16/11 08:49	
Ethylbenzene	ug/L	0.50U	1.0	11/16/11 08:49	
Hexachloro-1,3-butadiene	ug/L	0.50U	1.0	11/16/11 08:49	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

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DEP Central District

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

METHOD BLANK: 291979 Matrix: Water

Associated Lab Samples: 3542893006, 3542893007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iodomethane	ug/L	0.50U	1.0	11/16/11 08:49	
Isobutyl Alcohol	ug/L	10.0U	20.0	11/16/11 08:49	
Methacrylonitrile	ug/L	5.0U	10.0	11/16/11 08:49	
Methyl methacrylate	ug/L	5.0U	10.0	11/16/11 08:49	
Methylene Chloride	ug/L	2.5U	5.0	11/16/11 08:49	
Propionitrile	ug/L	5.0U	10.0	11/16/11 08:49	
Styrene	ug/L	0.50U	1.0	11/16/11 08:49	
Tetrachloroethene	ug/L	0.50U	1.0	11/16/11 08:49	
Toluene	ug/L	0.50U	1.0	11/16/11 08:49	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/16/11 08:49	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/16/11 08:49	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/16/11 08:49	
Trichloroethene	ug/L	0.50U	1.0	11/16/11 08:49	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/16/11 08:49	
Vinyl acetate	ug/L	1.0U	2.0	11/16/11 08:49	
Vinyl chloride	ug/L	0.50U	1.0	11/16/11 08:49	
Xylene (Total)	ug/L	0.50U	1.0	11/16/11 08:49	
1,2-Dichloroethane-d4 (S)	%	100	86-125	11/16/11 08:49	
Bromofluorobenzene (S)	%	101	70-114	11/16/11 08:49	
Bromofluoromethane (S)	%	102	88-117	11/16/11 08:49	
Toluene-d8 (S)	%	99	87-113	11/16/11 08:49	

LABORATORY CONTROL SAMPLE: 291980

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.1	111	70-130	
1,1,1-Trichloroethane	ug/L	20	23.5	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.5	108	70-130	
1,1,2-Trichloroethane	ug/L	20	21.9	109	70-130	
1,1-Dichloroethane	ug/L	20	22.6	113	70-130	
1,1-Dichloroethene	ug/L	20	22.2	111	70-130	
1,1-Dichloropropene	ug/L	20	22.4	112	70-130	
1,2,3-Trichloropropane	ug/L	20	19.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	20	22.7	113	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	23.8	119	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.3	106	70-130	
1,2-Dichloroethane	ug/L	20	24.0	120	70-130	
1,2-Dichloropropane	ug/L	20	22.8	114	70-130	
1,3-Dichloropropane	ug/L	20	21.8	109	70-130	
2,2-Dichloropropane	ug/L	20	22.8	114	70-131	
2-Butanone (MEK)	ug/L	20	21.7	109	55-167	
2-Hexanone	ug/L	20	21.7	109	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	21.2	106	70-130	
Acetone	ug/L	20	20.7	104	40-150	
Acetonitrile	ug/L	200	204	102	63-138	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

LABORATORY CONTROL SAMPLE: 291980

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acrolein	ug/L	200	224	112	44-170	
Acrylonitrile	ug/L	200	225	113	70-130	
Allyl chloride	ug/L	20	20.9	104	70-130	
Benzene	ug/L	20	23.4	117	70-130	
Bromochloromethane	ug/L	20	23.4	117	70-130	
Bromodichloromethane	ug/L	20	22.1	110	70-130	
Bromoform	ug/L	20	23.5	117	68-130	
Bromomethane	ug/L	20	23.8	119	38-179	
Carbon disulfide	ug/L	20	18.8	94	51-155	
Carbon tetrachloride	ug/L	20	23.1	116	70-130	
Chlorobenzene	ug/L	20	22.9	115	70-130	
Chloroethane	ug/L	20	25.3	126	59-149	
Chloroform	ug/L	20	21.9	110	70-130	
Chloromethane	ug/L	20	23.6	118	68-130	
Chloroprene	ug/L	20	18.4	92	70-130	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	22.5	112	70-130	
Dibromochloromethane	ug/L	20	22.2	111	70-130	
Dibromomethane	ug/L	20	23.6	118	70-130	
Dichlorodifluoromethane	ug/L	20	24.4	122	67-130	
Ethyl methacrylate	ug/L	20	22.7	113	70-130	
Ethylbenzene	ug/L	20	22.9	114	70-130	
Hexachloro-1,3-butadiene	ug/L	20	21.3	106	70-130	
Iodomethane	ug/L	20	22.4	112	43-160	
Isobutyl Alcohol	ug/L	400	434	109	66-135	
Methacrylonitrile	ug/L	200	228	114	70-130	
Methyl methacrylate	ug/L	20	22.8	114	70-130	
Methylene Chloride	ug/L	20	22.7	114	70-130	
Propionitrile	ug/L	200	225	112	70-130	
Styrene	ug/L	20	22.3	111	70-130	
Tetrachloroethene	ug/L	20	22.3	112	66-133	
Toluene	ug/L	20	22.6	113	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.0	105	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.5	108	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	23.1	116	65-130	
Trichloroethene	ug/L	20	22.8	114	70-130	
Trichlorofluoromethane	ug/L	20	23.7	119	70-131	
Vinyl acetate	ug/L	20	18.1	91	69-135	
Vinyl chloride	ug/L	20	24.0	120	69-140	
Xylene (Total)	ug/L	60	68.8	115	70-130	
1,2-Dichloroethane-d4 (S)	%			96	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Dibromofluoromethane (S)	%			103	88-117	
Toluene-d8 (S)	%			101	87-113	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		292035			292036							
Parameter	Units	3542893006	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD		
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	13.1	13.8	66	69	39-130	5	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	14.4	15.8	72	79	47-141	9	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	12.2	12.5	61	62	49-131	3	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	12.7	13.5	63	67	50-130	6	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	14.3	14.9	72	75	54-137	4	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	13.9	14.5	69	73	45-155	4	40	
1,1-Dichloropropene	ug/L	0.50U	20	20	12.1	13.9	61	70	61-141	14	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	11.8	11.2	59	56	31-132	5	40	
1,2,4-Trichlorobenzene	ug/L	0.50U	20	20	8.6	11.6	43	58	34-138	30	40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	12.6	12.6	63	63	37-130	0.5	40	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	12.6	12.2	63	61	51-132	3	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	14.6	14.5	73	72	54-130	7	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	13.4	13.8	67	69	53-130	2	40	
1,3-Dichloropropane	ug/L	0.50U	20	20	12.7	12.7	63	64	59-127	1	40	
2,2-Dichloropropane	ug/L	0.50U	20	20	12.6	13.5	63	68	24-133	7	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	11.2	13.6	56	68	48-138	19	40	
2-Hexanone	ug/L	5.0U	20	20	11.7	15.1	59	75	38-130	25	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	10.5	14.0	52	70	28-143	29	40	
Acetone	ug/L	5.0U	20	20	9.41	12.6	47	63	20-140		40	
Acrylonitrile	ug/L	5.0U	200	200	109	143	54	72	44-138	28	40	
Aniline	ug/L	10.0U	200	200	107	125	54	63	20-159	16	40	
Acrylonitrile	ug/L	5.0U	200	200	120	139	60	69	46-130	15	40	
Allyl chloride	ug/L	0.50U	20	20	11.3	15.9	56	79	53-148	34	40	
Benzene	ug/L	1.4	20	20	15.7	16.2	71	74	53-132	3	40	
Bromochloromethane	ug/L	0.50U	20	20	14.9	14.5	75	72	54-132	3	40	
Bromodichloromethane	ug/L	0.27U	20	20	13.3	13.8	66	69	46-130	4	40	
Bromoform	ug/L	0.50U	20	20	13.1	13.1	65	66	32-130	5	40	
Bromomethane	ug/L	0.50U	20	20	13.4	18.9	67	94	20-152	34	40	
Carbon disulfide	ug/L	5.0U	20	20	10.0	15.0	48	72	28-184	40	40	
Carbon tetrachloride	ug/L	0.50U	20	20	13.6	16.0	68	80	37-137	16	40	
Chlorobenzene	ug/L	4.0	20	20	16.9	17.9	64	70	46-130	6	40	
Chloroethane	ug/L	0.50U	20	20	14.8	21.7	74	109	48-159	38	40	
Chloroform	ug/L	0.50U	20	20	13.4	14.1	67	71	51-130	5	40	
Chloromethane	ug/L	0.62U	20	20	14.8	19.7	74	99	39-144	29	40	
Chloroprene	ug/L	0.50U	20	20	9.3	14.3	46	71	39-157	43	40	J(D6)
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	13.9	13.9	69	69	54-130	4	40	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	12.8	13.2	64	66	45-130	2	40	
Dibromochloromethane	ug/L	0.26U	20	20	12.7	12.7	64	63	43-130	2	40	
Dibromomethane	ug/L	0.50U	20	20	14.5	14.3	73	72	50-130	1	40	
Dichlorodifluoromethane	ug/L	0.50U	20	20	11.6	23.8	58	119	38-151	69	40	J(D6)
Ethyl methacrylate	ug/L	0.50U	20	20	10.8	15.9	54	79	45-132	38	40	
Ethylbenzene	ug/L	0.50U	20	20	12.3	14.2	62	71	43-130	14	40	
Hexachloro-1,3-butadiene	ug/L	0.50U	20	20	7.6	11.6	38	58	35-136	42	40	J(D6)
Iodomethane	ug/L	0.50U	20	20	12.5	16.8	62	84	20-169	29	40	
Isobutyl Alcohol	ug/L	10.0U	400	400	225	271	56	68	20-175	19	40	
Methacrylonitrile	ug/L	5.0U	200	200	116	161	58	81	50-149	32	40	
Methyl methacrylate	ug/L	5.0U	20	20	10.7	15.6	54	78	48-130	37	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Parameter	3542893006		MS	MSD	292035		292036		% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
Methylene Chloride	ug/L	2.5U	20	20	14.8	14.8	72	72	51-135	.3	40			
Propionitrile	ug/L	5.0U	200	200	105	151	52	75	54-130	36	40	J(M1)		
Styrene	ug/L	0.50U	20	20	12.2	13.8	61	69	40-130	12	40			
Tetrachloroethene	ug/L	0.50U	20	20	10.4	13.0	52	65	26-130	22	40			
Toluene	ug/L	0.50U	20	20	13.1	14.2	66	71	50-130	8	40			
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	12.9	13.8	65	69	48-142	7	40			
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	12.5	13.1	63	66	45-130	5	40			
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	9.5	13.5	47	68	20-139		40			
Trichloroethene	ug/L	0.50U	20	20	13.0	14.6	65	73	42-133	12	40			
Trichlorofluoromethane	ug/L	0.50U	20	20	12.1	22.5	61	112	46-146	60	40	J(D6)		
Vinyl acetate	ug/L	1.0U	20	20	5.6	13.6	28	68	20-165	84	40	J(D6)		
Vinyl chloride	ug/L	0.50U	20	20	14.5	20.9	73	104	57-142	36	40			
Xylene (Total)	ug/L	0.50U	60	60	37.3	42.8	62	71	42-130	14	40			
1,2-Dichloroethane-d4 (S)	%						100	98	86-125					
4-Bromofluorobenzene (S)	%						102	102	70-114					
Dibromofluoromethane (S)	%						102	104	88-117					
Toluene-d8 (S)	%						100	102	87-113					

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

QC Batch: MSV/4141 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 3542893008, 3542893009

METHOD BLANK: 292153 Matrix: Water
 Associated Lab Samples: 3542893008, 3542893009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/16/11 00:21	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/16/11 00:21	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/16/11 00:21	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/16/11 00:21	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/16/11 00:21	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/16/11 00:21	
1,1-Dichloropropene	ug/L	0.50U	1.0	11/16/11 00:21	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/16/11 00:21	
1,2,4-Trichlorobenzene	ug/L	0.50U	1.0	11/16/11 00:21	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/16/11 00:21	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/16/11 00:21	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/16/11 00:21	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/16/11 00:21	
1,3-Dichloropropane	ug/L	0.50U	1.0	11/16/11 00:21	
Dichloropropane	ug/L	0.50U	1.0	11/16/11 00:21	
Butanone (MEK)	ug/L	5.0U	10.0	11/16/11 00:21	
2-Hexanone	ug/L	5.0U	10.0	11/16/11 00:21	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/16/11 00:21	
Acetone	ug/L	5.0U	10.0	11/16/11 00:21	
Acetonitrile	ug/L	5.0U	10.0	11/16/11 00:21	
Acrolein	ug/L	10.0U	20.0	11/16/11 00:21	
Acrylonitrile	ug/L	5.0U	10.0	11/16/11 00:21	
Allyl chloride	ug/L	0.50U	1.0	11/16/11 00:21	
Benzene	ug/L	0.50U	1.0	11/16/11 00:21	
Bromochloromethane	ug/L	0.50U	1.0	11/16/11 00:21	
Bromodichloromethane	ug/L	0.27U	0.60	11/16/11 00:21	
Bromoform	ug/L	0.50U	1.0	11/16/11 00:21	
Bromomethane	ug/L	0.50U	1.0	11/16/11 00:21	
Carbon disulfide	ug/L	5.0U	10.0	11/16/11 00:21	
Carbon tetrachloride	ug/L	0.50U	1.0	11/16/11 00:21	
Chlorobenzene	ug/L	0.50U	1.0	11/16/11 00:21	
Chloroethane	ug/L	0.50U	1.0	11/16/11 00:21	
Chloroform	ug/L	0.50U	1.0	11/16/11 00:21	
Chloromethane	ug/L	0.62U	1.0	11/16/11 00:21	
Chloroprene	ug/L	0.50U	1.0	11/16/11 00:21	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/16/11 00:21	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/16/11 00:21	
Dibromochloromethane	ug/L	0.26U	0.50	11/16/11 00:21	
Dibromomethane	ug/L	0.50U	1.0	11/16/11 00:21	
Dichlorodifluoromethane	ug/L	0.50U	1.0	11/16/11 00:21	
Ethyl methacrylate	ug/L	0.50U	1.0	11/16/11 00:21	
Ethylbenzene	ug/L	0.50U	1.0	11/16/11 00:21	
Hexachloro-1,3-butadiene	ug/L	0.50U	1.0	11/16/11 00:21	

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

METHOD BLANK: 292153 Matrix: Water

Associated Lab Samples: 3542893008, 3542893009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iodomethane	ug/L	0.50U	1.0	11/16/11 00:21	
Isobutyl Alcohol	ug/L	10.0U	20.0	11/16/11 00:21	
Methacrylonitrile	ug/L	5.0U	10.0	11/16/11 00:21	
Methyl methacrylate	ug/L	5.0U	10.0	11/16/11 00:21	
Methylene Chloride	ug/L	2.5U	5.0	11/16/11 00:21	
Propionitrile	ug/L	5.0U	10.0	11/16/11 00:21	
Styrene	ug/L	0.50U	1.0	11/16/11 00:21	
Tetrachloroethene	ug/L	0.50U	1.0	11/16/11 00:21	
Toluene	ug/L	0.50U	1.0	11/16/11 00:21	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/16/11 00:21	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/16/11 00:21	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/16/11 00:21	
Trichloroethene	ug/L	0.50U	1.0	11/16/11 00:21	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/16/11 00:21	
Vinyl acetate	ug/L	1.0U	2.0	11/16/11 00:21	
Vinyl chloride	ug/L	0.50U	1.0	11/16/11 00:21	
Xylene (Total)	ug/L	0.50U	1.0	11/16/11 00:21	
1,2-Dichloroethane-d4 (S)	%	99	86-125	11/16/11 00:21	
4-Bromofluorobenzene (S)	%	90	70-114	11/16/11 00:21	
Dibromofluoromethane (S)	%	100	88-117	11/16/11 00:21	
Toluene-d8 (S)	%	100	87-113	11/16/11 00:21	

LABORATORY CONTROL SAMPLE: 292154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.3	97	70-130	
1,1,1-Trichloroethane	ug/L	20	19.0	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.8	109	70-130	
1,1,2-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1-Dichloroethane	ug/L	20	21.8	109	70-130	
1,1-Dichloroethene	ug/L	20	20.1	101	70-130	
1,1-Dichloropropene	ug/L	20	18.9	94	70-130	
1,2,3-Trichloropropane	ug/L	20	23.0	115	70-130	
1,2,4-Trichlorobenzene	ug/L	20	19.1	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	22.1	110	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.7	104	70-130	
1,2-Dichloroethane	ug/L	20	19.2	96	70-130	
1,2-Dichloropropane	ug/L	20	21.8	109	70-130	
1,3-Dichloropropane	ug/L	20	20.3	101	70-130	
2,2-Dichloropropane	ug/L	20	18.3	92	70-131	
2-Butanone (MEK)	ug/L	20	24.6	123	55-167	
2-Hexanone	ug/L	20	23.9	119	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	24.2	121	70-130	
Acetone	ug/L	20	20.4	102	40-150	
Acetonitrile	ug/L	200	254	127	63-138	

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

LABORATORY CONTROL SAMPLE: 292154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acrolein	ug/L	200	358	179	44-170	J(L0)
Acrylonitrile	ug/L	200	261	130	70-130	
Allyl chloride	ug/L	20	21.1	106	70-130	
Benzene	ug/L	20	20.8	104	70-130	
Bromochloromethane	ug/L	20	19.4	97	70-130	
Bromodichloromethane	ug/L	20	20.6	103	70-130	
Bromoform	ug/L	20	17.4	87	68-130	
Bromomethane	ug/L	20	25.0	125	38-179	
Carbon disulfide	ug/L	20	17.7	88	51-155	
Carbon tetrachloride	ug/L	20	20.5	103	70-130	
Chlorobenzene	ug/L	20	19.5	97	70-130	
Chloroethane	ug/L	20	27.8	139	59-149	
Chloroform	ug/L	20	20.2	101	70-130	
Chloromethane	ug/L	20	27.4	137	68-130	J(L0)
Chloroprene	ug/L	20	17.4	87	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	70-130	
Dibromochloromethane	ug/L	20	17.5	88	70-130	
Dibromomethane	ug/L	20	19.3	97	70-130	
Dichlorodifluoromethane	ug/L	20	23.9	119	67-130	
Methyl methacrylate	ug/L	20	22.8	114	70-130	
Toluene	ug/L	20	20.2	101	70-130	
Hexachloro-1,3-butadiene	ug/L	20	16.9	84	70-130	
Iodomethane	ug/L	20	18.7	94	43-160	
Isobutyl Alcohol	ug/L	400	584	146	66-135	J(L0)
Methacrylonitrile	ug/L	200	232	116	70-130	
Methyl methacrylate	ug/L	20	22.1	111	70-130	
Methylene Chloride	ug/L	20	22.9	114	70-130	
Propionitrile	ug/L	200	243	122	70-130	
Styrene	ug/L	20	19.4	97	70-130	
Tetrachloroethene	ug/L	20	18.2	91	66-133	
Toluene	ug/L	20	19.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.9	104	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.5	92	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.2	71	65-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Trichlorofluoromethane	ug/L	20	19.8	99	70-131	
Vinyl acetate	ug/L	20	19.2	96	69-135	
Vinyl chloride	ug/L	20	22.4	112	69-140	
Xylene (Total)	ug/L	60	60.5	101	70-130	
1,2-Dichloroethane-d4 (S)	%			92	86-125	
4-Bromofluorobenzene (S)	%			94	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			104	87-113	

QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		292155		292156									
Parameter	Units	3543258001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	19.4	20.3	97	101	39-130	5	40		
1,1,1-Trichloroethane	ug/L	0.50U	20	20	19.8	20.9	99	105	47-141	6	40		
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	22.4	22.9	112	115	49-131	2	40		
1,1,2-Trichloroethane	ug/L	0.50U	20	20	21.4	21.9	107	110	50-130	2	40		
1,1-Dichloroethane	ug/L	0.50U	20	20	23.8	24.7	119	124	54-137	4	40		
1,1-Dichloroethene	ug/L	0.50U	20	20	20.4	22.8	102	114	45-155	11	40		
1,1-Dichloropropene	ug/L	0.50U	20	20	17.1	20.0	85	100	61-141	16	40		
1,2,3-Trichloropropane	ug/L	0.36U	20	20	22.3	21.8	112	109	31-132	2	40		
1,2,4-Trichlorobenzene	ug/L	0.50U	20	20	10.7	16.4	53	82	34-138	42	40	J(D6)	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	15.0	20.2	75	101	37-130	30	40		
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	19.4	21.1	97	106	51-132	8	40		
1,2-Dichloroethane	ug/L	0.50U	20	20	19.9	21.1	100	106	54-130	6	40		
1,2-Dichloropropane	ug/L	0.50U	20	20	22.2	23.6	111	118	53-130	6	40		
1,3-Dichloropropane	ug/L	0.50U	20	20	19.8	20.9	99	105	59-127	6	40		
2,2-Dichloropropane	ug/L	0.50U	20	20	15.4	15.8	77	79	24-133	3	40		
2-Butanone (MEK)	ug/L	5.0U	20	20	22.0	22.2	110	111	48-138	8	40		
2-Hexanone	ug/L	5.0U	20	20	21.7	21.5	109	107	38-130	1	40		
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	23.1	22.4	115	112	28-143	3	40		
Acetone	ug/L	5.0U	20	20	13.2	13.2	66	66	20-140	.5	40		
Acetonitrile	ug/L	5.0U	200	200	247	248	124	124	44-138	.3	40		
Acrolein	ug/L	10.0U	200	200	176	175	88	87	20-159	.7	40		
Acrylonitrile	ug/L	5.0U	200	200	260	252	130	126	46-130	3	40		
Allyl chloride	ug/L	0.50U	20	20	22.2	22.5	111	112	53-148	1	40		
Benzene	ug/L	0.50U	20	20	21.4	22.4	107	112	53-132	5	40		
Bromochloromethane	ug/L	0.50U	20	20	20.6	9.4	103	47	54-132	75	40	J(D6), J(M1)	
Bromodichloromethane	ug/L	0.27U	20	20	20.6	21.2	103	106	46-130	3	40		
Bromoform	ug/L	0.50U	20	20	15.5	17.0	78	85	32-130	9	40		
Bromomethane	ug/L	0.50U	20	20	21.5	24.5	107	123	20-152	13	40		
Carbon disulfide	ug/L	5.0U	20	20	16.1	18.4	79	90	28-184	13	40		
Carbon tetrachloride	ug/L	0.50U	20	20	19.4	21.0	97	105	37-137	8	40		
Chlorobenzene	ug/L	0.50U	20	20	18.4	20.5	92	102	46-130	11	40		
Chloroethane	ug/L	0.50U	20	20	25.9	28.2	129	141	48-159	8	40		
Chloroform	ug/L	0.50U	20	20	20.5	21.9	103	110	51-130	6	40		
Chloromethane	ug/L	0.62U	20	20	27.1	28.2	136	141	39-144	4	40		
Chloroprene	ug/L	0.50U	20	20	17.5	18.5	88	92	39-157	5	40		
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	20.2	21.3	100	106	54-130	5	40		
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	16.7	17.8	83	89	45-130	6	40		
Dibromochloromethane	ug/L	0.26U	20	20	16.9	18.0	84	90	43-130	7	40		
Dibromomethane	ug/L	0.50U	20	20	19.4	20.3	97	101	50-130	5	40		
Dichlorodifluoromethane	ug/L	0.50U	20	20	17.9	24.4	90	122	38-151	31	40		
Ethyl methacrylate	ug/L	0.50U	20	20	21.4	21.8	107	109	45-132	2	40		
Ethylbenzene	ug/L	0.50U	20	20	17.9	20.7	90	104	43-130	14	40		
Hexachloro-1,3-butadiene	ug/L	0.50U	20	20	7.8	15.2	39	76	35-136	65	40	J(D6)	
Iodomethane	ug/L	0.50U	20	20	16.7	17.6	83	88	20-169	6	40		
Isobutyl Alcohol	ug/L	10.0U	400	400	432	388	108	97	20-175	11	40		
Methacrylonitrile	ug/L	5.0U	200	200	243	238	122	119	50-149	2	40		

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

Parameter	Units	292155		292156		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		3543258001 Result	MS Spike Conc.	MSD Spike Conc.	MSD Result								
Methyl methacrylate	ug/L	5.0U	20	20	21.0	20.5	105	103	48-130	2	40		
Methylene Chloride	ug/L	2.5U	20	20	23.6	24.5	117	122	51-135	4	40		
Propionitrile	ug/L	5.0U	200	200	238	227	119	114	54-130	5	40		
Styrene	ug/L	0.50U	20	20	18.0	20.3	90	102	40-130	12	40		
Tetrachloroethene	ug/L	0.50U	20	20	12.7	17.1	63	86	26-130	30	40		
Toluene	ug/L	0.50U	20	20	18.8	20.2	94	101	50-130	7	40		
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	20.4	23.3	102	116	48-142	13	40		
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	16.8	18.4	84	92	45-130	9	40		
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	11.7	10.7	58	54	20-139	8	40		
Trichloroethene	ug/L	0.50U	20	20	19.6	21.1	98	106	42-133	7	40		
Trichlorofluoromethane	ug/L	0.50U	20	20	0.50U	20.0	0	100	46-146		40	J(M1)	
Vinyl acetate	ug/L	1.0U	20	20	6.1	14.2	31	71	20-165	79	40	J(D6)	
Vinyl chloride	ug/L	0.50U	20	20	22.6	25.0	113	125	57-142	10	40		
Xylene (Total)	ug/L	0.50U	60	60	51.2	60.3	85	101	42-130	16	40		
1,2-Dichloroethane-d4 (S)	%						96	96	86-125				
4-Bromofluorobenzene (S)	%						92	92	70-114				
Dibromofluoromethane (S)	%						102	100	88-117				
Toluene-d8 (S)	%						100	100	87-113				

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: OEXT/6418 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3542893001, 3542893003, 3542893004

METHOD BLANK: 289844 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/14/11 14:25	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/14/11 14:25	

LABORATORY CONTROL SAMPLE: 289845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.27	106	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289846 289847

Parameter	Units	3542657001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	.44	.44	0.50	0.49	114	111	60-140	3	40	
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.51	0.47	117	108	60-140	7	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: OEXT/6469 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3542893006, 3542893007, 3542893008

METHOD BLANK: 292563 Matrix: Water
Associated Lab Samples: 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/17/11 16:26	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/17/11 16:26	

LABORATORY CONTROL SAMPLE: 292564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.25	102	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293143 293144

Parameter	Units	293143		293144		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	.44	.44	0.48	0.51	111	116	60-140	5	40
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.50	0.53	115	121	60-140	5	40

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: OEXT/6413 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289748 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	0.0019U	0.010	11/17/11 21:57	
4,4'-DDE	ug/L	0.00090U	0.010	11/17/11 21:57	
4,4'-DDT	ug/L	0.0036U	0.010	11/17/11 21:57	
Aldrin	ug/L	0.00050U	0.010	11/17/11 21:57	
alpha-BHC	ug/L	0.00030U	0.010	11/17/11 21:57	
beta-BHC	ug/L	0.00050U	0.010	11/17/11 21:57	
Chlordane (Technical)	ug/L	0.080U	0.50	11/17/11 21:57	
Chlorobenzilate	ug/L	0.021U	0.10	11/17/11 21:57	
delta-BHC	ug/L	0.00040U	0.010	11/17/11 21:57	
Dieldrin	ug/L	0.00050U	0.010	11/17/11 21:57	
Endosulfan I	ug/L	0.00070U	0.010	11/17/11 21:57	
Endosulfan II	ug/L	0.00070U	0.010	11/17/11 21:57	
Endosulfan sulfate	ug/L	0.00060U	0.010	11/17/11 21:57	
Endrin	ug/L	0.0017U	0.010	11/17/11 21:57	
Endrin aldehyde	ug/L	0.0071U	0.010	11/17/11 21:57	
gamma-BHC (Lindane)	ug/L	0.00020U	0.010	11/17/11 21:57	
Heptachlor	ug/L	0.0015U	0.010	11/17/11 21:57	
Heptachlor epoxide	ug/L	0.00040U	0.010	11/17/11 21:57	
Methoxychlor	ug/L	0.0070U	0.010	11/17/11 21:57	
Pentachloronitrobenzene	ug/L	0.015U	0.10	11/17/11 21:57	
Toxaphene	ug/L	0.28U	0.50	11/17/11 21:57	
Decachlorobiphenyl (S)	%	94	41.7-109.1	11/17/11 21:57	
Tetrachloro-m-xylene (S)	%	69	66.5-120.3	11/17/11 21:57	

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LABORATORY CONTROL SAMPLE: 289749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.5	0.51	103	74-122	
4,4'-DDE	ug/L	.5	0.50	101	74-117	
4,4'-DDT	ug/L	.5	0.52	104	81-117	
Aldrin	ug/L	.5	0.43	86	56-112	
alpha-BHC	ug/L	.5	0.46	92	66-110	
beta-BHC	ug/L	.5	0.48	96	77-121	
delta-BHC	ug/L	.5	0.50	100	46-108	
Dieldrin	ug/L	.5	0.53	107	76-122	
Endosulfan I	ug/L	.5	0.51	102	75-122	
Endosulfan II	ug/L	.5	0.51	102	75-126	
Endosulfan sulfate	ug/L	.5	0.51	103	74-118	
Endrin	ug/L	.5	0.49	98	71-122	
Endrin aldehyde	ug/L	.5	0.53	106	76-122	
gamma-BHC (Lindane)	ug/L	.5	0.46	92	64-119	

QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

LABORATORY CONTROL SAMPLE: 289749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor	ug/L	.5	0.46	92	64-116	
Heptachlor epoxide	ug/L	.5	0.49	98	76-120	
Methoxychlor	ug/L	.5	0.52	103	76-129	
Decachlorobiphenyl (S)	%			100	41.7-109.1	
Tetrachloro-m-xylene (S)	%			87	66.5-120.3	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 290208 290209

Parameter	Units	3542962010		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Result										
4,4'-DDD	ug/L	0.0018	U	1	.83	0.97	0.88	97	105	74-122	10	40	
4,4'-DDE	ug/L	0.00085	U	1	.83	0.89	0.81	89	97	74-117	9	40	
4,4'-DDT	ug/L	0.0034	U	1	.83	0.95	0.89	95	107	81-117	6	40	
Aldrin	ug/L	0.00047	U	1	.83	0.71	0.69	71	83	46-112	2	40	
alpha-BHC	ug/L	0.00028	U	1	.83	0.75	0.72	75	86	66-110	4	40	
BHC	ug/L	0.00047	U	1	.83	0.86	0.80	86	96	77-121	7	40	
delta-BHC	ug/L	0.00038	U	1	.83	0.89	0.85	89	102	46-108	5	40	
Dieldrin	ug/L	0.00047	U	1	.83	1.0	0.94	100	113	76-122	6	40	
Endosulfan I	ug/L	0.00066	U	1	.83	0.89	0.85	89	101	75-122	6	40	
Endosulfan II	ug/L	0.00066	U	1	.83	0.92	0.85	92	102	75-126	9	40	
Endosulfan sulfate	ug/L	0.00057	U	1	.83	0.96	0.89	96	106	74-118	8	40	
Endrin	ug/L	0.0016	U	1	.83	0.91	0.90	91	108	71-122	1	40	
Endrin aldehyde	ug/L	0.0067	U	1	.83	0.98	0.92	98	110	76-122	7	40	
gamma-BHC (Lindane)	ug/L	0.00019	U	1	.83	0.77	0.73	77	88	64-119	5	40	
Heptachlor	ug/L	0.0014	U	1	.83	0.76	0.73	76	87	64-116	4	40	
Heptachlor epoxide	ug/L	0.00038	U	1	.83	0.84	0.79	84	95	76-120	7	40	
Methoxychlor	ug/L	0.0066	U	1	.83	0.94	0.88	94	106	76-129	7	40	
Decachlorobiphenyl (S)	%							91	91	41.7-109			
Tetrachloro-m-xylene (S)	%							63	73	66.5-120			J(S1)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: OEXT/6414 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289750 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	0.080U	0.50	11/15/11 17:02	
PCB-1221 (Aroclor 1221)	ug/L	0.081U	0.50	11/15/11 17:02	
PCB-1232 (Aroclor 1232)	ug/L	0.12U	0.50	11/15/11 17:02	
PCB-1242 (Aroclor 1242)	ug/L	0.13U	0.50	11/15/11 17:02	
PCB-1248 (Aroclor 1248)	ug/L	0.28U	0.50	11/15/11 17:02	
PCB-1254 (Aroclor 1254)	ug/L	0.14U	0.50	11/15/11 17:02	
PCB-1260 (Aroclor 1260)	ug/L	0.11U	0.50	11/15/11 17:02	
Decachlorobiphenyl (S)	%	101	63-121	11/15/11 17:02	
Tetrachloro-m-xylene (S)	%	56	48-111	11/15/11 17:02	

LABORATORY CONTROL SAMPLE: 289751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	2.5	2.1	83	70-130	
PCB-1221 (Aroclor 1221)	ug/L		0.081U			
PCB-1232 (Aroclor 1232)	ug/L		0.12U			
PCB-1242 (Aroclor 1242)	ug/L		0.13U			
PCB-1248 (Aroclor 1248)	ug/L		0.28U			
PCB-1254 (Aroclor 1254)	ug/L		0.14U			
PCB-1260 (Aroclor 1260)	ug/L	2.5	2.3	92	70-130	
Decachlorobiphenyl (S)	%			72	63-121	
Tetrachloro-m-xylene (S)	%			69	48-111	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 290210 290211

Parameter	Units	3542976002		290210		290211		% Rec	% Rec	% Rec Limits	Max RPD	Qual
		MS Result	MSD Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
PCB-1016 (Aroclor 1016)	ug/L	0.078U		5	4.2	3.8	3.5	77	83	70-130	10	40
PCB-1221 (Aroclor 1221)	ug/L	0.079U				0.16U	0.14U					
PCB-1232 (Aroclor 1232)	ug/L	0.11U				0.24U	0.20U					
PCB-1242 (Aroclor 1242)	ug/L	0.12U				0.25U	0.21U					
PCB-1248 (Aroclor 1248)	ug/L	0.27U				0.55U	0.46U					
PCB-1254 (Aroclor 1254)	ug/L	0.14U				0.29U	0.24U					
PCB-1260 (Aroclor 1260)	ug/L	0.11U		5	4.2	5.1	4.5	103	108	70-130	14	40
Decachlorobiphenyl (S)	%							101	89	63-121		
Tetrachloro-m-xylene (S)	%							59	64	48-111		

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

QC Batch: OEXT/6403 Analysis Method: EPA 8141
 QC Batch Method: EPA 3510 Analysis Description: 8141 GCS, O/P Pesticides
 Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289404 Matrix: Water
 Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dimethoate	ug/L	0.24U	0.50	11/13/11 03:52	
Disulfoton	ug/L	0.26U	0.50	11/13/11 03:52	
Famphur	ug/L	0.29U	0.50	11/13/11 03:52	
Methyl parathion	ug/L	0.27U	0.50	11/13/11 03:52	
Parathion (Ethyl parathion)	ug/L	0.47U	1.0	11/13/11 03:52	
Phorate	ug/L	0.42U	1.0	11/13/11 03:52	
4-Chloro3nitrobenzotrifluoride	%	76	34.2-122	11/13/11 03:52	

LABORATORY CONTROL SAMPLE & LCSD: 289405 289680

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Dimethoate	ug/L	2	1.4	1.5	71	74	21-153	3	40	
Disulfoton	ug/L	2	1.2	1.3	62	67	36-137	7	40	
Famphur	ug/L	2	1.5	1.4	76	70	43-136	8	40	
Methyl parathion	ug/L	2	1.4	1.4	70	70	51-130	1	40	
Parathion (Ethyl parathion)	ug/L	4	2.8	2.8	70	70	46-130	4	40	
Phorate	ug/L	4	2.6	2.8	64	70	41-130	9	40	
4-Chloro3nitrobenzotrifluoride	%				99	93	34.2-122			

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: OEXT/6394 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006

METHOD BLANK: 288802 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	0.042U	0.19	11/15/11 02:34	
2,4,5-TP (Silvex)	ug/L	0.049U	0.19	11/15/11 02:34	
2,4-D	ug/L	0.22U	0.94	11/15/11 02:34	
Dinoseb	ug/L	0.057U	0.19	11/15/11 02:34	
Pentachlorophenol	ug/L	0.017U	0.028	11/15/11 02:34	
2,4-DCAA (S)	%	84	42-142	11/15/11 02:34	

LABORATORY CONTROL SAMPLE: 288803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.1	93	28-161	
2,4,5-TP (Silvex)	ug/L	1.2	1.1	93	27-170	
2,4-D	ug/L	6	5.3	88	23-163	
Dinoseb	ug/L	1.2	0.75	63	24-151	
Pentachlorophenol	ug/L	.18	0.16	89	29-143	
2,4-DCAA (S)	%			104	42-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289285 289286

Parameter	Units	92105997001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
2,4,5-T	ug/L	ND	2.4	2.4	2.4	2.4	2.0	98	85	36-169	14	40
2,4,5-TP (Silvex)	ug/L	ND	2.4	2.4	2.4	2.5	2.3	104	96	20-176	8	40
2,4-D	ug/L	ND	12	12	11.6	10.8		96	90	17-167	7	40
Dinoseb	ug/L	ND	2.4	2.4	2.4	2.0		106	82	10-163	25	40
Pentachlorophenol	ug/L	ND	.36	.36	0.034U	0.034U		2	5	10-162		40 J(M1)
2,4-DCAA (S)	%							107	99	42-142		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

QC Batch: OEXT/6423 Analysis Method: EPA 8151
 QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
 Associated Lab Samples: 3542893007, 3542893008

METHOD BLANK: 290248 Matrix: Water
 Associated Lab Samples: 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	0.042U	0.19	11/15/11 16:50	
2,4,5-TP (Silvex)	ug/L	0.049U	0.19	11/15/11 16:50	
2,4-D	ug/L	0.22U	0.94	11/15/11 16:50	
Dinoseb	ug/L	0.057U	0.19	11/15/11 16:50	
Pentachlorophenol	ug/L	0.017U	0.028	11/15/11 16:50	
2,4-DCAA (S)	%	83	42-142	11/15/11 16:50	

LABORATORY CONTROL SAMPLE: 290249

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.4	120	28-161	
2,4,5-TP (Silvex)	ug/L	1.2	1.4	120	27-170	
2,4-D	ug/L	6	6.6	111	23-163	
Dinoseb	ug/L	1.2	1.1	90	24-151	
Pentachlorophenol	ug/L	.18	0.21	119	29-143	
2,4-DCAA (S)	%			104	42-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 290250 290251

Parameter	Units	92106074021 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result					
2,4,5-T	ug/L	ND	2.4	2.4	2.7	2.6	114	107	36-169	7	40
2,4,5-TP (Silvex)	ug/L	ND	2.4	2.4	2.8	2.7	117	111	20-176	5	40
2,4-D	ug/L	ND	12	12	13.1	12.5	109	104	17-167	4	40
Dinoseb	ug/L	ND	2.4	2.4	2.2	2.1	91	87	10-163	4	40
Pentachlorophenol	ug/L	ND	.36	.36	0.17	0.15	48	41	10-162	15	40
2,4-DCAA (S)	%						106	103	42-142		

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: OEXT/6402 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV App II
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 288902 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	1.5U	5.0	11/12/11 14:10	
1,2-Dichlorobenzene	ug/L	0.23U	5.0	11/12/11 14:10	
1,3,5-Trinitrobenzene	ug/L	0.19U	5.0	11/12/11 14:10	
1,3-Dichlorobenzene	ug/L	1.5U	5.0	11/12/11 14:10	
1,3-Dinitrobenzene	ug/L	0.32U	8.0	11/12/11 14:10	
1,4-Dichlorobenzene	ug/L	0.17U	5.0	11/12/11 14:10	
1,4-Naphthoquinone	ug/L	1.9U	5.0	11/12/11 14:10	
1-Naphthylamine	ug/L	0.29U	5.0	11/12/11 14:10	
2,3,4,6-Tetrachlorophenol	ug/L	1.6U	5.0	11/12/11 14:10	
2,4,5-Trichlorophenol	ug/L	0.17U	4.0	11/12/11 14:10	
2,4,6-Trichlorophenol	ug/L	0.19U	2.0	11/12/11 14:10	
2,4-Dichlorophenol	ug/L	0.19U	2.0	11/12/11 14:10	
2,4-Dimethylphenol	ug/L	0.27U	5.0	11/12/11 14:10	
2,4-Dinitrophenol	ug/L	1.1U	20.0	11/12/11 14:10	
2,4-Dinitrotoluene	ug/L	0.14U	2.0	11/12/11 14:10	
2,6-Dichlorophenol	ug/L	0.23U	4.0	11/12/11 14:10	
2,6-Dinitrotoluene	ug/L	0.22U	2.0	11/12/11 14:10	
2-Acetylaminofluorene	ug/L	0.25U	5.0	11/12/11 14:10	
2-Chloronaphthalene	ug/L	0.21U	5.0	11/12/11 14:10	
2-Chlorophenol	ug/L	0.14U	5.0	11/12/11 14:10	
2-Methylnaphthalene	ug/L	0.14U	5.0	11/12/11 14:10	
2-Methylphenol(o-Cresol)	ug/L	1.3U	5.0	11/12/11 14:10	
2-Naphthylamine	ug/L	0.29U	5.0	11/12/11 14:10	
2-Nitroaniline	ug/L	0.20U	5.0	11/12/11 14:10	
2-Nitrophenol	ug/L	0.24U	5.0	11/12/11 14:10	
3&4-Methylphenol(m&p Cresol)	ug/L	0.16U	10.0	11/12/11 14:10	
3,3'-Dichlorobenzidine	ug/L	0.20U	10.0	11/12/11 14:10	
3,3'-Dimethylbenzidine	ug/L	0.62U	10.0	11/12/11 14:10	
3-Methylcholanthrene	ug/L	0.14U	5.0	11/12/11 14:10	
3-Nitroaniline	ug/L	0.32U	5.0	11/12/11 14:10	
4,6-Dinitro-2-methylphenol	ug/L	1.5U	20.0	11/12/11 14:10	
4-Aminobiphenyl	ug/L	0.19U	5.0	11/12/11 14:10	
4-Bromophenylphenyl ether	ug/L	0.25U	5.0	11/12/11 14:10	
4-Chloro-3-methylphenol	ug/L	0.30U	20.0	11/12/11 14:10	
4-Chloroaniline	ug/L	0.20U	5.0	11/12/11 14:10	
4-Chlorophenylphenyl ether	ug/L	1.9U	5.0	11/12/11 14:10	
4-Nitroaniline	ug/L	1.8U	4.0	11/12/11 14:10	
4-Nitrophenol	ug/L	0.78U	20.0	11/12/11 14:10	
5-Nitro-o-toluidine	ug/L	0.14U	5.0	11/12/11 14:10	
7,12-Dimethylbenz(a)anthracene	ug/L	0.13U	5.0	11/12/11 14:10	
a,a-Dimethylphenylethylamine	ug/L	10.0U	20.0	11/12/11 14:10	
Acenaphthene	ug/L	0.18U	5.0	11/12/11 14:10	
Acenaphthylene	ug/L	1.8U	5.0	11/12/11 14:10	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3542893

METHOD BLANK: 288902

Matrix: Water

Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetophenone	ug/L	1.5U	5.0	11/12/11 14:10	
Anthracene	ug/L	0.18U	5.0	11/12/11 14:10	
Benzo(a)anthracene	ug/L	1.8U	5.0	11/12/11 14:10	
Benzo(a)pyrene	ug/L	0.14U	1.0	11/12/11 14:10	
Benzo(b)fluoranthene	ug/L	1.8U	2.0	11/12/11 14:10	
Benzo(g,h,i)perylene	ug/L	1.8U	5.0	11/12/11 14:10	
Benzo(k)fluoranthene	ug/L	0.11U	4.0	11/12/11 14:10	
Benzyl alcohol	ug/L	0.31U	5.0	11/12/11 14:10	
bis(2-Chloroethoxy)methane	ug/L	0.14U	5.0	11/12/11 14:10	
bis(2-Chloroethyl) ether	ug/L	0.21U	4.0	11/12/11 14:10	
bis(2-Chloroisopropyl) ether	ug/L	0.26U	5.0	11/12/11 14:10	
bis(2-Ethylhexyl)phthalate	ug/L	0.97U	5.0	11/12/11 14:10	
Butylbenzylphthalate	ug/L	2.0U	5.0	11/12/11 14:10	
Chrysene	ug/L	0.18U	5.0	11/12/11 14:10	
Di-n-butylphthalate	ug/L	0.18U	5.0	11/12/11 14:10	
Di-n-octylphthalate	ug/L	0.18U	5.0	11/12/11 14:10	
Diallate	ug/L	0.21U	5.0	11/12/11 14:10	
Dibenz(a,h)anthracene	ug/L	1.8U	2.0	11/12/11 14:10	
Dibenzofuran	ug/L	0.14U	5.0	11/12/11 14:10	
Dibutylphthalate	ug/L	0.20U	5.0	11/12/11 14:10	
Dimethylphthalate	ug/L	0.17U	5.0	11/12/11 14:10	
Ethyl methanesulfonate	ug/L	0.23U	5.0	11/12/11 14:10	
Fluoranthene	ug/L	1.8U	5.0	11/12/11 14:10	
Fluorene	ug/L	1.7U	5.0	11/12/11 14:10	
Hexachlorobenzene	ug/L	0.19U	1.0	11/12/11 14:10	
Hexachlorocyclopentadiene	ug/L	1.1U	5.0	11/12/11 14:10	
Hexachloroethane	ug/L	0.24U	5.0	11/12/11 14:10	
Hexachloropropene	ug/L	0.24U	5.0	11/12/11 14:10	
Indeno(1,2,3-cd)pyrene	ug/L	1.8U	2.0	11/12/11 14:10	
Isodrin	ug/L	0.31U	5.0	11/12/11 14:10	
Isophorone	ug/L	0.14U	5.0	11/12/11 14:10	
Isosafrole	ug/L	0.15U	5.0	11/12/11 14:10	
Kepone	ug/L	5.0U	20.0	11/12/11 14:10	
Methapyrilene	ug/L	0.53U	5.0	11/12/11 14:10	
Methyl methanesulfonate	ug/L	0.18U	5.0	11/12/11 14:10	
N-Nitroso-di-n-butylamine	ug/L	0.22U	4.0	11/12/11 14:10	
N-Nitroso-di-n-propylamine	ug/L	0.26U	4.0	11/12/11 14:10	
N-Nitrosodiethylamine	ug/L	0.22U	4.0	11/12/11 14:10	
N-Nitrosodimethylamine	ug/L	0.14U	2.0	11/12/11 14:10	
N-Nitrosodiphenylamine	ug/L	0.13U	5.0	11/12/11 14:10	
N-Nitrosomethylethylamine	ug/L	0.34U	5.0	11/12/11 14:10	
N-Nitrosopiperidine	ug/L	0.25U	5.0	11/12/11 14:10	
N-Nitrosopyrrolidine	ug/L	0.22U	5.0	11/12/11 14:10	
Naphthalene	ug/L	0.20U	5.0	11/12/11 14:10	
Nitrobenzene	ug/L	0.41U	4.0	11/12/11 14:10	
O,O,O-Triethylphosphorothioate	ug/L	0.26U	5.0	11/12/11 14:10	
O-Toluidine	ug/L	0.25U	5.0	11/12/11 14:10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

METHOD BLANK: 288902 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
P-Dimethylaminoazobenzene	ug/L	0.30U	5.0	11/12/11 14:10	
p-Phenylenediamine	ug/L	10.0U	20.0	11/12/11 14:10	
Pentachlorobenzene	ug/L	0.20U	5.0	11/12/11 14:10	
Phenacetin	ug/L	0.20U	5.0	11/12/11 14:10	
Phenanthrene	ug/L	0.13U	5.0	11/12/11 14:10	
Phenol	ug/L	0.14U	5.0	11/12/11 14:10	
Pronamide	ug/L	0.20U	5.0	11/12/11 14:10	
Pyrene	ug/L	1.7U	5.0	11/12/11 14:10	
Safrole	ug/L	0.23U	5.0	11/12/11 14:10	
Thionazin	ug/L	0.27U	5.0	11/12/11 14:10	
2,4,6-Tribromophenol (S)	%	87	10-110	11/12/11 14:10	
2-Fluorobiphenyl (S)	%	81	18-110	11/12/11 14:10	
2-Fluorophenol (S)	%	33	18-110	11/12/11 14:10	
Nitrobenzene-d5 (S)	%	78	10-110	11/12/11 14:10	
Phenol-d6 (S)	%	19	10-110	11/12/11 14:10	
Terphenyl-d14 (S)	%	91	10-123	11/12/11 14:10	

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LABORATORY CONTROL SAMPLE & LCS/D: 288903 290078

Parameter	Units	Spike Conc.	LCS Result	LCS/D Result	LCS % Rec	LCS/D % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	38.9	35.5	78	71	48-110	9	40	
1,2-Dichlorobenzene	ug/L	50	37.5	32.9	75	66	32-129	13	40	
1,3,5-Trinitrobenzene	ug/L	50	59.3	53.1	119	106	48-128	11	40	
1,3-Dichlorobenzene	ug/L	50	37.5	32.5	75	65	10-172	14	40	
1,3-Dinitrobenzene	ug/L	50	45.4	39.7	91	79	57-112	13	40	
1,4-Dichlorobenzene	ug/L	50	37.3	31.8	75	64	43-110	16	40	
1,4-Naphthoquinone	ug/L	50	47.1	42.1	94	84	54-116	11	40	
1-Naphthylamine	ug/L	50	41.2	39.7	82	79	37-147	4	40	
2,3,4,6-Tetrachlorophenol	ug/L	50	46.3	43.7	93	87	59-117	6	40	
2,4,5-Trichlorophenol	ug/L	50	44.4	39.9	89	80	58-110	11	40	
2,4,6-Trichlorophenol	ug/L	50	44.7	39.8	89	80	57-110	12	40	
2,4-Dichlorophenol	ug/L	50	43.0	37.1	86	74	50-110	15	40	
2,4-Dimethylphenol	ug/L	50	35.8	33.2	72	66	50-110	8	40	
2,4-Dinitrophenol	ug/L	50	45.6	42.7	91	85	41-120	7	40	
2,4-Dinitrotoluene	ug/L	50	46.5	43.5	93	87	55-122	7	40	
2,6-Dichlorophenol	ug/L	50	43.5	39.3	87	79	51-110	10	40	
2,6-Dinitrotoluene	ug/L	50	45.6	40.9	91	82	61-111	11	40	
2-Acetylaminofluorene	ug/L	50	47.8	44.4	96	89	49-126	7	40	
2-Chloronaphthalene	ug/L	50	43.6	38.7	87	77	53-110	12	40	
2-Chlorophenol	ug/L	50	33.6	29.8	67	60	41-110	12	40	
2-Methylnaphthalene	ug/L	50	41.3	36.2	83	72	52-110	13	40	
2-Methylphenol(o-Cresol)	ug/L	50	26.8	24.8	54	50	44-110	8	40	
2-Naphthylamine	ug/L	50	42.4	41.9	85	84	38-112	1	40	
2-Nitroaniline	ug/L	50	43.4	40.9	87	82	58-110	6	40	
2-Nitrophenol	ug/L	50	39.4	35.0	79	70	49-110	12	40	

QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

LABORATORY CONTROL SAMPLE & LCSD: 288903 290078

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
3&4-Methylphenol(m&p Cresol)	ug/L	50	21.9	21.4	44	43	40-110	2	40	
3,3'-Dichlorobenzidine	ug/L	50	48.5	43.4	97	87	52-116	11	40	
3,3'-Dimethylbenzidine	ug/L	50	25.2	37.0	50	74	10-122	38	40	
3-Methylcholanthrene	ug/L	50	42.4	37.3	85	75	59-110	13	40	
3-Nitroaniline	ug/L	50	41.4	38.1	83	76	53-120	8	40	
4,6-Dinitro-2-methylphenol	ug/L	50	47.0	42.3	94	85	46-122	11	40	
4-Aminobiphenyl	ug/L	50	45.9	43.7	92	87	34-120	5	40	
4-Bromophenylphenyl ether	ug/L	50	42.6	38.4	85	77	64-110	10	40	
4-Chloro-3-methylphenol	ug/L	50	40.2	37.1	80	74	59-110	8	40	
4-Chloroaniline	ug/L	50	40.7	38.5	81	77	51-110	6	40	
4-Chlorophenylphenyl ether	ug/L	50	42.9	39.8	86	80	57-110	7	40	
4-Nitroaniline	ug/L	50	44.3	42.1	89	84	44-130	5	40	
4-Nitrophenol	ug/L	50	10.51	10.01	21	20	19-110		40	
5-Nitro-o-toluidine	ug/L	50	44.5	42.0	89	84	52-121	6	40	
7,12-Dimethylbenz(a)anthracene	ug/L	50	40.0	38.0	80	76	52-110	5	40	
Acenaphthene	ug/L	50	44.8	40.3	90	81	56-110	11	40	
Acenaphthylene	ug/L	50	45.3	40.6	91	81	55-110	11	40	
Acetophenone	ug/L	50	38.9	35.7	78	71	48-110	9	40	
Anthracene	ug/L	50	46.0	40.9	92	82	64-110	12	40	
Benzo(a)anthracene	ug/L	50	47.2	42.5	94	85	63-110	11	40	
Benzo(a)pyrene	ug/L	50	47.3	42.5	95	85	62-111	11	40	
Benzo(b)fluoranthene	ug/L	50	42.2	29.2	84	58	59-116	36	40	J(L0)
Benzo(g,h,i)perylene	ug/L	50	47.6	43.0	95	86	57-115	10	40	
Benzo(k)fluoranthene	ug/L	50	52.6	59.1	105	118	61-115	12	40	J(L0)
Benzyl alcohol	ug/L	50	25.0	24.7	50	49	46-110	1	40	
bis(2-Chloroethoxy)methane	ug/L	50	40.5	32.8	81	66	48-110	21	40	
bis(2-Chloroethyl) ether	ug/L	50	35.2	31.3	70	63	42-110	12	40	
bis(2-Chloroisopropyl) ether	ug/L	50	38.6	34.1	77	68	45-110	12	40	
bis(2-Ethylhexyl)phthalate	ug/L	50	46.8	42.5	94	85	58-120	10	40	
Butylbenzylphthalate	ug/L	50	46.7	42.1	93	84	59-118	10	40	
Chrysene	ug/L	50	49.5	46.0	99	92	64-110	7	40	
Di-n-butylphthalate	ug/L	50	46.6	42.9	93	86	59-120	8	40	
Di-n-octylphthalate	ug/L	50	47.6	43.6	95	87	58-118	9	40	
Diallate	ug/L	50	38.0	36.1	76	72	43-126	5	40	
Dibenz(a,h)anthracene	ug/L	50	47.5	41.6	95	83	59-116	13	40	
Dibenzofuran	ug/L	50	42.6	39.1	85	78	60-110	9	40	
Diethylphthalate	ug/L	50	46.0	42.8	92	86	57-121	7	40	
Dimethylphthalate	ug/L	50	44.9	40.0	90	80	62-114	12	40	
Ethyl methanesulfonate	ug/L	50	25.7	23.2	51	46	44-110	10	40	
Fluoranthene	ug/L	50	50.1	45.0	100	90	53-123	11	40	
Fluorene	ug/L	50	46.1	41.0	92	82	57-112	12	40	
Hexachlorobenzene	ug/L	50	47.0	41.3	94	83	63-110	13	40	
Hexachlorocyclopentadiene	ug/L	50	39.8	34.6	80	69	27-110	14	40	
Hexachloroethane	ug/L	50	35.7	32.3	71	65	41-110	10	40	
Hexachloropropene	ug/L	50	39.4	32.8	79	66	39-110	18	40	
Indeno(1,2,3-cd)pyrene	ug/L	50	47.6	41.6	95	83	59-116	13	40	
Isodrin	ug/L	50	42.7	39.2	85	78	63-113	8	40	
Isophorone	ug/L	50	40.0	35.0	80	70	53-110	14	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

LABORATORY CONTROL SAMPLE & LCSD: 288903		290078								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Isosafrole	ug/L	50	40.1	35.3	80	71	47-110	13	40	
Methapyrilene	ug/L	50	12.3	15.4	25	31	10-129	22	40	
Methyl methanesulfonate	ug/L	50	26.1	23.3	52	47	36-110	11	40	
N-Nitroso-di-n-butylamine	ug/L	50	43.8	41.5	88	83	51-111	6	40	
N-Nitroso-di-n-propylamine	ug/L	50	42.9	40.6	86	81	43-110	6	40	
N-Nitrosodiethylamine	ug/L	50	41.7	36.4	83	73	41-110	13	40	
N-Nitrosodimethylamine	ug/L	50	15.5	13.3	31	27	22-110	15	40	
N-Nitrosodiphenylamine	ug/L	50	42.7	39.2	85	78	63-110	9	40	
N-Nitrosomethylethylamine	ug/L	50	34.6	31.0	69	62	39-110	11	40	
N-Nitrosopiperidine	ug/L	50	40.7	35.7	81	71	49-110	13	40	
N-Nitrosopyrrolidine	ug/L	50	30.4	29.4	61	59	34-110	3	40	
Naphthalene	ug/L	50	41.3	35.3	83	71	47-110	16	40	
Nitrobenzene	ug/L	50	41.6	36.8	83	74	43-110	12	40	
O,O,O-Triethylphosphorothioate	ug/L	50	40.9	35.9	82	72	52-110	13	40	
O-Toluidine	ug/L	50	34.0	32.3	68	65	48-110	5	40	
P-Dimethylaminoazobenzene	ug/L	50	42.6	38.4	85	77	41-153	10	40	
Pentachlorobenzene	ug/L	50	42.4	37.9	85	76	53-111	11	40	
Phenacetin	ug/L	50	42.7	38.6	85	77	50-127	10	40	
Phenanthrene	ug/L	50	45.7	40.6	91	81	65-110	12	40	
Phenol	ug/L	50	10.1	9.4	20	19	17-110	7	40	
Pronamide	ug/L	50	46.9	43.9	94	88	59-125	7	40	
Pyrene	ug/L	50	51.6	44.5	103	89	52-122	15	40	
Safrole	ug/L	50	41.0	38.3	82	77	53-110	7	40	
Thionazin	ug/L	50	50.5	46.8	101	94	60-117	8	40	
2,4,6-Tribromophenol (S)	%				89	84	10-110			
2-Fluorobiphenyl (S)	%				82	73	18-110			
2-Fluorophenol (S)	%				30	27	18-110			
Nitrobenzene-d5 (S)	%				76	68	10-110			
Phenol-d6 (S)	%				17	16	10-110			
Terphenyl-d14 (S)	%				92	82	10-123			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: WET/10908 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 290304 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/14/11 12:41	

LABORATORY CONTROL SAMPLE: 290305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	290	97	90-110	

SAMPLE DUPLICATE: 290306

Parameter	Units	3542838001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	608	600	1	20	

SAMPLE DUPLICATE: 290307

Parameter	Units	3542893003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1020	1030	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: WET/10898 Analysis Method: EPA 9034
QC Batch Method: EPA 9034 Analysis Description: 9034 Sulfide Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289535 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	1.0U	1.0	11/11/11 08:30	

LABORATORY CONTROL SAMPLE: 289536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	6	5.7	94	80-120	

MATRIX SPIKE SAMPLE: 289537

Parameter	Units	3542893001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	1.0U	6	5.7	94	80-120	

SAMPLE DUPLICATE: 289538

Parameter	Units	3542893002 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L		2.6	3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: WETA/13316 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289945 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/11/11 15:29	

LABORATORY CONTROL SAMPLE: 289946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.7	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289947 289948

Parameter	Units	3542893001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.7	4.7	94	94	90-110	.3	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289949 289950

Parameter	Units	3542893002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Nitrate as N	mg/L		5	5	4.6	4.6	93	93	90-110	.1	20

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: WETA/13318 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 289959 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/11/11 15:29	
Sulfate	mg/L	2.5U	5.0	11/11/11 15:29	

LABORATORY CONTROL SAMPLE: 289960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.7	95	90-110	
Sulfate	mg/L	50	46.3	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289961 289962

Parameter	Units	3542893001		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.									
Chloride	mg/L	2.5U	50	50	48.0	48.1	96	96	90-110	.2	20	
Sulfate	mg/L	2.5U	50	50	46.6	47.2	93	94	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289963 289964

Parameter	Units	3542960002		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.									
Chloride	mg/L	122	50	50	169	169	94	95	90-110	.2	20	
Sulfate	mg/L	42.1	50	50	96.4	96.5	108	109	90-110	.1	20	

QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: WETA/13392 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 291881 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/16/11 07:24	

LABORATORY CONTROL SAMPLE: 291882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 291884

Parameter	Units	3543132001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.063	1	1.0	96	90-110	

SAMPLE DUPLICATE: 291883

Parameter	Units	3543132001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.063	0.064	2	20	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

QC Batch: WETA/13479 Analysis Method: EPA 9012
QC Batch Method: EPA 9012 Analysis Description: 9012 Cyanide
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

METHOD BLANK: 294987 Matrix: Water
Associated Lab Samples: 3542893001, 3542893003, 3542893004, 3542893006, 3542893007, 3542893008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	0.0012	0.010	11/22/11 06:48	

LABORATORY CONTROL SAMPLE: 294988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.05	0.046	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294989 294990

Parameter	Units	3542893001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Cyanide	mg/L	0.0010 U	.05	.05	0.045	0.047	89	92	80-120	3	20		

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QUALIFIERS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

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.

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.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- J(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.
- J(S1) Estimated Value. Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
- 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.
- V Indicates that the analyte was detected in both the sample and the associated method blank.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542893003	B45-2		FLD/		
3542893004	B45-1		FLD/		
3542893006	B43-1		FLD/		
3542893007	B43-1 DUP		FLD/		
3542893008	B41-1		FLD/		
3542893001	Equipment Blank (11/10/11)	EPA 8011	OEXT/6418	EPA 8011	GCSV/4684
3542893003	B45-2	EPA 8011	OEXT/6418	EPA 8011	GCSV/4684
3542893004	B45-1	EPA 8011	OEXT/6418	EPA 8011	GCSV/4684
3542893006	B43-1	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3542893007	B43-1 DUP	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3542893008	B41-1	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3542893001	Equipment Blank (11/10/11)	EPA 3510	OEXT/6413	EPA 8081	GCSV/4710
3542893003	B45-2	EPA 3510	OEXT/6413	EPA 8081	GCSV/4710
3542893004	B45-1	EPA 3510	OEXT/6413	EPA 8081	GCSV/4710
3542893006	B43-1	EPA 3510	OEXT/6413	EPA 8081	GCSV/4710
3542893007	B43-1 DUP	EPA 3510	OEXT/6413	EPA 8081	GCSV/4710
3542893008	B41-1	EPA 3510	OEXT/6413	EPA 8081	GCSV/4710
3542893001	Equipment Blank (11/10/11)	EPA 3510	OEXT/6414	EPA 8082	GCSV/4699
3542893003	B45-2	EPA 3510	OEXT/6414	EPA 8082	GCSV/4699
3542893004	B45-1	EPA 3510	OEXT/6414	EPA 8082	GCSV/4699
3542893006	B43-1	EPA 3510	OEXT/6414	EPA 8082	GCSV/4699
3542893007	B43-1 DUP	EPA 3510	OEXT/6414	EPA 8082	GCSV/4699
3542893008	B41-1	EPA 3510	OEXT/6414	EPA 8082	GCSV/4699
3542893001	Equipment Blank (11/10/11)	EPA 3510	OEXT/6403	EPA 8141	GCSV/4681
3542893003	B45-2	EPA 3510	OEXT/6403	EPA 8141	GCSV/4681
3542893004	B45-1	EPA 3510	OEXT/6403	EPA 8141	GCSV/4681
3542893006	B43-1	EPA 3510	OEXT/6403	EPA 8141	GCSV/4681
3542893007	B43-1 DUP	EPA 3510	OEXT/6403	EPA 8141	GCSV/4681
3542893008	B41-1	EPA 3510	OEXT/6403	EPA 8141	GCSV/4681
3542893001	Equipment Blank (11/10/11)	EPA 8151	OEXT/6394	EPA 8151	GCSV/4679
3542893003	B45-2	EPA 8151	OEXT/6394	EPA 8151	GCSV/4679
3542893004	B45-1	EPA 8151	OEXT/6394	EPA 8151	GCSV/4679
3542893006	B43-1	EPA 8151	OEXT/6394	EPA 8151	GCSV/4679
3542893007	B43-1 DUP	EPA 8151	OEXT/6423	EPA 8151	GCSV/4688
3542893008	B41-1	EPA 8151	OEXT/6423	EPA 8151	GCSV/4688
3542893001	Equipment Blank (11/10/11)	EPA 3010	MPRP/6411	EPA 6010	ICP/4426
3542893003	B45-2	EPA 3010	MPRP/6411	EPA 6010	ICP/4426
3542893004	B45-1	EPA 3010	MPRP/6411	EPA 6010	ICP/4426
3542893006	B43-1	EPA 3010	MPRP/6411	EPA 6010	ICP/4426
3542893007	B43-1 DUP	EPA 3010	MPRP/6411	EPA 6010	ICP/4426
3542893008	B41-1	EPA 3010	MPRP/6411	EPA 6010	ICP/4426
3542893001	Equipment Blank (11/10/11)	EPA 3010	MPRP/6412	EPA 6020	ICPM/2840
3542893003	B45-2	EPA 3010	MPRP/6412	EPA 6020	ICPM/2840
3542893004	B45-1	EPA 3010	MPRP/6412	EPA 6020	ICPM/2840

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542893006	B43-1	EPA 3010	MPRP/6412	EPA 6020	ICPM/2840
3542893007	B43-1 DUP	EPA 3010	MPRP/6412	EPA 6020	ICPM/2840
3542893008	B41-1	EPA 3010	MPRP/6412	EPA 6020	ICPM/2840
3542893001	Equipment Blank (11/10/11)	EPA 7470	MERP/2256	EPA 7470	MERC/2258
3542893003	B45-2	EPA 7470	MERP/2256	EPA 7470	MERC/2258
3542893004	B45-1	EPA 7470	MERP/2256	EPA 7470	MERC/2258
3542893006	B43-1	EPA 7470	MERP/2256	EPA 7470	MERC/2258
3542893007	B43-1 DUP	EPA 7470	MERP/2256	EPA 7470	MERC/2258
3542893008	B41-1	EPA 7470	MERP/2256	EPA 7470	MERC/2258
3542893001	Equipment Blank (11/10/11)	EPA 3510	OEXT/6402	EPA 8270	MSSV/2630
3542893003	B45-2	EPA 3510	OEXT/6402	EPA 8270	MSSV/2630
3542893004	B45-1	EPA 3510	OEXT/6402	EPA 8270	MSSV/2630
3542893006	B43-1	EPA 3510	OEXT/6402	EPA 8270	MSSV/2630
3542893007	B43-1 DUP	EPA 3510	OEXT/6402	EPA 8270	MSSV/2630
3542893008	B41-1	EPA 3510	OEXT/6402	EPA 8270	MSSV/2630
3542893001	Equipment Blank (11/10/11)	EPA 8260	MSV/4135		
3542893003	B45-2	EPA 8260	MSV/4135		
3542893004	B45-1	EPA 8260	MSV/4135		
3542893006	B43-1	EPA 8260	MSV/4140		
3542893007	B43-1 DUP	EPA 8260	MSV/4140		
3542893008	B41-1	EPA 8260	MSV/4141		
3542893009	Trip Blank (11/10/11)	EPA 8260	MSV/4141		
3542893001	Equipment Blank (11/10/11)	SM 2540C	WET/10908		
3542893003	B45-2	SM 2540C	WET/10908		
3542893004	B45-1	SM 2540C	WET/10908		
3542893006	B43-1	SM 2540C	WET/10908		
3542893007	B43-1 DUP	SM 2540C	WET/10908		
3542893008	B41-1	SM 2540C	WET/10908		
3542893001	Equipment Blank (11/10/11)	EPA 9034	WET/10898		
3542893003	B45-2	EPA 9034	WET/10898		
3542893004	B45-1	EPA 9034	WET/10898		
3542893006	B43-1	EPA 9034	WET/10898		
3542893007	B43-1 DUP	EPA 9034	WET/10898		
3542893008	B41-1	EPA 9034	WET/10898		
3542893001	Equipment Blank (11/10/11)	EPA 300.0	WETA/13316		
3542893003	B45-2	EPA 300.0	WETA/13316		
3542893004	B45-1	EPA 300.0	WETA/13316		
3542893006	B43-1	EPA 300.0	WETA/13316		
3542893007	B43-1 DUP	EPA 300.0	WETA/13316		
3542893008	B41-1	EPA 300.0	WETA/13316		
3542893001	Equipment Blank (11/10/11)	EPA 300.0	WETA/13318		
3542893001	Equipment Blank (11/10/11)	EPA 300.0	WETA/		
3542893003	B45-2	EPA 300.0	WETA/13318		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3542893

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3542893003	B45-2	EPA 300.0	WETA/		
3542893004	B45-1	EPA 300.0	WETA/13318		
3542893004	B45-1	EPA 300.0	WETA/		
3542893006	B43-1	EPA 300.0	WETA/13318		
3542893006	B43-1	EPA 300.0	WETA/		
3542893007	B43-1 DUP	EPA 300.0	WETA/13318		
3542893007	B43-1 DUP	EPA 300.0	WETA/		
3542893008	B41-1	EPA 300.0	WETA/13318		
3542893008	B41-1	EPA 300.0	WETA/		
3542893001	Equipment Blank (11/10/11)	EPA 350.1	WETA/13392		
3542893003	B45-2	EPA 350.1	WETA/13392		
3542893004	B45-1	EPA 350.1	WETA/13392		
3542893006	B43-1	EPA 350.1	WETA/13392		
3542893007	B43-1 DUP	EPA 350.1	WETA/13392		
3542893008	B41-1	EPA 350.1	WETA/13392		
3542893001	Equipment Blank (11/10/11)	EPA 9012	WETA/13479	EPA 9012	WETA/13508
3542893003	B45-2	EPA 9012	WETA/13479	EPA 9012	WETA/13508
3542893004	B45-1	EPA 9012	WETA/13479	EPA 9012	WETA/13508
3542893006	B43-1	EPA 9012	WETA/13479	EPA 9012	WETA/13508
3542893007	B43-1 DUP	EPA 9012	WETA/13479	EPA 9012	WETA/13508
3542893008	B41-1	EPA 9012	WETA/13479	EPA 9012	WETA/13508

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CHAIN-OF-CUSTODY / Analytical Request Document
 The Chain-of-Custody is a DOCUMENT. All relevant fields must be completed accurately.

3540893



Section A
 Required Client Information:
 Company: Volusia County
 Address: 1990 TOMOGA FARM RD
NAYERS BEACH FL 32124
 Email To: _____
 Phone: _____ Fax: _____
 Project Name: 10 MOKA LC BEVERLY
 Project Number: _____
 Requested Due Date/TAT: _____

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

Section B
 REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____
 Site Location STATE: FL

Page: 1 of 1
 1424319

ITEM #	Section D Required Client Information	Matrix Codes MATRIX I CODE	COLLECTED		SAMPLE TYPE (G-GRAB C-COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives	Analysis Test ↑	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB								
1	EQ	DW	11/21/10	11/21/10	606	606	Unpreserved	811/RO2	Y			
2	B-77	WT		1043			HCl	811/123				
3	B-45-2	WW		1124			NaOH	811/123				
4	B-45-1	P		1207			Na2S2O3	811/123				
5	B-76	SL		1327			HCl	811/123				
6	B-43-1	WP		1414			HNO3	811/123				
7	DUP	AR		1417			H2SO4	811/123				
8	B-41-1	TS	11/14/10	11/14/10	606	606	Unpreserved	811/123				
9		OT										
10	TRIP BANKS											
11												
12												

Section E
 ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: _____ DATE: 11/15/11 TIME: 1630

ACCEPTED BY / AFFILIATION: _____ DATE: 11/16/11 TIME: 1630

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

SAMPLER NAME AND SIGNATURE: JAMES STUCKEBERG / ROSEK HIBDON

PRINT Name of SAMPLER: _____ DATE Signed (MM/DD/YYYY): _____

SIGNATURE of SAMPLER: _____

ORIGINAL

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

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

Pace Analytical Field Sampling Log

Site Name: Tomoka LF Benzene Remediation	Site Location: Volusia County, FL
Well #: <u>B45-2</u>	Sample ID: <u>9542893</u>
Date: 11 / / 11	

PURGING DATA

YSI: 02606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: <u>6.95</u>	Sampling Device: <u>Grab PP</u>								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(17.61 - 6.95) \times 0.16$ Gallons/foot = <u>1.7056</u> Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons												
Initial Pump or Tubing Depth in Well (Feet): <u>9</u>	Final Pump or Tubing Depth in Well: <u>9</u>	Purging Initiated At: <u>1112</u>	Purging Ended At: <u>1123</u>	Total Volume Purged (Gallons): <u>2.75</u>								
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>1119</u>	<u>1.75</u>	<u>1.75</u>	<u>25</u>	<u>8.68</u>	<u>5.59</u>	<u>22.95</u>	<u>302</u>	<u>0.40</u>	<u>19.8</u>	<u>ORANGE</u>	<u>Yes</u>	<u>145.5</u>
<u>1121</u>	<u>.50</u>	<u>2.25</u>	<u>1</u>	<u>8.68</u>	<u>5.55</u>	<u>23.01</u>	<u>306</u>	<u>0.31</u>	<u>18.4</u>	<u>1</u>	<u>1</u>	<u>151.6</u>
<u>1123</u>	<u>.50</u>	<u>2.75</u>	<u>1</u>	<u>8.68</u>	<u>5.54</u>	<u>23.06</u>	<u>308</u>	<u>0.30</u>	<u>19.7</u>	<u>1</u>	<u>1</u>	<u>153.7</u>
Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0066; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												

SAMPLING DATA

Sampled By (Print): <u>James Stockbridge</u> / Pace			Sampler(s) Signatures:			Sampling Initiated At: <u>1124</u>	Sampling Ended At: <u>1140</u>	
Pump or Tubing Depth in Well (Feet): <u>9</u>		Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>	Tubing Material Code: <u>PE</u>	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 32
 Rain: [Yes] [No]
 Wind Speed: 0
 Wind Direction: 0

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <u>Ground</u> <input checked="" type="checkbox"/> Barrel <input type="checkbox"/>	On Ice @ <u>1141</u>	Bottles Preserved <2pH

Field Notes:

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See Work Order/Bottle Order

DEP Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka LF Benzene Remediation	Site Location: Volusia County, FL
Well #: B45-1	Sample ID: 3542893
Date: 11/10/11	

PURGING DATA

YSI: **02606/2697**

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 6.81	Sampling Device: Grab PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(37.28 - 6.81) \times 0.16$ Gallons/foot = 4.8752 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 9	Final Pump or Tubing Depth in Well: 11	Purging Initiated At: 1150	Purging Ended At: 1206	Total Volume Purged (Gallons): 8.00

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1200	5.00	5.00	.50	9.86	6.05	22.36	1499	0.22	350	02A2000	Yes	-35.3
1203	1.50	6.50	1	9.86	6.01	22.26	1470	0.23	286	1	1	-36.9
1206	1.50	8.00	1	9.86	6.04	22.19	1473	0.24	194	1	1	-41.7

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 Tubing Inside DIA. Capacity (Gal./ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): James Stockbridge / Pace			Sampler(s) Signature: <i>[Signature]</i>			Sampling Initiated At: 1207	Sampling Ended At: 1221	
Pump or Tubing Depth in Well (Feet): 11	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Filter Size: µm	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **72**
 Rain: Yes No
 Wind Speed: **0**
 Wind Direction: **0**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel []	On Ice @ 1222	Bottles Preserved <2pH

Field Notes: _____

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Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka LP Benzene Remediation						Site Location: Volusia County, FL							
Well #: B43-1 / DUP				Sample ID: 3542893				Date: 11/01/11					
PURGING DATA						YSI 02606/2697							
Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 6.10			Sampling Device: Grab							
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(28.95 - 6.10) \times 0.16$ Gallons/foot = 3.656 Gallons													
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume + (X)+ = Gallons													
Initial Pump or Tubing Depth in Well (Feet): 11				Final Pump or Tubing Depth in Well: 11				Purging Initiated At: 1350		Purging Ended At: 1413		Total Volume Purged (Gallons): 5.75	
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP	
1405	3.75	3.75	1.25	10.32	6.01	23.11	645	0.26	9.12	None	None	-22.5	
1409	1.0	4.75	1	1	6.00	23.00	649	0.26	5.57	1	1	-25.4	
1413	1.0	5.75	1	1	5.98	23.02	652	0.28	5.36	1	1	-24.9	
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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016													

SAMPLING DATA

Sampled By (Print): James Stockbridge / Roger H. Gordon Pace				Sampler(s) Signature: <i>[Signatures]</i>				Sampling Initiated At: 1414		Sampling Ended At: 1444	
Pump or Tubing Depth in Well (Feet): 11		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: [Yes] [No]		Field-Filtered: [Yes] [No]		Duplicate: [Yes] [No]	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Filter Size: µm			

Weather Conditions

Sunny
 Partly Cloudy
 Cloudy
 Temperature: 80
 Rain: [Yes] [No]
 Wind Speed: 0-3
 Wind Direction: SE

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		Discharged Method: Ground <input checked="" type="checkbox"/> Barrel [] On Ice @ 144.5 Bottles Preserved <2pH	

Field Notes:

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Pace Analytical Field Sampling Log

Site Name: Tomoka LF Benzene Remediation	Site Location: Volusia County, FL
Well #: 841-1	Sample ID: 3542893
Date: 11/10/11	

PURGING DATA

YSI: **02606/2697**

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 10.25	Sampling Device: Grab
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
(38.25 - 10.25) X 0.16 = 4.48 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (X) + = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 15	Final Pump or Tubing Depth in Well: 15	Purging Initiated At: 1450	Purging Ended At: 1523	Total Volume Purged (Gallons): 8.25

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1505	4.50	4.50	1.25	15.48	6.29	22.90	2086	0.22	4.01	orange	0.0	-56.3
1513	1.25	5.75	±	±	6.29	22.91	2187	0.18	2.52	±	±	-65.9
1518	1.25	7.0	±	±	6.29	22.93	2190	0.17	6.13	±	±	-65.9
1523	1.25	8.25	±	±	6.29	22.94	2138	0.19	1.61	±	±	-66.5

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 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" = 0.018

SAMPLING DATA

Sampled By (Print): James Stockbridge / Roger Higdon Pace			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 1524	Sampling Ended At: 1539	
Pump or Tubing Depth in Well (Feet): 15		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **82°**
 Rain: Yes No
 Wind Speed: **0-3**
 Wind Direction: **SE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____ <input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab Discharged Method Ground <input checked="" type="checkbox"/> Barrel <input type="checkbox"/> On Ice @ 1540 Bottles Preserved <2pH		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>
Field Notes:			

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See Work Order/Bottle Order

Sample Condition Upon Receipt Form (SCUR) Table Number: _____

Client Name: Volusia Project # 3542893

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: 11/1/12

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used T73 Type of Ice: Wet Blue None

Cooler Temperature °C 3.7 (Visual) -0.2 (Correction Factor) 3.5 (Actual)

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

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met: _____ If no, then mark box & describe issue (use comments area if necessary): _____

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

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Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):
95 per self Baylor, add north to list
Cyanide and Sulfite

	Sulfide	Ant.	Cu	Metal
EQ	12	2	12	2
B-77	8	2	8	2
B-45-2	10	2	12	2
B-45-1	7	3	7	2
B-76	7	3	8	2
B-43-1	8	2	8	2
DVP	8	2	8	2
B41-1	7	2	7	2

Project Manager Review: _____ Date: 1/11/12

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

_____ x 5 Gal

_____ x 2.5 Gal

_____ x 1 Gal

_____ x 1 Liter

_____ x 500 mL

_____ x 250 mL

_____ x Other: _____

November 28, 2011

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.: 3543012

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 11, 2011. 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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.



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CERTIFICATIONS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3543012001	Equipment Blank (11/11/11)	Water	11/11/11 09:30	11/11/11 16:17
3543012002	B40-1	Water	11/11/11 10:13	11/11/11 16:17
3543012003	B40-1 DUP	Water	11/11/11 10:13	11/11/11 16:17
3543012004	B40-2	Water	11/11/11 11:02	11/11/11 16:17
3543012005	B65	Water	11/11/11 11:52	11/11/11 16:17
3543012006	B41-2	Water	11/11/11 12:43	11/11/11 16:17
3543012007	B1-B	Water	11/11/11 13:43	11/11/11 16:17
3543012008	B42-2	Water	11/11/11 14:33	11/11/11 16:17
3543012009	B42-1	Water	11/11/11 15:14	11/11/11 16:17
3543012010	Trip Blank (11/11/11)	Water	11/11/11 08:00	11/11/11 16:17

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SAMPLE ANALYTE COUNT

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543012001	Equipment Blank (11/11/11)	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543012002	B40-1	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543012003	B40-1 DUP	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543012004	B40-2	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543012005	B65	EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
3543012006	B41-2	EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
3543012007	B1-B	EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
3543012008	B42-2	EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543012009	B42-1	EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
			TAP	15	PASI-O
			HEA	2	PASI-O
			HEA	1	PASI-O
			SK	49	PASI-O
			MMD	1	PASI-O
			LAJ	1	PASI-O
			IRL	2	PASI-O
			SOA	1	PASI-O
3543012010	Trip Blank (11/11/11)	EPA 350.1	SOA	1	PASI-O
		EPA 8260	SK	51	PASI-O

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3543012002	B40-1		Field pH	5.44	Std. Units		11/11/11 10:13	
			Field Temperature	21.72	deg C		11/11/11 10:13	
			Appearance	Color:			11/11/11 10:13	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	520	umhos/cm		11/11/11 10:13	
			Oxygen, Dissolved	1.08	mg/L		11/11/11 10:13	
			REDOX	47.8	mV		11/11/11 10:13	
			Turbidity	0.14	NTU		11/11/11 10:13	
			Depth to Water	6.98	feet		11/11/11 10:13	
			Water Level(NGVD)	20.66	feet		11/11/11 10:13	
EPA 6010			Barium	128	ug/L	10.0	11/15/11 21:41	
EPA 6010			Iron	14700	ug/L	40.0	11/15/11 21:41	
EPA 6010			Sodium	52.0	mg/L	1.0	11/15/11 21:41	
SM 2540C			Total Dissolved Solids	384	mg/L	5.0	11/15/11 11:39	
EPA 300.0			Chloride	64.4	mg/L	5.0	11/11/11 23:47	
EPA 300.0			Sulfate	127	mg/L	10.0	11/23/11 02:10	
EPA 350.1			Nitrogen, Ammonia	0.14	mg/L	0.050	11/18/11 09:32	
3543012003	B40-1 DUP		Field pH	5.44	Std. Units		11/11/11 10:13	
			Field Temperature	21.72	deg C		11/11/11 10:13	
			Appearance	Color:			11/11/11 10:13	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	520	umhos/cm		11/11/11 10:13	
			Oxygen, Dissolved	1.08	mg/L		11/11/11 10:13	
			REDOX	47.8	mV		11/11/11 10:13	
			Turbidity	0.14	NTU		11/11/11 10:13	
			Depth to Water	6.98	feet		11/11/11 10:13	
			Water Level(NGVD)	20.66	feet		11/11/11 10:13	
EPA 6010			Barium	128	ug/L	10.0	11/15/11 21:45	
EPA 6010			Iron	14500	ug/L	40.0	11/15/11 21:45	
EPA 6010			Sodium	52.5	mg/L	1.0	11/15/11 21:45	
SM 2540C			Total Dissolved Solids	387	mg/L	5.0	11/15/11 11:39	
EPA 300.0			Chloride	64.5	mg/L	5.0	11/11/11 23:59	
EPA 300.0			Sulfate	123	mg/L	10.0	11/23/11 02:22	
EPA 350.1			Nitrogen, Ammonia	0.22	mg/L	0.050	11/18/11 09:33	
3543012004	B40-2		Field pH	6.01	Std. Units		11/11/11 11:02	
			Field Temperature	22.10	deg C		11/11/11 11:02	
			Appearance	Color:			11/11/11 11:02	
				None,				
				Sheen:				
				None				
			Field Specific Conductance	723	umhos/cm		11/11/11 11:02	
			Oxygen, Dissolved	0.30	mg/L		11/11/11 11:02	

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Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543012004	B40-2					
	REDOX	59.8	mV		11/11/11 11:02	
	Turbidity	1.28	NTU		11/11/11 11:02	
	Depth to Water	4.80	feet		11/11/11 11:02	
	Water Level(NGVD)	22.88	feet		11/11/11 11:02	
EPA 6010	Barium	46.1	ug/L	10.0	11/15/11 21:49	
EPA 6010	Iron	1140	ug/L	40.0	11/15/11 21:49	
EPA 6010	Sodium	24.1	mg/L	1.0	11/15/11 21:49	
EPA 6010	Vanadium	6.1	ug/L	10.0	11/15/11 21:49	
SM 2540C	Total Dissolved Solids	564	mg/L	5.0	11/15/11 11:39	
EPA 300.0	Chloride	26.7	mg/L	5.0	11/12/11 00:11	
EPA 300.0	Sulfate	200	mg/L	25.0	11/23/11 02:34	
EPA 350.1	Nitrogen, Ammonia	0.37	mg/L	0.050	11/18/11 09:34	
3543012005	B65					
	Field pH	5.96	Std. Units		11/11/11 11:52	
	Field Temperature	21.21	deg C		11/11/11 11:52	
	Appearance	Color:			11/11/11 11:52	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	627	umhos/cm		11/11/11 11:52	
	Oxygen, Dissolved	0.22	mg/L		11/11/11 11:52	
	REDOX	3.7	mV		11/11/11 11:52	
	Turbidity	1.73	NTU		11/11/11 11:52	
	Depth to Water	5.10	feet		11/11/11 11:52	
	Water Level(NGVD)	22.94	feet		11/11/11 11:52	
EPA 6010	Barium	55.7	ug/L	10.0	11/15/11 22:01	
EPA 6010	Chromium	3.5	ug/L	5.0	11/15/11 22:01	
EPA 6010	Copper	2.8	ug/L	5.0	11/15/11 22:01	
EPA 6010	Iron	2040	ug/L	40.0	11/15/11 22:01	
EPA 6010	Sodium	33.3	mg/L	1.0	11/15/11 22:01	
EPA 6010	Vanadium	8.9	ug/L	10.0	11/15/11 22:01	
SM 2540C	Total Dissolved Solids	511	mg/L	5.0	11/15/11 11:39	
EPA 300.0	Chloride	40.8	mg/L	5.0	11/12/11 00:47	
EPA 300.0	Sulfate	139	mg/L	25.0	11/23/11 02:46	
EPA 350.1	Nitrogen, Ammonia	0.22	mg/L	0.050	11/18/11 09:35	
3543012006	B41-2					
	Field pH	6.69	Std. Units		11/11/11 12:43	
	Field Temperature	21.08	deg C		11/11/11 12:43	
	Appearance	Color:			11/11/11 12:43	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	967	umhos/cm		11/11/11 12:43	
	Oxygen, Dissolved	0.32	mg/L		11/11/11 12:43	
	REDOX	-57.0	mV		11/11/11 12:43	
	Turbidity	1.03	NTU		11/11/11 12:43	
	Depth to Water	6.32	feet		11/11/11 12:43	

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543012006	B41-2					
	Water Level(NGVD)	22.94	feet		11/11/11 12:43	
EPA 6010	Barium	67.3	ug/L	10.0	11/15/11 22:05	
EPA 6010	Copper	6.5	ug/L	5.0	11/15/11 22:05	
EPA 6010	Iron	1540	ug/L	40.0	11/15/11 22:05	
EPA 6010	Nickel	3.91	ug/L	5.0	11/15/11 22:05	
EPA 6010	Sodium	28.6	mg/L	1.0	11/15/11 22:05	
EPA 6010	Vanadium	5.31	ug/L	10.0	11/15/11 22:05	
SM 2540C	Total Dissolved Solids	750	mg/L	10.0	11/15/11 11:40	
EPA 300.0	Chloride	29.3	mg/L	5.0	11/12/11 01:24	
EPA 300.0	Sulfate	163	mg/L	10.0	11/23/11 02:58	
EPA 350.1	Nitrogen, Ammonia	0.56	mg/L	0.050	11/18/11 09:36	
3543012007	B1-B					
	Field pH	6.30	Std. Units		11/11/11 13:43	
	Field Temperature	22.12	deg C		11/11/11 13:43	
	Appearance	Color:			11/11/11 13:43	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	1326	umhos/cm		11/11/11 13:43	
	Oxygen, Dissolved	0.26	mg/L		11/11/11 13:43	
	REDOX	-38.3	mV		11/11/11 13:43	
	Turbidity	0.79	NTU		11/11/11 13:43	
	Depth to Water	9.59	feet		11/11/11 13:43	
	Water Level(NGVD)	17.72	feet		11/11/11 13:43	
EPA 6010	Barium	310	ug/L	10.0	11/15/11 22:09	
EPA 6010	Copper	3.21	ug/L	5.0	11/15/11 22:09	
EPA 6010	Iron	21900	ug/L	40.0	11/15/11 22:09	
EPA 6010	Sodium	81.0	mg/L	1.0	11/15/11 22:09	
EPA 8260	Chlorobenzene	1.1	ug/L	1.0	11/22/11 03:52	
SM 2540C	Total Dissolved Solids	804	mg/L	10.0	11/16/11 09:01	
EPA 300.0	Chloride	107	mg/L	10.0	11/23/11 03:35	
EPA 300.0	Sulfate	44.6	mg/L	5.0	11/12/11 01:36	
EPA 350.1	Nitrogen, Ammonia	11.9	mg/L	0.050	11/18/11 09:37	
3543012008	B42-2					
	Field pH	6.06	Std. Units		11/11/11 14:33	
	Field Temperature	22.18	deg C		11/11/11 14:33	
	Appearance	Color:			11/11/11 14:33	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	422	umhos/cm		11/11/11 14:33	
	Oxygen, Dissolved	0.36	mg/L		11/11/11 14:33	
	REDOX	95.1	mV		11/11/11 14:33	
	Turbidity	6.88	NTU		11/11/11 14:33	
	Depth to Water	5.43	feet		11/11/11 14:33	
	Water Level(NGVD)	22.93	feet		11/11/11 14:33	
EPA 6010	Barium	50.8	ug/L	10.0	11/15/11 22:13	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3543012008	B42-2					
EPA 6010	Chromium	3.11	ug/L	5.0	11/15/11 22:13	
EPA 6010	Iron	573	ug/L	40.0	11/15/11 22:13	
EPA 6010	Sodium	27.3	mg/L	1.0	11/15/11 22:13	
EPA 6010	Vanadium	7.51	ug/L	10.0	11/15/11 22:13	
SM 2540C	Total Dissolved Solids	325	mg/L	5.0	11/16/11 09:02	
EPA 300.0	Nitrate as N	0.32	mg/L	0.050	11/12/11 01:48	
EPA 300.0	Chloride	27.7	mg/L	5.0	11/12/11 01:48	
EPA 300.0	Sulfate	61.1	mg/L	5.0	11/12/11 01:48	
EPA 350.1	Nitrogen, Ammonia	0.083	mg/L	0.050	11/18/11 09:38	
3543012009	B42-1					
	Field pH	5.74	Std. Units		11/11/11 15:14	
	Field Temperature	22.04	deg C		11/11/11 15:14	
	Appearance	Color: None, Sheen: None			11/11/11 15:14	
	Field Specific Conductance	985	umhos/cm		11/11/11 15:14	
	Oxygen, Dissolved	0.22	mg/L		11/11/11 15:14	
	REDOX	33.9	mV		11/11/11 15:14	
	Turbidity	0.39	NTU		11/11/11 15:14	
	Depth to Water	9.27	feet		11/11/11 15:14	
	Water Level(NGVD)	19.23	feet		11/11/11 15:14	
EPA 6010	Barium	137	ug/L	10.0	11/15/11 22:25	
EPA 6010	Copper	3.11	ug/L	5.0	11/15/11 22:25	
EPA 6010	Iron	17400	ug/L	40.0	11/15/11 22:25	
EPA 6010	Sodium	108	mg/L	1.0	11/15/11 22:25	
SM 2540C	Total Dissolved Solids	716	mg/L	10.0	11/16/11 09:02	
EPA 300.0	Chloride	99.4	mg/L	25.0	11/23/11 03:47	
EPA 300.0	Sulfate	280	mg/L	25.0	11/23/11 03:47	
EPA 350.1	Nitrogen, Ammonia	0.38	mg/L	0.050	11/18/11 09:41	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Sample: Equipment Blank (11/11/11) Lab ID: 3543012001 Collected: 11/11/11 09:30 Received: 11/11/11 16:17 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	11/17/11 11:30	11/17/11 22:19	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/17/11 11:30	11/17/11 22:19	106-93-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:37	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:37	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:37	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:37	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:37	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:37	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:37	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 21:37	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:37	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:37	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 21:37	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:37	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:37	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:37	7440-62-2	
	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 21:37	7440-66-6	
6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:16	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:16	7440-28-0	
7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:33	7439-97-6	
8260 MSV Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/21/11 20:53	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/21/11 20:53	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/21/11 20:53	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: Equipment Blank (11/11/11) Lab ID: 3543012001 Collected: 11/11/11 09:30 Received: 11/11/11 16:17 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		11/21/11 20:53	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/21/11 20:53	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/21/11 20:53	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/21/11 20:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/21/11 20:53	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/21/11 20:53	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/21/11 20:53	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/21/11 20:53	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/21/11 20:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/21/11 20:53	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/21/11 20:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/21/11 20:53	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/21/11 20:53	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/15/11 11:38		
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 23:35	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/11/11 23:35	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/11/11 23:35	14808-79-8	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: Equipment Blank (11/11/11) Lab ID: 3543012001 Collected: 11/11/11 09:30 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/18/11 09:29	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-1 Lab ID: 3543012002 Collected: 11/11/11 10:13 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.44	Std. Units			1		11/11/11 10:13		
Field Temperature	21.72	deg C			1		11/11/11 10:13		
Appearance	Color:	None,			1		11/11/11 10:13		
	Sheen:	None							
Field Specific Conductance	520	umhos/cm			1		11/11/11 10:13		
Oxygen, Dissolved	1.08	mg/L			1		11/11/11 10:13	7782-44-7	
REDOX	47.8	mV			1		11/11/11 10:13		
Turbidity	0.14	NTU			1		11/11/11 10:13		
Depth to Water	6.98	feet			1		11/11/11 10:13		
Water Level(NGVD)	20.66	feet			1		11/11/11 10:13		
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	11/17/11 11:30	11/17/11 22:34	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 22:34	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:41	7440-38-2	
Barium	128	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:41	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:41	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:41	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:41	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:41	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:41	7440-50-8	
Iron	14700	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 21:41	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:41	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:41	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 21:41	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:41	7440-22-4	
Sodium	52.0	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:41	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:41	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 21:41	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:17	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:17	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:36	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	74-97-5	

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Sample: B40-1 Lab ID: 3543012002 Collected: 11/11/11 10:13 Received: 11/11/11 16:17 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		11/22/11 00:35	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/22/11 00:35	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/22/11 00:35	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 00:35	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 00:35	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/22/11 00:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/22/11 00:35	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/22/11 00:35	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/22/11 00:35	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/22/11 00:35	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/22/11 00:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	112 %		70-114		1		11/22/11 00:35	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/22/11 00:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	105 %		86-125		1		11/22/11 00:35	17060-07-0	
Toluene-d8 (S)	108 %		87-113		1		11/22/11 00:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-1 Lab ID: 3543012002 Collected: 11/11/11 10:13 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	384	mg/L	5.0	5.0	1		11/15/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 23:47	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	64.4	mg/L	5.0	2.5	1		11/11/11 23:47	16887-00-6	
Sulfate	127	mg/L	10.0	5.0	2		11/23/11 02:10	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.14	mg/L	0.050	0.020	1		11/18/11 09:32	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-1 DUP Lab ID: 3543012003 Collected: 11/11/11 10:13 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.44	Std. Units			1		11/11/11 10:13		
Field Temperature	21.72	deg C			1		11/11/11 10:13		
Appearance	Color:	None,			1		11/11/11 10:13		
	Sheen:	None							
Field Specific Conductance	520	umhos/cm			1		11/11/11 10:13		
Oxygen, Dissolved	1.08	mg/L			1		11/11/11 10:13	7782-44-7	
REDOX	47.8	mV			1		11/11/11 10:13		
Turbidity	0.14	NTU			1		11/11/11 10:13		
Depth to Water	6.98	feet			1		11/11/11 10:13		
Water Level(NGVD)	20.66	feet			1		11/11/11 10:13		
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	11/17/11 11:30	11/17/11 22:49	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.0099	0.0062	1	11/17/11 11:30	11/17/11 22:49	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:45	7440-38-2	
Barium	128	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:45	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:45	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:45	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:45	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:45	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:45	7440-50-8	
Iron	14500	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 21:45	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:45	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:45	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 21:45	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:45	7440-22-4	
Sodium	52.5	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:45	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:45	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 21:45	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:23	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:23	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:38	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-1 DUP Lab ID: 3543012003 Collected: 11/11/11 10:13 Received: 11/11/11 16:17 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		11/22/11 00:59	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/22/11 00:59	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/22/11 00:59	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 00:59	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 00:59	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/22/11 00:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/22/11 00:59	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/22/11 00:59	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/22/11 00:59	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/22/11 00:59	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/22/11 00:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/22/11 00:59	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/22/11 00:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	102 %		86-125		1		11/22/11 00:59	17060-07-0	
Toluene-d8 (S)	104 %		87-113		1		11/22/11 00:59	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-1 DUP Lab ID: 3543012003 Collected: 11/11/11 10:13 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	387	mg/L	5.0	5.0	1		11/15/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/11/11 23:59	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	64.5	mg/L	5.0	2.5	1		11/11/11 23:59	16887-00-6	
Sulfate	123	mg/L	10.0	5.0	2		11/23/11 02:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.22	mg/L	0.050	0.020	1		11/18/11 09:33	7664-41-7	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-2 Lab ID: 3543012004 Collected: 11/11/11 11:02 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.01	Std. Units			1		11/11/11 11:02		
Field Temperature	22.10	deg C			1		11/11/11 11:02		
Appearance	Color: None, Sheen: None				1		11/11/11 11:02		
Field Specific Conductance	723	umhos/cm			1		11/11/11 11:02		
Oxygen, Dissolved	0.30	mg/L			1		11/11/11 11:02	7782-44-7	
REDOX	59.8	mV			1		11/11/11 11:02		
Turbidity	1.28	NTU			1		11/11/11 11:02		
Depth to Water	4.80	feet			1		11/11/11 11:02		
Water Level(NGVD)	22.88	feet			1		11/11/11 11:02		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0051U	ug/L	0.021	0.0051	1	11/17/11 12:00	11/17/11 23:35	96-12-8	
1,2-Dibromoethane (EDB)	0.0065U	ug/L	0.010	0.0065	1	11/17/11 12:00	11/17/11 23:35	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:49	7440-38-2	
Barium	46.1	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:49	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:49	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:49	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:49	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:49	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:49	7440-50-8	
Iron	1140	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 21:49	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:49	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:49	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 21:49	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 21:49	7440-22-4	
Sodium	24.1	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 21:49	7440-23-5	
Vanadium	6.1	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 21:49	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 21:49	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:34	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:34	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:41	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Sample: B40-2 Lab ID: 3543012004 Collected: 11/11/11 11:02 Received: 11/11/11 16:17 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		11/22/11 02:38	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/22/11 02:38	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/22/11 02:38	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 02:38	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 02:38	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/22/11 02:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/22/11 02:38	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/22/11 02:38	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/22/11 02:38	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/22/11 02:38	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/22/11 02:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106 %		70-114		1		11/22/11 02:38	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/22/11 02:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/22/11 02:38	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/22/11 02:38	2037-26-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B40-2 Lab ID: 3543012004 Collected: 11/11/11 11:02 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	564	mg/L	5.0	5.0	1		11/15/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/12/11 00:11	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	26.7	mg/L	5.0	2.5	1		11/12/11 00:11	16887-00-6	
Sulfate	200	mg/L	25.0	12.5	5		11/23/11 02:34	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.37	mg/L	0.050	0.020	1		11/18/11 09:34	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Sample: B65 Lab ID: 3543012005 Collected: 11/11/11 11:52 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.96	Std. Units			1		11/11/11 11:52		
Field Temperature	21.21	deg C			1		11/11/11 11:52		
Appearance	Color: None, Sheen: None				1		11/11/11 11:52		
Field Specific Conductance	627	umhos/cm			1		11/11/11 11:52		
Oxygen, Dissolved	0.22	mg/L			1		11/11/11 11:52	7782-44-7	
REDOX	3.7	mV			1		11/11/11 11:52		
Turbidity	1.73	NTU			1		11/11/11 11:52		
Depth to Water	5.10	feet			1		11/11/11 11:52		
Water Level(NGVD)	22.94	feet			1		11/11/11 11:52		
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	11/17/11 12:00	11/18/11 00:20	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 12:00	11/18/11 00:20	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:01	7440-38-2	
Ammonium	55.7	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:01	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:01	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:01	7440-43-9	
Chromium	3.5	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:01	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:01	7440-48-4	
Copper	2.8	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:01	7440-50-8	
Iron	2040	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 22:01	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:01	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:01	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 22:01	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:01	7440-22-4	
Sodium	33.3	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:01	7440-23-5	
Vanadium	8.9	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:01	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 22:01	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:36	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:36	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:44	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	74-97-5	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B65 Lab ID: 3543012005 Collected: 11/11/11 11:52 Received: 11/11/11 16:17 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		11/22/11 03:02	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/22/11 03:02	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/22/11 03:02	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 03:02	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 03:02	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/22/11 03:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/22/11 03:02	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/22/11 03:02	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/22/11 03:02	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/22/11 03:02	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/22/11 03:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107 %		70-114		1		11/22/11 03:02	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/22/11 03:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		86-125		1		11/22/11 03:02	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/22/11 03:02	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B65 Lab ID: 3543012005 Collected: 11/11/11 11:52 Received: 11/11/11 16:17 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		11/15/11 11:39		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/12/11 00:47	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	40.8	mg/L	5.0	2.5	1		11/12/11 00:47	16887-00-6	
Sulfate	139	mg/L	25.0	12.5	5		11/23/11 02:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.22	mg/L	0.050	0.020	1		11/18/11 09:35	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B41-2 Lab ID: 3543012006 Collected: 11/11/11 12:43 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.69	Std. Units			1		11/11/11 12:43		
Field Temperature	21.08	deg C			1		11/11/11 12:43		
Appearance	Color:	None,			1		11/11/11 12:43		
	Sheen:	None							
Field Specific Conductance	967	umhos/cm			1		11/11/11 12:43		
Oxygen, Dissolved	0.32	mg/L			1		11/11/11 12:43	7782-44-7	
REDOX	-57.0	mV			1		11/11/11 12:43		
Turbidity	1.03	NTU			1		11/11/11 12:43		
Depth to Water	6.32	feet			1		11/11/11 12:43		
Water Level(NGVD)	22.94	feet			1		11/11/11 12:43		
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	11/17/11 12:00	11/18/11 00:51	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 12:00	11/18/11 00:51	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:05	7440-38-2	
Barium	67.3	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:05	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:05	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:05	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:05	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:05	7440-48-4	
Copper	6.5	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:05	7440-50-8	
Iron	1540	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 22:05	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:05	7439-92-1	
Nickel	3.91	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:05	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 22:05	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:05	7440-22-4	
Sodium	28.6	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:05	7440-23-5	
Vanadium	5.31	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:05	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 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	11/14/11 09:52	11/14/11 22:38	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:38	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:47	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Sample: B41-2 Lab ID: 3543012006 Collected: 11/11/11 12:43 Received: 11/11/11 16:17 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		11/22/11 03:27	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/22/11 03:27	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/22/11 03:27	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 03:27	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 03:27	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/22/11 03:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/22/11 03:27	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/22/11 03:27	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/22/11 03:27	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/22/11 03:27	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/22/11 03:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109 %		70-114		1		11/22/11 03:27	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/22/11 03:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/22/11 03:27	17060-07-0	
Toluene-d8 (S)	103 %		87-113		1		11/22/11 03:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B41-2 Lab ID: 3543012006 Collected: 11/11/11 12:43 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	750	mg/L	10.0	10.0	1		11/15/11 11:40		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/12/11 01:24	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	29.3	mg/L	5.0	2.5	1		11/12/11 01:24	16887-00-6	
Sulfate	163	mg/L	10.0	5.0	2		11/23/11 02:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.56	mg/L	0.050	0.020	1		11/18/11 09:36	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Sample: B1-B Lab ID: 3543012007 Collected: 11/11/11 13:43 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.30	Std. Units			1		11/11/11 13:43		
Field Temperature	22.12	deg C			1		11/11/11 13:43		
Appearance	Color: None, Sheen: None				1		11/11/11 13:43		
Field Specific Conductance	1326	umhos/cm			1		11/11/11 13:43		
Oxygen, Dissolved	0.26	mg/L			1		11/11/11 13:43	7782-44-7	
REDOX	-38.3	mV			1		11/11/11 13:43		
Turbidity	0.79	NTU			1		11/11/11 13:43		
Depth to Water	9.59	feet			1		11/11/11 13:43		
Water Level(NGVD)	17.72	feet			1		11/11/11 13:43		
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	11/17/11 12:00	11/18/11 01:06	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/17/11 12:00	11/18/11 01:06	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
As	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:09	7440-38-2	
Cd	310	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:09	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:09	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:09	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:09	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:09	7440-48-4	
Copper	3.2 U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:09	7440-50-8	
Iron	2190U	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 22:09	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:09	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:09	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 22:09	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:09	7440-22-4	
Sodium	81.0	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:09	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:09	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 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	11/14/11 09:52	11/14/11 22:39	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:39	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:51	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	74-97-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B1-B Lab ID: 3543012007 Collected: 11/11/11 13:43 Received: 11/11/11 16:17 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		11/22/11 03:52	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	56-23-5	
Chlorobenzene	1.1	ug/L	1.0	0.50	1		11/22/11 03:52	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/22/11 03:52	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/22/11 03:52	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 03:52	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/22/11 03:52	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/22/11 03:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/22/11 03:52	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/22/11 03:52	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	75-69-4	L3
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/22/11 03:52	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/22/11 03:52	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/22/11 03:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/22/11 03:52	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/22/11 03:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/22/11 03:52	17060-07-0	
Toluene-d8 (S)	105 %		87-113		1		11/22/11 03:52	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B1-B Lab ID: 3543012007 Collected: 11/11/11 13:43 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	804	mg/L	10.0	10.0	1		11/16/11 09:01		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/12/11 01:36	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	107	mg/L	10.0	5.0	2		11/23/11 03:35	16887-00-6	
Sulfate	44.6	mg/L	5.0	2.5	1		11/12/11 01:36	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	11.9	mg/L	0.050	0.020	1		11/18/11 09:37	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B42-2 Lab ID: 3543012008 Collected: 11/11/11 14:33 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.06	Std. Units			1		11/11/11 14:33		
Field Temperature	22.18	deg C			1		11/11/11 14:33		
Appearance	Color:	None,			1		11/11/11 14:33		
	Sheen:	None							
Field Specific Conductance	422	umhos/cm			1		11/11/11 14:33		
Oxygen, Dissolved	0.36	mg/L			1		11/11/11 14:33	7782-44-7	
REDOX	95.1	mV			1		11/11/11 14:33		
Turbidity	6.88	NTU			1		11/11/11 14:33		
Depth to Water	5.43	feet			1		11/11/11 14:33		
Water Level(NGVD)	22.93	feet			1		11/11/11 14:33		
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	11/17/11 12:00	11/18/11 01:21	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 12:00	11/18/11 01:21	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:13	7440-38-2	
Barium	50.8	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:13	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:13	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:13	7440-43-9	
Chromium	3.1 I	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:13	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:13	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:13	7440-50-8	
Iron	573	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 22:13	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:13	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:13	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 22:13	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:13	7440-22-4	
Sodium	27.3	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:13	7440-23-5	
Vanadium	7.5 I	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:13	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 22:13	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:41	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:41	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 14:54	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF

Pace Project No.: 3543012

Sample: B42-2 Lab ID: 3543012008 Collected: 11/11/11 14:33 Received: 11/11/11 16:17 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		11/17/11 18:39	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 18:39	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 18:39	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 18:39	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 18:39	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 18:39	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 18:39	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 18:39	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 18:39	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 18:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/17/11 18:39	460-00-4	
Dibromofluoromethane (S)	110 %		88-117		1		11/17/11 18:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/17/11 18:39	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/17/11 18:39	2037-26-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B42-2 Lab ID: 3543012008 Collected: 11/11/11 14:33 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	325	mg/L	5.0	5.0	1		11/16/11 09:02		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.32	mg/L	0.050	0.025	1		11/12/11 01:48	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	27.7	mg/L	5.0	2.5	1		11/12/11 01:48	16887-00-6	
Sulfate	61.1	mg/L	5.0	2.5	1		11/12/11 01:48	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.083	mg/L	0.050	0.020	1		11/18/11 09:38	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B42-1 Lab ID: 3543012009 Collected: 11/11/11 15:14 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.74	Std. Units			1		11/11/11 15:14		
Field Temperature	22.04	deg C			1		11/11/11 15:14		
Appearance	Color:	None,			1		11/11/11 15:14		
	Sheen:	None							
Field Specific Conductance	985	umhos/cm			1		11/11/11 15:14		
Oxygen, Dissolved	0.22	mg/L			1		11/11/11 15:14	7782-44-7	
REDOX	33.9	mV			1		11/11/11 15:14		
Turbidity	0.39	NTU			1		11/11/11 15:14		
Depth to Water	9.27	feet			1		11/11/11 15:14		
Water Level(NGVD)	19.23	feet			1		11/11/11 15:14		
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	11/17/11 12:00	11/18/11 01:36	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 12:00	11/18/11 01:36	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:25	7440-38-2	
Ammonium	137	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:25	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:25	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:25	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:25	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:25	7440-48-4	
Copper	3.1	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:25	7440-50-8	
Iron	17400	ug/L	40.0	20.0	1	11/14/11 09:52	11/15/11 22:25	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:25	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:25	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/14/11 09:52	11/15/11 22:25	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/14/11 09:52	11/15/11 22:25	7440-22-4	
Sodium	108	mg/L	1.0	0.50	1	11/14/11 09:52	11/15/11 22:25	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/14/11 09:52	11/15/11 22:25	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/14/11 09:52	11/15/11 22:25	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:43	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/14/11 09:52	11/14/11 22:43	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/13/11 09:00	11/15/11 15:03	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	107-13-1	J(M1)
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	74-97-5	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B42-1 Lab ID: 3543012009 Collected: 11/11/11 15:14 Received: 11/11/11 16:17 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		11/17/11 19:03	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	74-83-9	J(M1)
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	75-00-3	J(M1)
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 19:03	74-87-3	J(M1)
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 19:03	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 19:03	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 19:03	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	591-78-6	J(M1)
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 19:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 19:03	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 19:03	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	79-00-5	J(M1)
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 19:03	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 19:03	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 19:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87 %		70-114		1		11/17/11 19:03	460-00-4	
Dibromofluoromethane (S)	109 %		88-117		1		11/17/11 19:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	105 %		86-125		1		11/17/11 19:03	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 19:03	2037-26-5	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: B42-1 Lab ID: 3543012009 Collected: 11/11/11 15:14 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	716	mg/L	10.0	10.0	1		11/16/11 09:02		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/12/11 02:00	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	99.4	mg/L	25.0	12.5	5		11/23/11 03:47	16887-00-6	
Sulfate	280	mg/L	25.0	12.5	5		11/23/11 03:47	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.38	mg/L	0.050	0.020	1		11/18/11 09:41	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: Trip Blank (11/11/11) Lab ID: 3543012010 Collected: 11/11/11 08:00 Received: 11/11/11 16:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 14:05	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 14:05	74-87-3	
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/17/11 14:05	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 14:05	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 14:05	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 14:05	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 14:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 14:05	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 14:05	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 14:05	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 14:05	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 14:05	75-01-4	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Sample: Trip Blank (11/11/11) Lab ID: 3543012010 Collected: 11/11/11 08:00 Received: 11/11/11 16:17 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		11/17/11 14:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88 %		70-114		1		11/17/11 14:05	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/17/11 14:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/17/11 14:05	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 14:05	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: MERP/2258 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 290147 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/15/11 13:57	

LABORATORY CONTROL SAMPLE: 290148

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: 290149 290150

Parameter	Units	3542925001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Q
Mercury	ug/L	0.10U	2	2	2.0	2.0	97	97	80-120	.5	20	

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

QC Batch: MPRP/6419 Analysis Method: EPA 6010
 QC Batch Method: EPA 3010 Analysis Description: 6010 MET
 Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 290264 Matrix: Water
 Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/15/11 21:21	
Barium	ug/L	5.0U	10.0	11/15/11 21:21	
Beryllium	ug/L	0.50U	1.0	11/15/11 21:21	
Cadmium	ug/L	0.50U	1.0	11/15/11 21:21	
Chromium	ug/L	2.5U	5.0	11/15/11 21:21	
Cobalt	ug/L	5.0U	10.0	11/15/11 21:21	
Copper	ug/L	2.5U	5.0	11/15/11 21:21	
Iron	ug/L	20.0U	40.0	11/15/11 21:21	
Lead	ug/L	5.0U	10.0	11/15/11 21:21	
Nickel	ug/L	2.5U	5.0	11/15/11 21:21	
Selenium	ug/L	7.5U	15.0	11/15/11 21:21	
Silver	ug/L	2.5U	5.0	11/15/11 21:21	
Sodium	mg/L	0.50U	1.0	11/15/11 21:21	
Cadmium	ug/L	5.0U	10.0	11/15/11 21:21	
Cadmium	ug/L	10.0U	20.0	11/15/11 21:21	

LABORATORY CONTROL SAMPLE: 290265

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	244	98	80-120	
Barium	ug/L	250	269	107	80-120	
Beryllium	ug/L	25	26.5	106	80-120	
Cadmium	ug/L	25	25.0	100	80-120	
Chromium	ug/L	250	263	105	80-120	
Cobalt	ug/L	250	265	106	80-120	
Copper	ug/L	250	287	115	80-120	
Iron	ug/L	2500	2660	107	80-120	
Lead	ug/L	250	242	97	80-120	
Nickel	ug/L	250	259	104	80-120	
Selenium	ug/L	250	255	102	80-120	
Silver	ug/L	25	25.2	101	80-120	
Sodium	mg/L	12.5	13.9	112	80-120	
Vanadium	ug/L	250	260	104	80-120	
Zinc	ug/L	1250	1260	101	80-120	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Parameter	3543012004		MS	MSD	290425		290426		% Rec	% Rec	Limits	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Arsenic	ug/L	5.0U	250	250	253	254	99	100	75-125	.4	20		
Barium	ug/L	46.1	250	250	310	314	106	107	75-125	1	20		
Beryllium	ug/L	0.50U	25	25	26.5	26.5	106	106	75-125	.08	20		
Cadmium	ug/L	0.50U	25	25	24.4	24.5	97	98	75-125	.3	20		
Chromium	ug/L	2.5U	250	250	263	263	104	105	75-125	.2	20		
Cobalt	ug/L	5.0U	250	250	260	261	104	104	75-125	.7	20		
Copper	ug/L	2.5U	250	250	293	294	116	117	75-125	.4	20		
Iron	ug/L	1140	2500	2500	3690	3740	102	104	75-125	1	20		
Lead	ug/L	5.0U	250	250	240	240	96	96	75-125	.04	20		
Nickel	ug/L	2.5U	250	250	254	256	101	102	75-125	.7	20		
Selenium	ug/L	7.5U	250	250	254	255	101	102	75-125	.6	20		
Silver	ug/L	2.5U	25	25	25.4	25.4	102	102	75-125	.2	20		
Sodium	mg/L	24.1	12.5	12.5	38.0	37.7	110	109	75-125	.6	20		
Vanadium	ug/L	6.1 I	250	250	267	267	104	104	75-125	.07	20		
Zinc	ug/L	10.0U	1250	1250	1260	1270	101	102	75-125	.8	20		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: MPRP/6420 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 290268 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/14/11 22:12	
Thallium	ug/L	0.50U	1.0	11/14/11 22:12	

LABORATORY CONTROL SAMPLE: 290269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	47.3	95	90-110	
Thallium	ug/L	50	48.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 290270 290271

Parameter	Units	3543012002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Antimony	ug/L	0.50U	50	50	49.0	47.6	98	95	70-130	3	20	
Thallium	ug/L	0.50U	50	50	51.1	51.0	102	102	70-130	3	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: MSV/4150 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543012008, 3543012009, 3543012010

METHOD BLANK: 293103 Matrix: Water
Associated Lab Samples: 3543012008, 3543012009, 3543012010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/17/11 12:27	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/17/11 12:27	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/17/11 12:27	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/17/11 12:27	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/17/11 12:27	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/17/11 12:27	
2-Hexanone	ug/L	5.0U	10.0	11/17/11 12:27	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/17/11 12:27	
Acetone	ug/L	5.0U	10.0	11/17/11 12:27	
Acrylonitrile	ug/L	5.0U	10.0	11/17/11 12:27	
Benzene	ug/L	0.50U	1.0	11/17/11 12:27	
Bromochloromethane	ug/L	0.50U	1.0	11/17/11 12:27	
Bromodichloromethane	ug/L	0.27U	0.60	11/17/11 12:27	
Bromoform	ug/L	0.50U	1.0	11/17/11 12:27	
Bromomethane	ug/L	0.50U	1.0	11/17/11 12:27	
Carbon disulfide	ug/L	5.0U	10.0	11/17/11 12:27	
Carbon tetrachloride	ug/L	0.50U	1.0	11/17/11 12:27	
Chlorobenzene	ug/L	0.50U	1.0	11/17/11 12:27	
Chloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
Chloroform	ug/L	0.50U	1.0	11/17/11 12:27	
Chloromethane	ug/L	0.62U	1.0	11/17/11 12:27	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/17/11 12:27	
Dibromochloromethane	ug/L	0.26U	0.50	11/17/11 12:27	
Dibromomethane	ug/L	0.50U	1.0	11/17/11 12:27	
Ethylbenzene	ug/L	0.50U	1.0	11/17/11 12:27	
Iodomethane	ug/L	0.50U	1.0	11/17/11 12:27	
Methylene Chloride	ug/L	2.5U	5.0	11/17/11 12:27	
Styrene	ug/L	0.50U	1.0	11/17/11 12:27	
Tetrachloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
Toluene	ug/L	0.50U	1.0	11/17/11 12:27	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/17/11 12:27	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/17/11 12:27	
Trichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

METHOD BLANK: 293103 Matrix: Water

Associated Lab Samples: 3543012008, 3543012009, 3543012010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	11/17/11 12:27	
Vinyl acetate	ug/L	1.0U	2.0	11/17/11 12:27	
Vinyl chloride	ug/L	0.50U	1.0	11/17/11 12:27	
Xylene (Total)	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichloroethane-d4 (S)	%	102	86-125	11/17/11 12:27	
4-Bromofluorobenzene (S)	%	88	70-114	11/17/11 12:27	
Dibromofluoromethane (S)	%	103	88-117	11/17/11 12:27	
Toluene-d8 (S)	%	101	87-113	11/17/11 12:27	

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LABORATORY CONTROL SAMPLE: 293104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	16.6	83	70-130	
1,1,1-Trichloroethane	ug/L	20	16.5	82	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.9	89	70-130	
1,1,2-Trichloroethane	ug/L	20	17.5	88	70-130	
1,1-Dichloroethane	ug/L	20	19.8	99	70-130	
1,2-Dichloroethane	ug/L	20	17.9	90	70-130	
1,2,3-Trichloropropane	ug/L	20	16.8	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.5	92	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	16.3	82	70-130	
1,2-Dichlorobenzene	ug/L	20	16.4	82	70-130	
1,2-Dichloroethane	ug/L	20	16.6	83	70-130	
1,2-Dichloropropane	ug/L	20	18.2	91	70-130	
1,4-Dichlorobenzene	ug/L	20	16.7	83	70-130	
2-Butanone (MEK)	ug/L	20	20.1	100	55-167	
2-Hexanone	ug/L	20	20.2	101	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.3	101	70-130	
Acetone	ug/L	20	20.1	101	40-150	
Acrylonitrile	ug/L	200	217	109	70-130	
Benzene	ug/L	20	17.9	89	70-130	
Bromochloromethane	ug/L	20	17.7	88	70-130	
Bromodichloromethane	ug/L	20	17.4	87	70-130	
Bromoform	ug/L	20	15.0	75	68-130	
Bromomethane	ug/L	20	21.8	109	38-179	
Carbon disulfide	ug/L	20	16.4	82	51-155	
Carbon tetrachloride	ug/L	20	15.8	79	70-130	
Chlorobenzene	ug/L	20	16.9	84	70-130	
Chloroethane	ug/L	20	22.4	112	59-149	
Chloroform	ug/L	20	17.3	87	70-130	
Chloromethane	ug/L	20	22.4	112	68-130	
cis-1,2-Dichloroethene	ug/L	20	16.5	83	70-130	
cis-1,3-Dichloropropene	ug/L	20	16.7	84	70-130	
Dibromochloromethane	ug/L	20	14.6	73	70-130	
Dibromomethane	ug/L	20	16.0	80	70-130	

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

LABORATORY CONTROL SAMPLE: 293104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	16.8	84	70-130	
Iodomethane	ug/L	20	16.5	83	43-160	
Methylene Chloride	ug/L	20	21.6	108	70-130	
Styrene	ug/L	20	16.5	82	70-130	
Tetrachloroethene	ug/L	20	14.7	73	66-133	
Toluene	ug/L	20	16.2	81	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.4	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	15.4	77	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.1	85	65-130	
Trichloroethene	ug/L	20	17.6	88	70-130	
Trichlorofluoromethane	ug/L	20	16.1	80	70-131	
Vinyl acetate	ug/L	20	17.0	85	69-135	
Vinyl chloride	ug/L	20	18.5	93	69-140	
Xylene (Total)	ug/L	60	48.6	81	70-130	
1,2-Dichloroethane-d4 (S)	%			103	86-125	
4-Bromofluorobenzene (S)	%			92	70-114	
Dibromofluoromethane (S)	%			99	88-117	
Toluene-d8 (S)	%			103	87-113	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293149 293150

Parameter	Units	3543012009		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		Result	Conc.	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20	19.3	21.0	97	105	39-130	8	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20	19.5	22.3	97	112	47-141	14	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20	22.1	23.3	111	117	49-131	5	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20	20.7	0.50U	104	0	50-130	40	J(M1)	
1,1-Dichloroethane	ug/L	0.50U	20	20	20	23.1	25.6	116	128	54-137	10	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	20	22.1	25.1	110	125	45-155	13	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	20	22.3	15.7	112	78	31-132	35	40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	20	19.2	21.2	96	106	37-130	10	40	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20	20.0	20.6	100	103	51-132	3	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	20	18.9	21.4	95	107	43-130	12	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	20	19.8	21.0	99	105	54-130	6	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	20	21.4	23.6	107	118	53-130	10	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20	18.8	21.5	94	108	38-130	14	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	20	24.2	22.7	121	114	48-138	6	40	
2-Hexanone	ug/L	5.0U	20	20	20	27.7	23.3	139	117	38-130	17	40	J(M1)
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20	24.9	24.1	125	120	28-143	3	40	
Acetone	ug/L	5.0U	20	20	20	11.0	10.2	55	51	20-140	7	40	
Acrylonitrile	ug/L	5.0U	200	200	200	261	262	130	131	46-130	.6	40	J(M1)
Benzene	ug/L	0.50U	20	20	20	21.2	23.3	106	116	53-132	9	40	
Bromochloromethane	ug/L	0.50U	20	20	20	20.4	22.6	102	113	54-132	10	40	
Bromodichloromethane	ug/L	0.27U	20	20	20	20.6	22.5	103	113	46-130	9	40	
Bromoform	ug/L	0.50U	20	20	20	16.0	17.8	80	89	32-130	11	40	
Bromomethane	ug/L	0.50U	20	20	20	31.3	33.8	156	169	20-152	8	40	J(M1)
Carbon disulfide	ug/L	5.0U	20	20	20	22.8	22.7	114	114	28-184	.1	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Parameter	Units	293149		293150		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		3543012009 Result	MS Spike Conc.	MSD Spike Conc.									
Carbon tetrachloride	ug/L	0.50U	20	20	20.4	22.9	102	114	37-137	12	40		
Chlorobenzene	ug/L	0.50U	20	20	19.6	21.9	98	110	46-130	11	40		
Chloroethane	ug/L	0.50U	20	20	20.0	34.3	100	171	48-159	53	40	J(D6), J(M1)	
Chloroform	ug/L	0.50U	20	20	20.4	22.7	102	113	51-130	11	40		
Chloromethane	ug/L	0.62U	20	20	32.1	33.3	161	166	39-144	4	40	J(M1)	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.3	21.4	97	107	54-130	10	40		
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	16.6	19.1	83	96	45-130	14	40		
Dibromochloromethane	ug/L	0.26U	20	20	17.1	18.8	85	94	43-130	9	40		
Dibromomethane	ug/L	0.50U	20	20	18.1	20.3	91	101	50-130	11	40		
Ethylbenzene	ug/L	0.50U	20	20	20.0	22.5	100	112	43-130	12	40		
Iodomethane	ug/L	0.50U	20	20	22.2	24.7	111	124	20-169	11	40		
Methylene Chloride	ug/L	2.5U	20	20	23.4	26.8	117	134	51-135	13	40		
Styrene	ug/L	0.50U	20	20	19.0	21.6	95	108	40-130	13	40		
Tetrachloroethene	ug/L	0.50U	20	20	17.2	20.7	86	103	26-130	19	40		
Toluene	ug/L	0.50U	20	20	19.4	21.4	97	107	50-130	10	40		
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.5	24.8	112	124	48-142	10	40		
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.1	18.5	86	92	45-130	8	40		
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	15.2	15.6	76	78	20-139	2	40		
Chloroethene	ug/L	0.50U	20	20	21.4	24.6	107	123	42-133	14	40		
Chlorofluoromethane	ug/L	0.50U	20	20	22.9	26.4	115	132	46-146	14	40		
Vinyl acetate	ug/L	1.0U	20	20	15.7	31.8	79	159	20-165	67	40	J(D6)	
Vinyl chloride	ug/L	0.50U	20	20	26.6	28.1	133	141	57-142	5	40		
Xylene (Total)	ug/L	0.50U	60	60	57.7	65.7	96	109	42-130	13	40		
1,2-Dichloroethane-d4 (S)	%						99	88	86-125				
4-Bromofluorobenzene (S)	%						91	93	70-114				
Dibromofluoromethane (S)	%						102	97	88-117				
Toluene-d8 (S)	%						102	101	87-113				

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: MSV/4173 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007

METHOD BLANK: 295240 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/21/11 19:39	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/21/11 19:39	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/21/11 19:39	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/21/11 19:39	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/21/11 19:39	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/21/11 19:39	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/21/11 19:39	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/21/11 19:39	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/21/11 19:39	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/21/11 19:39	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/21/11 19:39	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/21/11 19:39	
2-Hexanone	ug/L	5.0U	10.0	11/21/11 19:39	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/21/11 19:39	
Acetone	ug/L	5.0U	10.0	11/21/11 19:39	
Acrylonitrile	ug/L	5.0U	10.0	11/21/11 19:39	
Benzene	ug/L	0.50U	1.0	11/21/11 19:39	
Bromochloromethane	ug/L	0.50U	1.0	11/21/11 19:39	
Bromodichloromethane	ug/L	0.27U	0.60	11/21/11 19:39	
Bromoform	ug/L	0.50U	1.0	11/21/11 19:39	
Bromomethane	ug/L	0.50U	1.0	11/21/11 19:39	
Carbon disulfide	ug/L	5.0U	10.0	11/21/11 19:39	
Carbon tetrachloride	ug/L	0.50U	1.0	11/21/11 19:39	
Chlorobenzene	ug/L	0.50U	1.0	11/21/11 19:39	
Chloroethane	ug/L	0.50U	1.0	11/21/11 19:39	
Chloroform	ug/L	0.50U	1.0	11/21/11 19:39	
Chloromethane	ug/L	0.62U	1.0	11/21/11 19:39	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/21/11 19:39	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/21/11 19:39	
Dibromochloromethane	ug/L	0.26U	0.50	11/21/11 19:39	
Dibromomethane	ug/L	0.50U	1.0	11/21/11 19:39	
Ethylbenzene	ug/L	0.50U	1.0	11/21/11 19:39	
Iodomethane	ug/L	0.50U	1.0	11/21/11 19:39	
Methylene Chloride	ug/L	2.5U	5.0	11/21/11 19:39	
Styrene	ug/L	0.50U	1.0	11/21/11 19:39	
Tetrachloroethene	ug/L	0.50U	1.0	11/21/11 19:39	
Toluene	ug/L	0.50U	1.0	11/21/11 19:39	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/21/11 19:39	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/21/11 19:39	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/21/11 19:39	
Trichloroethene	ug/L	0.50U	1.0	11/21/11 19:39	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/21/11 19:39	
Vinyl acetate	ug/L	1.0U	2.0	11/21/11 19:39	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

METHOD BLANK: 295240

Matrix: Water

Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	11/21/11 19:39	
Xylene (Total)	ug/L	0.50U	1.0	11/21/11 19:39	
1,2-Dichloroethane-d4 (S)	%	104	86-125	11/21/11 19:39	
4-Bromofluorobenzene (S)	%	105	70-114	11/21/11 19:39	
Dibromofluoromethane (S)	%	103	88-117	11/21/11 19:39	
Toluene-d8 (S)	%	104	87-113	11/21/11 19:39	

LABORATORY CONTROL SAMPLE: 295241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.9	109	70-130	
1,1,1-Trichloroethane	ug/L	20	24.3	122	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.4	102	70-130	
1,1,2-Trichloroethane	ug/L	20	21.4	107	70-130	
1,1-Dichloroethane	ug/L	20	22.8	114	70-130	
1,1-Dichloroethene	ug/L	20	22.9	114	70-130	
1,2,3-Trichloropropane	ug/L	20	18.7	94	70-130	
Dichlorobenzene	ug/L	20	21.1	105	70-130	
Dichloroethane	ug/L	20	24.2	121	70-130	
1,2-Dichloropropane	ug/L	20	22.5	112	70-130	
1,4-Dichlorobenzene	ug/L	20	21.2	106	70-130	
2-Butanone (MEK)	ug/L	20	19.7	99	55-167	
2-Hexanone	ug/L	20	19.2	96	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	21.2	106	70-130	
Acetone	ug/L	20	19.1	96	40-150	
Acrylonitrile	ug/L	200	234	117	70-130	
Benzene	ug/L	20	23.5	118	70-130	
Bromochloromethane	ug/L	20	23.7	119	70-130	
Bromodichloromethane	ug/L	20	22.6	113	70-130	
Bromoform	ug/L	20	22.8	114	68-130	
Bromomethane	ug/L	20	24.7	124	38-179	
Carbon disulfide	ug/L	20	18.8	94	51-155	
Carbon tetrachloride	ug/L	20	24.3	121	70-130	
Chlorobenzene	ug/L	20	21.8	109	70-130	
Chloroethane	ug/L	20	25.1	126	59-149	
Chloroform	ug/L	20	22.1	111	70-130	
Chloromethane	ug/L	20	23.8	119	68-130	
cis-1,2-Dichloroethene	ug/L	20	20.9	104	70-130	
cis-1,3-Dichloropropene	ug/L	20	22.7	114	70-130	
Dibromochloromethane	ug/L	20	21.1	106	70-130	
Dibromomethane	ug/L	20	24.4	122	70-130	
Ethylbenzene	ug/L	20	21.8	109	70-130	
Iodomethane	ug/L	20	21.3	106	43-160	
Methylene Chloride	ug/L	20	22.3	112	70-130	
Styrene	ug/L	20	21.6	108	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pomoka Semi-annual LF
Pace Project No.: 3543012

LABORATORY CONTROL SAMPLE: 295241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	22.0	110	66-133	
Toluene	ug/L	20	21.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.3	107	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.4	107	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.2	106	65-130	
Trichloroethene	ug/L	20	23.5	118	70-130	
Trichlorofluoromethane	ug/L	20	27.4	137	70-131 J(L0)	
Vinyl acetate	ug/L	20	20.8	104	69-135	
Vinyl chloride	ug/L	20	24.5	122	69-140	
Xylene (Total)	ug/L	60	66.0	110	70-130	
1,2-Dichloroethane-d4 (S)	%			100	86-125	
4-Bromofluorobenzene (S)	%			101	70-114	
Dibromofluoromethane (S)	%			102	88-117	
Toluene-d8 (S)	%			102	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 295820 295821

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Q	
		3543568002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	23.4	22.5	117	113	39-130	4	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	26.4	26.2	132	131	47-141	7	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20.8	19.8	104	99	49-131	5	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	22.2	22.2	111	111	50-130	.03	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	24.7	24.7	124	124	54-137	.04	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	25.3	25.2	126	126	45-155	.4	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	18.6	17.8	93	89	31-132	4	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	21.6	21.3	108	107	43-130	1	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	25.4	24.8	127	124	54-130	2	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	23.3	23.7	116	119	53-130	2	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	21.9	20.7	109	103	38-130	6	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	22.1	18.7	110	93	48-138	17	40	
2-Hexanone	ug/L	5.0U	20	20	19.5	19.4	97	97	38-130	2	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	20.7	19.7	103	99	28-143	5	40	
Acetone	ug/L	5.0U	20	20	18.1	19.3	90	96	20-140	6	40	
Acrylonitrile	ug/L	5.0U	200	200	242	229	121	114	46-130	6	40	
Benzene	ug/L	0.50U	20	20	25.0	24.9	125	124	53-132	.2	40	
Bromochloromethane	ug/L	0.50U	20	20	24.7	24.0	123	120	54-132	3	40	
Bromodichloromethane	ug/L	0.27U	20	20	23.0	23.4	115	117	46-130	2	40	
Bromoform	ug/L	0.50U	20	20	23.1	22.3	116	112	32-130	4	40	
Bromomethane	ug/L	0.50U	20	20	24.7	23.3	124	117	20-152	6	40	
Carbon disulfide	ug/L	5.0U	20	20	20.5	20.2	100	99	28-184	2	40	
Carbon tetrachloride	ug/L	0.50U	20	20	26.9	26.5	135	132	37-137	2	40	
Chlorobenzene	ug/L	0.50U	20	20	23.8	23.3	119	116	46-130	2	40	
Chloroethane	ug/L	0.50U	20	20	28.9	27.6	145	138	48-159	5	40	
Chloroform	ug/L	0.50U	20	20	23.1	24.4	116	122	51-130	5	40	
Chloromethane	ug/L	0.62U	20	20	25.8	25.4	129	127	39-144	1	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	23.1	22.7	116	113	54-130	2	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Parameter	3543568002		MS		MSD		MS		MSD		% Rec	Limits	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	22.1	22.1	110	110	45-130	.1	40			
Dibromochloromethane	ug/L	0.26U	20	20	21.7	21.7	109	108	43-130	.1	40			
Dibromomethane	ug/L	0.50U	20	20	24.2	23.7	121	119	50-130	2	40			
Ethylbenzene	ug/L	0.50U	20	20	23.9	23.2	119	116	43-130	3	40			
Iodomethane	ug/L	0.50U	20	20	22.3	21.0	111	105	20-169	6	40			
Methylene Chloride	ug/L	2.5U	20	20	23.9	23.6	117	116	51-135	1	40			
Styrene	ug/L	0.50U	20	20	22.8	22.5	114	113	40-130	1	40			
Tetrachloroethene	ug/L	0.50U	20	20	23.8	22.6	119	113	26-130	5	40			
Toluene	ug/L	0.50U	20	20	23.8	23.3	118	116	50-130	2	40			
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	23.1	22.8	115	114	48-142	1	40			
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	21.4	20.7	107	103	45-130	3	40			
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	18.9	17.4	95	87	20-139	9	40			
Trichloroethene	ug/L	0.50U	20	20	25.1	25.3	126	126	42-133	.6	40			
Trichlorofluoromethane	ug/L	0.50U	20	20	29.3	29.1	146	145	46-146	.7	40			
Vinyl acetate	ug/L	1.0U	20	20	18.0	19.4	90	97	20-165	7	40			
Vinyl chloride	ug/L	0.50U	20	20	27.0	26.7	135	134	57-142	1	40			
Xylene (Total)	ug/L	0.50U	60	60	71.4	69.9	119	116	42-130	2	40			
1,2-Dichloroethane-d4 (S)	%						101	101	86-125					
4-Bromofluorobenzene (S)	%						105	103	70-114					
Bromofluoromethane (S)	%						103	104	88-117					
Benzene-d8 (S)	%						102	102	87-113					

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: OEXT/6469 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3543012001, 3543012002, 3543012003

METHOD BLANK: 292563 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/17/11 16:26	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/17/11 16:26	

LABORATORY CONTROL SAMPLE: 292564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.25	102	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293143 293144

Parameter	Units	3542893006		MS	MSD	MS	MSD	% Rec	MSD	% Rec	Max	RPD	RPD	Q
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD		
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	.44	.44	0.48	0.51	111	116	60-140	5	40			
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.50	0.53	115	121	60-140	5	40			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

QC Batch: OEXT/6470 Analysis Method: EPA 8011
 QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
 Associated Lab Samples: 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 292565 Matrix: Water
 Associated Lab Samples: 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/17/11 23:04	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/17/11 23:04	

LABORATORY CONTROL SAMPLE: 292566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.27	109	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.29	117	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293192 293193

Parameter	Units	3543012004 Result	MS Spike Conc.	MSD Spike Conc.	293192		293193		% Rec Limits	Max RPD	Qual
					MS Result	MSD Result	MS % Rec	MSD % Rec			
1,2-Dibromo-3-chloropropane	ug/L	0.0051 U	.44	.44	0.55	0.58	126	133	60-140	6	40
1,2-Dibromoethane (EDB)	ug/L	0.0065 U	.44	.44	0.49	0.52	112	118	60-140	5	40

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: WET/10922 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006

METHOD BLANK: 291057 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/15/11 10:12	

LABORATORY CONTROL SAMPLE: 291058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	279	93	90-110	

SAMPLE DUPLICATE: 291059

Parameter	Units	3542958002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	62.0	57.0	8	20	

SAMPLE DUPLICATE: 291060

Parameter	Units	3542985005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	3250	3280	.9	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: WET/10933 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3543012007, 3543012008, 3543012009

METHOD BLANK: 291957 Matrix: Water
Associated Lab Samples: 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/16/11 09:01	

LABORATORY CONTROL SAMPLE: 291958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	288	96	90-110	

SAMPLE DUPLICATE: 291959

Parameter	Units	3543012007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	804	810	.7	20	

SAMPLE DUPLICATE: 291960

Parameter	Units	3543106007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	834	820	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: WETA/13317 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 289952 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/11/11 21:33	

LABORATORY CONTROL SAMPLE: 289953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.7	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289954 289955

Parameter	Units	3542999008 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Nitrate as N	mg/L	2.4	5	5	7.4	7.4	101	101	90-110	.01	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289956 289957

Parameter	Units	3542999008 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.								
Nitrate as N	mg/L	2.4	5	5	4.7	4.7	46	46	90-110	.05	20	J(M1)

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: WETA/13319 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 289965 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/11/11 21:33	
Sulfate	mg/L	2.5U	5.0	11/11/11 21:33	

LABORATORY CONTROL SAMPLE: 289966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	47.6	95	90-110	
Sulfate	mg/L	50	46.2	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 289967 289968

Parameter	Units	3543012005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chloride	mg/L	40.8	50	50	93.6	93.6	105	105	90-110	.03	20
Sulfate	mg/L	139	50	50	209	209	141	141	90-110	.02	20

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

QC Batch: WETA/13455 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

METHOD BLANK: 293794 Matrix: Water
Associated Lab Samples: 3543012001, 3543012002, 3543012003, 3543012004, 3543012005, 3543012006, 3543012007, 3543012008, 3543012009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/18/11 09:26	

LABORATORY CONTROL SAMPLE: 293795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 293797

Parameter	Units	3543012001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	1.0	102	90-110	

SAMPLE DUPLICATE: 293796

Parameter	Units	3543012001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		20	

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QUALIFIERS

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

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.

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.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- 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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

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Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543012002	B40-1		FLD/		
3543012003	B40-1 DUP		FLD/		
3543012004	B40-2		FLD/		
3543012005	B65		FLD/		
3543012006	B41-2		FLD/		
3543012007	B1-B		FLD/		
3543012008	B42-2		FLD/		
3543012009	B42-1		FLD/		
3543012001	Equipment Blank (11/11/11)	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543012002	B40-1	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543012003	B40-1 DUP	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543012004	B40-2	EPA 8011	OEXT/6470	EPA 8011	GCSV/4732
3543012005	B65	EPA 8011	OEXT/6470	EPA 8011	GCSV/4732
3543012006	B41-2	EPA 8011	OEXT/6470	EPA 8011	GCSV/4732
3543012007	B1-B	EPA 8011	OEXT/6470	EPA 8011	GCSV/4732
3543012008	B42-2	EPA 8011	OEXT/6470	EPA 8011	GCSV/4732
3543012009	B42-1	EPA 8011	OEXT/6470	EPA 8011	GCSV/4732
3543012001	Equipment Blank (11/11/11)	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012002	B40-1	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012003	B40-1 DUP	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012004	B40-2	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012005	B65	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012006	B41-2	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012007	B1-B	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012008	B42-2	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012009	B42-1	EPA 3010	MPRP/6419	EPA 6010	ICP/4431
3543012001	Equipment Blank (11/11/11)	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012002	B40-1	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012003	B40-1 DUP	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012004	B40-2	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012005	B65	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012006	B41-2	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012007	B1-B	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012008	B42-2	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012009	B42-1	EPA 3010	MPRP/6420	EPA 6020	ICPM/2847
3543012001	Equipment Blank (11/11/11)	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012002	B40-1	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012003	B40-1 DUP	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012004	B40-2	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012005	B65	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012006	B41-2	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012007	B1-B	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012008	B42-2	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012009	B42-1	EPA 7470	MERP/2258	EPA 7470	MERC/2265
3543012001	Equipment Blank (11/11/11)	EPA 8260	MSV/4173		
3543012002	B40-1	EPA 8260	MSV/4173		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
 Pace Project No.: 3543012

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543012003	B40-1 DUP	EPA 8260	MSV/4173		
3543012004	B40-2	EPA 8260	MSV/4173		
3543012005	B65	EPA 8260	MSV/4173		
3543012006	B41-2	EPA 8260	MSV/4173		
3543012007	B1-B	EPA 8260	MSV/4173		
3543012008	B42-2	EPA 8260	MSV/4150		
3543012009	B42-1	EPA 8260	MSV/4150		
3543012010	Trip Blank (11/11/11)	EPA 8260	MSV/4150		
3543012001	Equipment Blank (11/11/11)	SM 2540C	WET/10922		
3543012002	B40-1	SM 2540C	WET/10922		
3543012003	B40-1 DUP	SM 2540C	WET/10922		
3543012004	B40-2	SM 2540C	WET/10922		
3543012005	B65	SM 2540C	WET/10922		
3543012006	B41-2	SM 2540C	WET/10922		
3543012007	B1-B	SM 2540C	WET/10933		
3543012008	B42-2	SM 2540C	WET/10933		
3543012009	B42-1	SM 2540C	WET/10933		
3543012001	Equipment Blank (11/11/11)	EPA 300.0	WETA/13317		
3543012002	B40-1	EPA 300.0	WETA/13317		
3543012003	B40-1 DUP	EPA 300.0	WETA/13317		
3543012004	B40-2	EPA 300.0	WETA/13317		
3543012005	B65	EPA 300.0	WETA/13317		
3543012006	B41-2	EPA 300.0	WETA/13317		
3543012007	B1-B	EPA 300.0	WETA/13317		
3543012008	B42-2	EPA 300.0	WETA/13317		
3543012009	B42-1	EPA 300.0	WETA/13317		
3543012001	Equipment Blank (11/11/11)	EPA 300.0	WETA/13319		
3543012001	Equipment Blank (11/11/11)	EPA 300.0	WETA/		
3543012002	B40-1	EPA 300.0	WETA/13319		
3543012003	B40-1 DUP	EPA 300.0	WETA/13319		
3543012004	B40-2	EPA 300.0	WETA/13319		
3543012005	B65	EPA 300.0	WETA/13319		
3543012006	B41-2	EPA 300.0	WETA/13319		
3543012007	B1-B	EPA 300.0	WETA/13319		
3543012008	B42-2	EPA 300.0	WETA/13319		
3543012008	B42-2	EPA 300.0	WETA/		
3543012009	B42-1	EPA 300.0	WETA/13319		
3543012001	Equipment Blank (11/11/11)	EPA 350.1	WETA/13455		
3543012002	B40-1	EPA 350.1	WETA/13455		
3543012003	B40-1 DUP	EPA 350.1	WETA/13455		
3543012004	B40-2	EPA 350.1	WETA/13455		
3543012005	B65	EPA 350.1	WETA/13455		
3543012006	B41-2	EPA 350.1	WETA/13455		
3543012007	B1-B	EPA 350.1	WETA/13455		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual LF
Pace Project No.: 3543012

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543012008	B42-2	EPA 350.1	WETA/13455		
3543012009	B42-1	EPA 350.1	WETA/13455		

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CHAIN-OF-CUSTODY / Analytical Request Document

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



3549012

Section A
Required Client Information:

Section C
Invoice Information:

Company: **INDUSIA A County Solid Waste mgmt**
 Address: **4900 TOMOKA FARMS RD.**
 City: **DAYTONA BEACH, FL 32117**
 State: **FL**

Report To: **MS. SEMI-FER STINK**
 Copy To: _____

Purchase Order No.: _____

Project Name: **TO MOKA SEMI-FARMING**
 Project Number: _____

Company Name: _____
 Address: _____
 City: _____ State: _____

Site Location: _____
 Regulatory Agency: _____

Page: _____ of _____
 Invoice Number: **1425249**

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MIXTURE TYPE (See valid codes to left)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Requested Analysis Filtered (Y/N)											Pace Project No./ Lab I.D.		
				COMPOSITE START	COMPOSITE END			Analysis Test	Unpreserved	H ₂ O ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	Residual Chlorine (Y/N)				
1	EQ		60	DATE: 11-11-11	TIME: 0930		8	Y													
2	B40-1			DATE: 11-11-11	TIME: 1013																
3	DUP																				
4	B40-2			DATE: 11-11-11	TIME: 1108																
5	B365			DATE: 11-11-11	TIME: 1158																
6	B41-1			DATE: 11-11-11	TIME: 1242																
7	B1-B			DATE: 11-11-11	TIME: 1343																
8	B42-2			DATE: 11-11-11	TIME: 1433																
9	B42-1			DATE: 11-11-11	TIME: 1514		2														
10	T.Rip blanks																				
11																					
12																					

RELINQUISHED BY / AFFILIATION: _____ DATE: 11-11-11

ACCEPTED BY / AFFILIATION: **D.S.D.** DATE: 11/11/11

ADDITIONAL COMMENTS: _____

Temp in °C: _____

Received on: _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

Signature of Sampler: **Roger Higdon**

Signature of Sampler: **Roy**

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: EQ	Sample ID: _____ Date: 11/11/11

PURGING DATA

YSI 2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: _____	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
(_____) X 0.16 Gallons/Foot = _____ Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (_____ X _____) + _____ = Gallons				

Initial Pump or Tubing Depth in Well (Feet): _____	Final Pump or Tubing Depth in Well: _____	Purging Initiated At: _____	Purging Ended At: _____	Total Volume Purged (Gallons): _____
--	---	-----------------------------	-------------------------	--------------------------------------

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
0930												

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 Tubing Inside DIA. Capacity (Gal./FT.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 0930		Sampling Ended At: 0943	
Pump or Tubing Depth in Well (Feet): _____		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: (Yes) (No)		Field Filtered: (Yes) (No) Filter Size: _____ µm	
Duplicate: (Yes) (No)		Sample ID Code		# Containers		Material Code		Volume	
Preservative Used		Total Volume Added in Field (mL)		Final pH		Intended Analysis and/or Method		Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 70°
 Rain: [Yes] [No]
 Wind Speed: _____
 Wind Direction: _____

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 0943 Bottles Preserved <2pH	

Field Notes: _____

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B401/D4P	Sample ID: _____ Date: 11/11/11

PURGING DATA

YSF 2606/2697

Tubing Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: 6.98	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(29.55 - 6.98) \times 0.16$ Gallons/foot = 3.6112 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume _____ = Gallons				

Initial Pump or Tubing Depth in Well (Feet): 12	Final Pump or Tubing Depth in Well: 14	Purging Initiated At: 0945	Purging Ended At: 1012	Total Volume Purged (Gallons): 67.5
--	---	-----------------------------------	-------------------------------	--

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or (µS/cm))	Dissolved Oxygen (mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1000	3.75	3.75	0.25	12.49	5.40	21.50	485	2.58	1.09	NO	NO	57.0
1004	1.0	4.75		13.10	5.45	21.56	506	2.65	0.22	±	±	51.1
1008	1.0	5.75		13.32	5.45	21.68	514	1.54	0.68	±	±	50.3
1012	1.0	6.75		12.40	5.44	21.72	520	1.08	0.14	±	±	47.8

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.10; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0028; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace				Sampler(s) Signatures: <i>R Higdon</i>				Sampling Initiated At: 1013	Sampling Ended At: 1033
Pump or Tubing Depth in Well (Feet): 14		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Contamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **70**
 Rain: [Yes] [No]
 Wind Speed: **0-3**
 Wind Direction: **SE**

<input type="checkbox"/> Surface Water	Taken From:		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore <input type="checkbox"/> Surface	Sampling Point: _____	Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 1034	Bottles Preserved <2pH

Field Notes: _____

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See Work Order/Bottle Order

Face Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B40-2	Sample ID: _____ Date: 11/11/11

PURGING DATA

YST 2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to _____	Static Depth to Water: 4.80	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume (17.40 - 4.80) X 0.16 Gallons/Foot = 2016 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				

Initial Pump or Tubing Depth in Well (Feet): 10		Final Pump or Tubing Depth in Well: 10		Purging Initiated At: 1040		Purging Ended At: 1101		Total Volume Purged (Gallons): 5.25				
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
049	0.25	0.25	0.25	5.65	6.03	21.77	7.09	0.68	1.81	110	110	88.1
052	0.75	3.0		5.72	6.01	21.97	7.17	0.43	1.65			87.6
055	0.75	3.75		5.70	6.01	22.01	7.23	0.37	1.65			77.8
058	0.75	4.50			6.01	22.09	7.23	0.33	1.46			62.2
101	0.75	5.25			6.01	22.10	7.23	0.30	1.28			59.8

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

SAMPLING DATA

Sampled By (Print): Roger Higdon			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 1102	Sampling Ended At: 1112	
Pump or Tubing Depth in Well (Feet): 10		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: [Yes] [No] <input checked="" type="checkbox"/> [Yes]		Field-Filtered: [Yes] [No] <input checked="" type="checkbox"/> [No]	Duplicate: [Yes] [No] <input checked="" type="checkbox"/> [No]	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **70°**
 Rain: [Yes] [No] [No]
 Wind Speed: **0-5**
 Wind Direction: **SE**

<input type="checkbox"/> Surface Water	Taken From:	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore <input type="checkbox"/> Surface	Sampling Point: _____ Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	mL per: [] Hour [] 1/2 Hour []
	<input type="checkbox"/> Wading <input type="checkbox"/> Other	
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____ [] Composite [] Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No] [] Composite [] Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____ [] Composite [] Grab
Discharged Method	<input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ 1113 Bottles Preserved <pH

Field Notes: _____

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See Work Order/Bottle Order

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: B65 Sample ID: Date: 11/11/11

PURGING DATA YSI 2606/2697

Tubing Diameter: 2" Well Screen Interval Depth: Feet to Static Depth to Water: 5.10 Sampling Device: PP
 Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
(17.76 - 5.10) X 0.16 Gallons/Foot = 2.0256 Gallons
 Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume

Initial Pump or Tubing Depth in Well (Feet): 11 Final Pump or Tubing Depth in Well: 11 Purging Initiated At: 1136 Purging Ended At: Total Volume Purged (Gallons):

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>11:45</u>	<u>2.25</u>	<u>2.25</u>	<u>25</u>	<u>5.48</u>	<u>5.96</u>	<u>21.19</u>	<u>626</u>	<u>0.33</u>	<u>1.40</u>	<u>NO.08</u>	<u>NO.08</u>	<u>9.0</u>
<u>11:48</u>	<u>25</u>	<u>3.0</u>	<u>L</u>	<u>L</u>	<u>5.96</u>	<u>21.22</u>	<u>627</u>	<u>0.27</u>	<u>2.32</u>	<u>L</u>	<u>L</u>	<u>5.5</u>
<u>11:51</u>	<u>125</u>	<u>3.75</u>	<u>L</u>	<u>L</u>	<u>5.96</u>	<u>21.21</u>	<u>627</u>	<u>0.22</u>	<u>1.73</u>	<u>L</u>	<u>L</u>	<u>3.7</u>

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 1.02; 8" = 1.47; 12" = 5.88
 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: [Signature] Sampling Initiated At: 1152 Sampling Ended At: 1202
 Pump or Tubing Depth in Well (Feet): 11 Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: [Yes] [No] Field-Filtered: [Yes] [No] Duplicate: [No] [Yes]
 Filter Size: _____ µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 71.0
 Rain: [Yes] [No]
 Wind Speed: 0.5
 Wind Direction: 52

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Waste Water: Start Time _____ Finish Time _____
 Total Depth: _____ Sampling Point: _____ Volume: _____
 Type: Lake Stream Composite Grab
 River Other _____ mL per: Hour 1/2 Hour

Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____ Composite Grab

Discharged Method: Ground Barrel On Ice @ 1203 Bottles Preserved <2pH

Field Notes: _____

See Work Order/Bottle Order

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Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: <u>B41-2</u>	Sample ID: _____ Date: <u>11/1/11</u>

PURGING DATA

YSI 2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: <u>6.32</u>	Sampling Device: <u>PP</u>
Well Volume Purge: $(17.78 \cdot 6.32) \times 0.16$ Gallons/Foot = <u>1,933.6</u> Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = _____ Gallons				

Initial Pump or Tubing Depth in Well (Feet): <u>11</u>	Final Pump or Tubing Depth in Well: <u>11</u>	Purging Initiated At: <u>1230</u>	Purging Ended At: <u>1242</u>	Total Volume Purged (Gallons): <u>3.0</u>
--	---	-----------------------------------	-------------------------------	---

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (μ mhos/cm or μ S/cm)	Dissolved Oxygen (cpele mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>1238</u>	<u>2.0</u>	<u>2.0</u>	<u>2.5</u>	<u>6.68</u>	<u>6.69</u>	<u>21.08</u>	<u>961</u>	<u>0.38</u>	<u>1.36</u>	<u>5</u>	<u>NO</u>	<u>-50.7</u>
<u>1240</u>	<u>1.0</u>	<u>3.0</u>	<u>1</u>	<u>6.69</u>	<u>6.69</u>	<u>21.10</u>	<u>963</u>	<u>0.33</u>	<u>1.27</u>	<u>1</u>	<u>1</u>	<u>-54.0</u>
<u>1242</u>	<u>1.0</u>	<u>3.0</u>	<u>1</u>	<u>6.69</u>	<u>6.69</u>	<u>21.09</u>	<u>967</u>	<u>0.38</u>	<u>1.03</u>	<u>1</u>	<u>1</u>	<u>-57.0</u>

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 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" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): <u>Roger Higdon</u>				Sampler(s) Signatures: <u>[Signature]</u>				Sampling Initiated At: <u>1243</u>	Sampling Ended At: <u>1253</u>
Pump or Tubing Depth in Well (Feet): <u>11</u>		Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>		Tubing Material Code: <u>PE</u>		Field Decontamination: <u>(Yes) [No]</u>		Field-Filtered: <u>[Yes] [No]</u>	Duplicate: <u>[Yes] [No]</u>
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 78°
 Rain: [Yes] [No]
 Wind Speed: 3-8
 Wind Direction: SE

<input type="checkbox"/> Surface Water		Taken From:		<input type="checkbox"/> Waste Water. Start Time _____ Finish Time _____	
Total Depth: _____		<input type="checkbox"/> Shore <input type="checkbox"/> Surface		Sampling Point: _____ Volume: _____	
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream		<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> River <input type="checkbox"/> Other _____		<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom		mL per. <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>	
		<input type="checkbox"/> Wading <input type="checkbox"/> Other _____			
<input type="checkbox"/> Soils/Sediment	Sampling Point:	Sample Depth:	<input type="checkbox"/> Composite <input type="checkbox"/> Grab		
<input type="checkbox"/> Drum Waste	Type:	Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab		
<input type="checkbox"/> Other:	Sampling Point:	Sample Depth:	<input type="checkbox"/> Composite <input type="checkbox"/> Grab		
Discharged Method		<input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ <u>1254</u>		Bottles Preserved <2pH

Field Notes:

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See Work Order/Bottle Order

JEP Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B1-B	Sample ID: _____ Date: 11/11/11

PURGING DATA YSI 2606/2697

Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: 9.59	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(35.80 - 9.59) \times 0.16$ Gallons/foot = 4.1936 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
= Gallons				

Initial Pump or Tubing Depth in Well (Feet): 15	Final Pump or Tubing Depth in Well: 15	Purging Initiated At: 1305	Purging Ended At: 1348	Total Volume Purged (Gallons): 9.25
--	---	-----------------------------------	-------------------------------	--

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1322	4.25	4.25	25	10.80	6.64	22.05	900	0.40	2.40	NO	NO	-37.5
1327	1.25	5.50	+	↓	6.64	22.05	900	0.39	2.47	↓	↓	-34.8
1332	1.25	6.75	+	↓	6.41	22.09	1267	0.27	2.10	↓	↓	-34.1
1337	1.25	8.0	↓	10.04	6.30	22.12	1302	0.26	0.91	↓	↓	-37.5
1342	1.25	9.25	↓	↓	6.30	22.12	1326	0.26	0.79	↓	↓	-38.3

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.18; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 6.88
 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): Roger Higdon			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 1343	Sampling Ended At: 1353	
Pump or Tubing Depth in Well (Feet): 15		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **70°**
 Rain: Yes No
 Wind Speed: **8-15**
 Wind Direction: **SE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] ½ Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1354 Bottles Preserved <2pH		

Field Notes: _____

See Work Order/Bottle Order

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DEP Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: <u>B42-2</u>	Sample ID: _____
Date: 11/11/11	

PURGING DATA

YSL 2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____	Feet to _____	Static Depth to Water: <u>5.43</u>	Sampling Device: <u>PP</u>
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume					
(<u>17.78 - 5.43</u>) X 0.16 Gallons/foot = <u>1.976</u> Gallons					
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume					
+ (_____ X _____) = Gallons					

Initial Pump or Tubing Depth in Well (feet): <u>11</u>	Final Pump or Tubing Depth in Well: <u>11</u>	Purging Initiated At: <u>1420</u>	Purging Ended At: <u>1432</u>	Total Volume Purged (Gallons): <u>3.0</u>
--	---	-----------------------------------	-------------------------------	---

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>1428</u>	<u>2.0</u>	<u>2.0</u>	<u>25</u>	<u>6.49</u>	<u>6.06</u>	<u>22.07</u>	<u>412</u>	<u>0.49</u>	<u>7.17</u>	<u>NO</u>	<u>NO</u>	<u>99.9</u>
<u>1430</u>	<u>.50</u>	<u>2.5</u>	<u>1</u>	<u>1</u>	<u>6.07</u>	<u>22.06</u>	<u>417</u>	<u>0.34</u>	<u>6.78</u>	<u>1</u>	<u>1</u>	<u>96.5</u>
<u>1432</u>	<u>.50</u>	<u>3.0</u>	<u>1</u>	<u>1</u>	<u>6.06</u>	<u>22.15</u>	<u>422</u>	<u>0.36</u>	<u>6.88</u>	<u>1</u>	<u>1</u>	<u>95.1</u>

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 6.88
 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): <u>Roger Higdon</u> / Pace				Sampler(s) Signatures: <u>R. Higdon</u>				Sampling Initiated At: <u>1433</u>	Sampling Ended At: <u>1443</u>
Pump or Tubing Depth in Well (Feet): <u>11</u>		Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>		Tubing Material Code: <u>PE</u>		Field Decontamination: <u>(Yes)</u> [No]		Field-Filtered: <u>(No)</u> [Yes]	Duplicate: <u>(No)</u> [Yes]
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 78.0
 Rain: [Yes] (No)
 Wind Speed: 3.3
 Wind Direction: SE

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	[] Composite [] Grab	
<input type="checkbox"/> Drum Waste Type: _____ Sampling Point: _____ Sample Depth: _____	[] Composite [] Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____	[] Composite [] Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground [] Barrel On Ice @ <u>1444</u> Bottles Preserved <2pH		

Field Notes: _____

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Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Malaysia County Solid waste ^{MAF} Project # _____

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking # _____

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

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used T-73 Type of Ice: Wet Blue None

Cooler Temperature °C 6.6 (Visual) -0.2 (Correction Factor) 6.4 (Actual)

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

Yes No

Date and Initials of person examining contents: 11-11-11 TC

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

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

Chain of Custody Present	<input type="checkbox"/>
Chain of Custody Filled Out	<input type="checkbox"/>
Relinquished Signature & Sampler Name COC	<input type="checkbox"/>
Samples Arrived within Hold Time	<input type="checkbox"/>
Sufficient Volume	<input type="checkbox"/>
Correct Containers Used	<input type="checkbox"/>
Containers Intact	<input type="checkbox"/>
Sample Labels match COC (sample IDs & date/time of collection)	<input type="checkbox"/>
No Labels: <input type="checkbox"/> No Time/Date on Labels: <input type="checkbox"/>	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> <u>DUP H2504 not preserved</u>
No Headspace in VOA Vials (>8mm):	<input type="checkbox"/>

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Preserved
Date/Time: 11-11-11 17:10
Lot #: PWC 3404
Preserved by: TC

Project Manager Review: _____

Date: 11/11/11

Finished Product Information Only	
F.P. Sample ID: _____	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: _____
Production Code: _____	
Date/Time Opened: _____	
Number of Unopened Bottles Remaining: _____	
Extra Sample in Shed: Yes <input type="checkbox"/> No <input type="checkbox"/>	

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DEP Central Dist

November 22, 2011

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

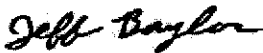
RE: Project: Tomoka Semi-annual
Pace Project No.: 3543106

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2011. 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

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Enclosures

cc: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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SAMPLE SUMMARY

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3543106001	EQ Blank (11/14/11)	Water	11/14/11 10:10	11/14/11 16:50
3543106002	B37-1	Water	11/14/11 10:32	11/14/11 16:50
3543106003	B37-1 DUP	Water	11/14/11 10:32	11/14/11 16:50
3543106004	B37-2	Water	11/14/11 11:18	11/14/11 16:50
3543106005	FA-1B	Water	11/14/11 11:44	11/14/11 16:50
3543106006	B36	Water	11/14/11 12:03	11/14/11 16:50
3543106007	B34-2	Water	11/14/11 12:20	11/14/11 16:50
3543106008	B64	Water	11/14/11 12:48	11/14/11 16:50
3543106009	B34-1	Water	11/14/11 13:13	11/14/11 16:50
3543106010	B38-1	Water	11/14/11 13:38	11/14/11 16:50
3543106011	B38-2	Water	11/14/11 14:12	11/14/11 16:50
3543106012	FA-2C	Water	11/14/11 14:27	11/14/11 16:50
3543106013	B39	Water	11/14/11 14:45	11/14/11 16:50
3543106014	MO5-B	Water	11/14/11 15:43	11/14/11 16:50
3543106015	Trip Blank (11/14/11)	Water	11/14/11 08:00	11/14/11 16:50

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REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543106001	EQ Blank (11/14/11)	EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
		3543106002	B37-1	EPA 8011	JLR
EPA 6010	IST			15	PASI-O
EPA 6020	HEA			2	PASI-O
EPA 7470	HEA			1	PASI-O
EPA 8260	ABD			49	PASI-O
SM 2540C	MMD			1	PASI-O
EPA 300.0	LAJ			1	PASI-O
EPA 300.0	LAJ			2	PASI-O
EPA 350.1	SOA			1	PASI-O
3543106003	B37-1 DUP			EPA 8011	JLR
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
		3543106004	B37-2	EPA 8011	JLR
EPA 6010	IST			15	PASI-O
EPA 6020	HEA			2	PASI-O
EPA 7470	HEA			1	PASI-O
EPA 8260	ABD			49	PASI-O
SM 2540C	MMD			1	PASI-O
EPA 300.0	LAJ			1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543106005	FA-1B	EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
3543106006	B36	EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
3543106007	B34-2	EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
3543106008	B64	EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543106009	B34-1	EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
			IST	15	PASI-O
			HEA	2	PASI-O
			HEA	1	PASI-O
3543106010	B38-1	EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	IRL, LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
			IST	15	PASI-O
			HEA	2	PASI-O
			HEA	1	PASI-O
3543106011	B38-2	EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
			IST	15	PASI-O
			HEA	2	PASI-O
			HEA	1	PASI-O
3543106012	FA-2C	EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543106013	B39	EPA 6010	IST	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
			IST	15	PASI-O
			HEA	2	PASI-O
			HEA	1	PASI-O
			ABD	49	PASI-O
			MMD	1	PASI-O
3543106014	MO5-B	EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
			JLR	2	PASI-O
			IST	15	PASI-O
			HEA	2	PASI-O
			HEA	1	PASI-O
			ABD	49	PASI-O
			MMD	1	PASI-O
			LAJ	1	PASI-O
			IRL, LAJ	2	PASI-O
			SOA	1	PASI-O
			ABD	51	PASI-O
		3543106015	Trip Blank (11/14/11)	EPA 8260	ABD

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543106002	B37-1					
	Field pH	6.43	Std. Units		11/14/11 10:32	
	Field Temperature	23.37	deg C		11/14/11 10:32	
	Appearance	Color:			11/14/11 10:32	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	2461	umhos/cm		11/14/11 10:32	
	Oxygen, Dissolved	0.23	mg/L		11/14/11 10:32	
	REDOX	-75.3	mV		11/14/11 10:32	
	Turbidity	3.57	NTU		11/14/11 10:32	
	Depth to Water	1.65	feet		11/14/11 10:32	
	Water Level(NGVD)	26.94	feet		11/14/11 10:32	
EPA 6010	Barium	236	ug/L	10.0	11/16/11 04:33	
EPA 6010	Iron	37600	ug/L	40.0	11/16/11 04:33	
EPA 6010	Sodium	236	mg/L	1.0	11/16/11 04:33	
EPA 7470	Mercury	0.18	ug/L	0.20	11/15/11 13:03	
EPA 8260	Benzene	12.1	ug/L	1.0	11/17/11 12:59	
EPA 8260	Chlorobenzene	12.0	ug/L	1.0	11/17/11 12:59	
EPA 8260	1,4-Dichlorobenzene	0.84	ug/L	1.0	11/17/11 12:59	
EPA 8260	Toluene	0.63	ug/L	1.0	11/17/11 12:59	
EPA 8260	Xylene (Total)	3.3	ug/L	1.0	11/17/11 12:59	
SM 2540C	Total Dissolved Solids	1570	mg/L	20.0	11/16/11 09:04	
EPA 300.0	Chloride	199	mg/L	10.0	11/15/11 14:32	
EPA 350.1	Nitrogen, Ammonia	0.48	mg/L	0.050	11/18/11 07:17	
3543106003	B37-1 DUP					
	Field pH	6.43	Std. Units		11/14/11 10:32	
	Field Temperature	23.37	deg C		11/14/11 10:32	
	Appearance	Color:			11/14/11 10:32	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	2461	umhos/cm		11/14/11 10:32	
	Oxygen, Dissolved	0.23	mg/L		11/14/11 10:32	
	REDOX	-75.3	mV		11/14/11 10:32	
	Turbidity	3.57	NTU		11/14/11 10:32	
	Depth to Water	1.65	feet		11/14/11 10:32	
	Water Level(NGVD)	26.94	feet		11/14/11 10:32	
EPA 6010	Barium	235	ug/L	10.0	11/16/11 04:37	
EPA 6010	Iron	37800	ug/L	40.0	11/16/11 04:37	
EPA 6010	Sodium	236	mg/L	1.0	11/16/11 04:37	
EPA 8260	Acetone	8.3	ug/L	10.0	11/17/11 13:23	
EPA 8260	Benzene	9.8	ug/L	1.0	11/17/11 13:23	
EPA 8260	Chlorobenzene	10.2	ug/L	1.0	11/17/11 13:23	
EPA 8260	1,4-Dichlorobenzene	0.75	ug/L	1.0	11/17/11 13:23	
EPA 8260	Ethylbenzene	2.3	ug/L	1.0	11/17/11 13:23	
EPA 8260	Toluene	0.60	ug/L	1.0	11/17/11 13:23	
EPA 8260	Xylene (Total)	3.0	ug/L	1.0	11/17/11 13:23	
SM 2540C	Total Dissolved Solids	1560	mg/L	20.0	11/16/11 09:04	

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Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3543106003	B37-1 DUP							
EPA 300.0	Chloride			199 mg/L		10.0	11/15/11 15:09	
EPA 350.1	Nitrogen, Ammonia			0.52 mg/L		0.050	11/18/11 07:18	
3543106004	B37-2							
	Field pH			6.38	Std. Units		11/14/11 11:18	
	Field Temperature			24.05	deg C		11/14/11 11:18	
	Appearance			Color:			11/14/11 11:18	
				Brown,				
				Sheen:				
				None				
	Field Specific Conductance			453	umhos/cm		11/14/11 11:18	
	Oxygen, Dissolved			0.25	mg/L		11/14/11 11:18	
	REDOX			-23.9	mV		11/14/11 11:18	
	Turbidity			7.37	NTU		11/14/11 11:18	
	Depth to Water			1.15	feet		11/14/11 11:18	
	Water Level(NGVD)			27.57	feet		11/14/11 11:18	
EPA 6010	Arsenic			6.6 l	ug/L	10.0	11/16/11 05:09	
EPA 6010	Barium			24.4	ug/L	10.0	11/16/11 05:09	
EPA 6010	Iron			8140	ug/L	40.0	11/16/11 05:09	
EPA 6010	Sodium			15.2	mg/L	1.0	11/16/11 05:09	
7470	Mercury			0.14 l	ug/L	0.20	11/15/11 13:20	
2540C	Total Dissolved Solids			285	mg/L	5.0	11/16/11 09:04	
EPA 300.0	Chloride			26.6	mg/L	5.0	11/15/11 15:21	
EPA 350.1	Nitrogen, Ammonia			0.38	mg/L	0.050	11/18/11 07:19	
3543106005	FA-1B							
	Field pH			7.14	Std. Units		11/14/11 11:44	
	Field Temperature			22.55	deg C		11/14/11 11:44	
	Appearance			Color:			11/14/11 11:44	
				None,				
				Sheen:				
				None				
	Field Specific Conductance			576	umhos/cm		11/14/11 11:44	
	Oxygen, Dissolved			0.04	mg/L		11/14/11 11:44	
	REDOX			-98.9	mV		11/14/11 11:44	
	Turbidity			0.01	NTU		11/14/11 11:44	
	Depth to Water			13.78	feet		11/14/11 11:44	
	Water Level(NGVD)			18.38	feet		11/14/11 11:44	
EPA 6010	Barium			29.5	ug/L	10.0	11/16/11 05:29	
EPA 6010	Iron			504	ug/L	40.0	11/16/11 05:29	
EPA 6010	Sodium			10.0	mg/L	1.0	11/16/11 05:29	
SM 2540C	Total Dissolved Solids			335	mg/L	5.0	11/16/11 09:04	
EPA 300.0	Chloride			13.7	mg/L	5.0	11/15/11 15:33	
EPA 350.1	Nitrogen, Ammonia			0.32	mg/L	0.050	11/18/11 07:22	
3543106006	B36							
	Field pH			6.32	Std. Units		11/14/11 12:03	
	Field Temperature			23.65	deg C		11/14/11 12:03	

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Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543106006	B36					
	Appearance	Color:			11/14/11 12:03	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	1668	umhos/cm		11/14/11 12:03	
	Oxygen, Dissolved	0.13	mg/L		11/14/11 12:03	
	REDOX	-24.8	mV		11/14/11 12:03	
	Turbidity	1.02	NTU		11/14/11 12:03	
	Depth to Water	1.53	feet		11/14/11 12:03	
	Water Level(NGVD)	27.74	feet		11/14/11 12:03	
EPA 6010	Barium	107	ug/L	10.0	11/16/11 06:30	
EPA 6010	Iron	4590	ug/L	40.0	11/16/11 06:30	
EPA 6010	Sodium	107	mg/L	1.0	11/16/11 06:30	
EPA 8260	Benzene	2.5	ug/L	1.0	11/17/11 14:12	
EPA 8260	Chlorobenzene	2.1	ug/L	1.0	11/17/11 14:12	
EPA 8260	1,1-Dichloroethane	2.0	ug/L	1.0	11/17/11 14:12	
EPA 8260	Xylene (Total)	0.85	l ug/L	1.0	11/17/11 14:12	
SM 2540C	Total Dissolved Solids	1080	mg/L	10.0	11/16/11 09:04	
EPA 300.0	Chloride	228	mg/L	25.0	11/22/11 02:10	
EPA 350.1	Nitrogen, Ammonia	0.19	mg/L	0.050	11/18/11 07:23	
3543106007	B34-2					
	Field pH	7.12	Std. Units		11/14/11 12:20	
	Field Temperature	23.58	deg C		11/14/11 12:20	
	Appearance	Color:			11/14/11 12:20	
		Orange,				
		Sheen:				
		None				
	Field Specific Conductance	1320	umhos/cm		11/14/11 12:20	
	Oxygen, Dissolved	0.06	mg/L		11/14/11 12:20	
	REDOX	-170.9	mV		11/14/11 12:20	
	Turbidity	1.33	NTU		11/14/11 12:20	
	Depth to Water	1.79	feet		11/14/11 12:20	
	Water Level(NGVD)	29.42	feet		11/14/11 12:20	
EPA 6010	Arsenic	12.5	ug/L	10.0	11/16/11 06:34	
EPA 6010	Barium	77.2	ug/L	10.0	11/16/11 06:34	
EPA 6010	Iron	16500	ug/L	40.0	11/16/11 06:34	
EPA 6010	Nickel	15.2	ug/L	5.0	11/16/11 06:34	
EPA 6010	Sodium	22.6	mg/L	1.0	11/16/11 06:34	
EPA 6010	Vanadium	6.8	l ug/L	10.0	11/16/11 06:34	
EPA 7470	Mercury	0.12	l ug/L	0.20	11/15/11 13:29	
EPA 8260	Toluene	0.75	l ug/L	1.0	11/18/11 18:39	
SM 2540C	Total Dissolved Solids	834	mg/L	10.0	11/16/11 09:05	
EPA 300.0	Chloride	35.6	mg/L	10.0	11/15/11 15:57	
EPA 300.0	Sulfate	45.4	mg/L	10.0	11/15/11 15:57	
EPA 350.1	Nitrogen, Ammonia	7.6	mg/L	0.050	11/18/11 07:24	
3543106008	B64					
	Field pH	5.96	Std. Units		11/14/11 12:48	

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Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543106008	B64					
	Field Temperature	22.77	deg C		11/14/11 12:48	
	Appearance	Color:			11/14/11 12:48	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	735	umhos/cm		11/14/11 12:48	
	Oxygen, Dissolved	0.26	mg/L		11/14/11 12:48	
	REDOX	-46.6	mV		11/14/11 12:48	
	Turbidity	7.19	NTU		11/14/11 12:48	
	Depth to Water	1.80	feet		11/14/11 12:48	
	Water Level(NGVD)	26.39	feet		11/14/11 12:48	
EPA 6010	Barium	93.6	ug/L	10.0	11/16/11 06:38	
EPA 6010	Iron	22900	ug/L	40.0	11/16/11 06:38	
EPA 6010	Sodium	32.0	mg/L	1.0	11/16/11 06:38	
EPA 6010	Zinc	39.3	ug/L	20.0	11/16/11 06:38	
SM 2540C	Total Dissolved Solids	524	mg/L	5.0	11/16/11 09:05	
EPA 300.0	Chloride	37.4	mg/L	5.0	11/15/11 16:09	
EPA 300.0	Sulfate	16.7	mg/L	5.0	11/15/11 16:09	
EPA 350.1	Nitrogen, Ammonia	0.99	mg/L	0.050	11/18/11 07:25	
3543106009	B34-1					
	Field pH	6.56	Std. Units		11/14/11 13:13	
	Field Temperature	23.20	deg C		11/14/11 13:13	
	Appearance	Color:			11/14/11 13:13	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	1025	umhos/cm		11/14/11 13:13	
	Oxygen, Dissolved	0.04	mg/L		11/14/11 13:13	
	REDOX	-90.9	mV		11/14/11 13:13	
	Turbidity	0.34	NTU		11/14/11 13:13	
	Depth to Water	3.65	feet		11/14/11 13:13	
	Water Level(NGVD)	27.53	feet		11/14/11 13:13	
EPA 6010	Barium	132	ug/L	10.0	11/16/11 06:43	
EPA 6010	Iron	21100	ug/L	40.0	11/16/11 06:43	
EPA 6010	Sodium	36.9	mg/L	1.0	11/16/11 06:43	
SM 2540C	Total Dissolved Solids	675	mg/L	5.0	11/16/11 09:06	
EPA 300.0	Chloride	57.9	mg/L	5.0	11/15/11 16:21	
EPA 300.0	Sulfate	134	mg/L	10.0	11/22/11 02:22	
EPA 350.1	Nitrogen, Ammonia	0.13	mg/L	0.050	11/18/11 07:26	
3543106010	B38-1					
	Field pH	4.55	Std. Units		11/14/11 13:38	
	Field Temperature	22.24	deg C		11/14/11 13:38	
	Appearance	Color:			11/14/11 13:38	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	314	umhos/cm		11/14/11 13:38	
	Oxygen, Dissolved	0.28	mg/L		11/14/11 13:38	

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Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543106010	B38-1					
	REDOX	118.2	mV		11/14/11 13:38	
	Turbidity	2.01	NTU		11/14/11 13:38	
	Depth to Water	4.16	feet		11/14/11 13:38	
	Water Level(NGVD)	24.06	feet		11/14/11 13:38	
EPA 6010	Barium	90.0	ug/L	10.0	11/16/11 06:47	
EPA 6010	Iron	19700	ug/L	40.0	11/16/11 06:47	
EPA 6010	Sodium	26.2	mg/L	1.0	11/16/11 06:47	
SM 2540C	Total Dissolved Solids	194	mg/L	5.0	11/16/11 09:07	
EPA 300.0	Chloride	56.6	mg/L	5.0	11/15/11 16:58	
EPA 300.0	Sulfate	13.5	mg/L	5.0	11/15/11 16:58	
EPA 350.1	Nitrogen, Ammonia	0.067	mg/L	0.050	11/18/11 07:27	
3543106011	B38-2					
	Field pH	5.66	Std. Units		11/14/11 14:12	
	Field Temperature	21.65	deg C		11/14/11 14:12	
	Appearance	Color:			11/14/11 14:12	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	338	umhos/cm		11/14/11 14:12	
	Oxygen, Dissolved	0.18	mg/L		11/14/11 14:12	
	REDOX	22.2	mV		11/14/11 14:12	
	Turbidity	3.19	NTU		11/14/11 14:12	
	Depth to Water	1.77	feet		11/14/11 14:12	
	Water Level(NGVD)	26.31	feet		11/14/11 14:12	
EPA 6010	Barium	17.2	ug/L	10.0	11/16/11 06:59	
EPA 6010	Iron	4740	ug/L	40.0	11/16/11 06:59	
EPA 6010	Sodium	14.2	mg/L	1.0	11/16/11 06:59	
SM 2540C	Total Dissolved Solids	284	mg/L	5.0	11/16/11 09:07	
EPA 300.0	Chloride	15.4	mg/L	5.0	11/15/11 17:34	
EPA 350.1	Nitrogen, Ammonia	0.52	mg/L	0.050	11/18/11 07:28	
3543106012	FA-2C					
	Field pH	7.47	Std. Units		11/14/11 14:27	
	Field Temperature	22.32	deg C		11/14/11 14:27	
	Appearance	Color:			11/14/11 14:27	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	715	umhos/cm		11/14/11 14:27	
	Oxygen, Dissolved	0.06	mg/L		11/14/11 14:27	
	REDOX	-171.4	mV		11/14/11 14:27	
	Turbidity	0.02	NTU		11/14/11 14:27	
	Depth to Water	13.59	feet		11/14/11 14:27	
	Water Level(NGVD)	13.31	feet		11/14/11 14:27	
EPA 6010	Barium	18.0	ug/L	10.0	11/16/11 07:03	
EPA 6010	Iron	1670	ug/L	40.0	11/16/11 07:03	
EPA 6010	Sodium	43.8	mg/L	1.0	11/16/11 07:03	
EPA 7470	Mercury	0.131	ug/L	0.20	11/15/11 13:48	

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543106012	FA-2C					
SM 2540C	Total Dissolved Solids	415	mg/L	5.0	11/16/11 09:07	
EPA 300.0	Chloride	67.6	mg/L	5.0	11/15/11 17:46	
EPA 350.1	Nitrogen, Ammonia	0.54	mg/L	0.050	11/18/11 07:29	
3543106013	B39					
	Field pH	4.61	Std. Units		11/14/11 14:45	
	Field Temperature	23.27	deg C		11/14/11 14:45	
	Appearance	Color:			11/14/11 14:45	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	164	umhos/cm		11/14/11 14:45	
	Oxygen, Dissolved	0.89	mg/L		11/14/11 14:45	
	REDOX	180.6	mV		11/14/11 14:45	
	Turbidity	15.2	NTU		11/14/11 14:45	
	Depth to Water	5.63	feet		11/14/11 14:45	
	Water Level(NGVD)	23.43	feet		11/14/11 14:45	
EPA 6010	Barium	28.4	ug/L	10.0	11/16/11 07:07	
EPA 6010	Chromium	5.3	ug/L	5.0	11/16/11 07:07	
EPA 6010	Iron	5320	ug/L	40.0	11/16/11 07:07	
EPA 6010	Sodium	15.4	mg/L	1.0	11/16/11 07:07	
EPA 6010	Vanadium	17.0	ug/L	10.0	11/16/11 07:07	
SM 2540C	Total Dissolved Solids	187	mg/L	5.0	11/16/11 09:07	
EPA 300.0	Chloride	28.7	mg/L	5.0	11/15/11 17:58	
EPA 300.0	Sulfate	3.8	mg/L	5.0	11/15/11 17:58	
EPA 350.1	Nitrogen, Ammonia	0.16	mg/L	0.050	11/18/11 07:30	
3543106014	MO5-B					
	Field pH	6.04	Std. Units		11/14/11 15:43	
	Field Temperature	23.21	deg C		11/14/11 15:43	
	Appearance	Color:			11/14/11 15:43	
		Brown,				
		Sheen:				
		None				
	Field Specific Conductance	1584	umhos/cm		11/14/11 15:43	
	Oxygen, Dissolved	0.19	mg/L		11/14/11 15:43	
	REDOX	-12.8	mV		11/14/11 15:43	
	Turbidity	1.20	NTU		11/14/11 15:43	
	Depth to Water	10.29	feet		11/14/11 15:43	
	Water Level(NGVD)	18.95	feet		11/14/11 15:43	
EPA 6010	Barium	217	ug/L	10.0	11/16/11 07:11	
EPA 6010	Chromium	3.7	ug/L	5.0	11/16/11 07:11	
EPA 6010	Iron	13200	ug/L	40.0	11/16/11 07:11	
EPA 6010	Sodium	154	mg/L	1.0	11/16/11 07:11	
SM 2540C	Total Dissolved Solids	976	mg/L	10.0	11/16/11 09:07	
EPA 300.0	Chloride	230	mg/L	25.0	11/22/11 02:58	
EPA 300.0	Sulfate	32.5	mg/L	10.0	11/15/11 18:11	
EPA 350.1	Nitrogen, Ammonia	1.5	mg/L	0.050	11/18/11 07:33	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

DEP Central District

Sample: EQ Blank (11/14/11) Lab ID: 3543106001 Collected: 11/14/11 10:10 Received: 11/14/11 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	0.0049U	ug/L	0.020	0.0049	1	11/17/11 11:30	11/17/11 18:14	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 18:14	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:29	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:29	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:29	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:29	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:29	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:29	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:29	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 04:29	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:29	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:29	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 04:29	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:29	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:29	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:29	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 04:29	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:00	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:00	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 12:52	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 10:08	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 10:08	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 10:08	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: EQ Blank (11/14/11) Lab ID: 3543106001 Collected: 11/14/11 10:10 Received: 11/14/11 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		11/17/11 10:08	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 10:08	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 10:08	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 10:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 10:08	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 10:08	79-34-5	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 10:08	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 10:08	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 10:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100 %		70-114		1		11/17/11 10:08	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/17/11 10:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	100 %		86-125		1		11/17/11 10:08	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/17/11 10:08	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/16/11 09:02		
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 14:20	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/15/11 14:20	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/15/11 14:20	14808-79-8	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: EQ Blank (11/14/11) Lab ID: 3543106001 Collected: 11/14/11 10:10 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia									
Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/18/11 07:16	7664-41-7	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-1 Lab ID: 3543106002 Collected: 11/14/11 10:32 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.43	Std. Units			1		11/14/11 10:32		
Field Temperature	23.37	deg C			1		11/14/11 10:32		
Appearance	Color:				1		11/14/11 10:32		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	2461	umhos/cm			1		11/14/11 10:32		
Oxygen, Dissolved	0.23	mg/L			1		11/14/11 10:32	7782-44-7	
REDOX	-75.3	mV			1		11/14/11 10:32		
Turbidity	3.57	NTU			1		11/14/11 10:32		
Depth to Water	1.65	feet			1		11/14/11 10:32		
Water Level(NGVD)	26.94	feet			1		11/14/11 10:32		
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	11/17/11 11:30	11/17/11 18:29	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 11:30	11/17/11 18:29	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:33	7440-38-2	
Barium	236	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:33	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:33	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:33	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:33	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:33	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:33	7440-50-8	
Iron	37600	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 04:33	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:33	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:33	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 04:33	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:33	7440-22-4	
Sodium	236	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:33	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:33	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 04:33	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:12	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:12	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.18 I	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:03	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	107-13-1	
Benzene	12.1	ug/L	1.0	0.50	1		11/17/11 12:59	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-1 Lab ID: 3543106002 Collected: 11/14/11 10:32 Received: 11/14/11 16:50 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		11/17/11 12:59	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	56-23-5	
Chlorobenzene	12.0	ug/L	1.0	0.50	1		11/17/11 12:59	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 12:59	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 12:59	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	95-50-1	
1,4-Dichlorobenzene	0.84	ug/L	1.0	0.50	1		11/17/11 12:59	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 12:59	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 12:59	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 12:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 12:59	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 12:59	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	127-18-4	
Toluene	0.63	ug/L	1.0	0.50	1		11/17/11 12:59	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 12:59	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 12:59	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 12:59	75-01-4	
Xylene (Total)	3.3	ug/L	1.0	0.50	1		11/17/11 12:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-114		1		11/17/11 12:59	460-00-4	
Dibromofluoromethane (S)	103	%	88-117		1		11/17/11 12:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		11/17/11 12:59	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/17/11 12:59	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-1 Lab ID: 3543106002 Collected: 11/14/11 10:32 Received: 11/14/11 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	1570	mg/L	20.0	20.0	1		11/16/11 09:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/15/11 14:32	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	199	mg/L	10.0	5.0	2		11/15/11 14:32	16887-00-6	
Sulfate	5.0U	mg/L	10.0	5.0	2		11/15/11 14:32	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.48	mg/L	0.050	0.020	1		11/18/11 07:17	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-1 DUP Lab ID: 3543106003 Collected: 11/14/11 10:32 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data Analytical Method:									
Field pH	6.43	Std. Units			1		11/14/11 10:32		
Field Temperature	23.37	deg C			1		11/14/11 10:32		
Appearance	Color:				1		11/14/11 10:32		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	2461	umhos/cm			1		11/14/11 10:32		
Oxygen, Dissolved	0.23	mg/L			1		11/14/11 10:32	7782-44-7	
REDOX	-75.3	mV			1		11/14/11 10:32		
Turbidity	3.57	NTU			1		11/14/11 10:32		
Depth to Water	1.65	feet			1		11/14/11 10:32		
Water Level(NGVD)	26.94	feet			1		11/14/11 10:32		

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	11/17/11 11:30	11/17/11 18:45	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/17/11 11:30	11/17/11 18:45	106-93-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Arsenic	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:37	7440-38-2	
Barium	235	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:37	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:37	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:37	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:37	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:37	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:37	7440-50-8	
Iron	37800	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 04:37	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:37	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:37	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 04:37	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 04:37	7440-22-4	
Sodium	236	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 04:37	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 04:37	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 04:37	7440-66-6	

6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010

Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:20	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:20	7440-28-0	

7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470

Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:06	7439-97-6	
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8260 MSV Analytical Method: EPA 8260

Acetone	8.3 l	ug/L	10.0	5.0	1		11/17/11 13:23	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 13:23	107-13-1	
Benzene	9.8	ug/L	1.0	0.50	1		11/17/11 13:23	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-1 DUP Lab ID: 3543106003 Collected: 11/14/11 10:32 Received: 11/14/11 16:50 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		11/17/11 13:23	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 13:23	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 13:23	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	56-23-5	
Chlorobenzene	10.2	ug/L	1.0	0.50	1		11/17/11 13:23	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 13:23	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 13:23	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	95-50-1	
1,4-Dichlorobenzene	0.75 I	ug/L	1.0	0.50	1		11/17/11 13:23	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 13:23	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 13:23	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 13:23	10061-02-6	
Ethylbenzene	2.3	ug/L	1.0	0.50	1		11/17/11 13:23	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 13:23	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 13:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 13:23	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 13:23	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	127-18-4	
Toluene	0.60 I	ug/L	1.0	0.50	1		11/17/11 13:23	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 13:23	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 13:23	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 13:23	75-01-4	
Xylene (Total)	3.0	ug/L	1.0	0.50	1		11/17/11 13:23	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101 %		70-114		1		11/17/11 13:23	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/17/11 13:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/17/11 13:23	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/17/11 13:23	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-1 DUP Lab ID: 3543106003 Collected: 11/14/11 10:32 Received: 11/14/11 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	1560	mg/L	20.0	20.0	1		11/16/11 09:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/15/11 15:09	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	199	mg/L	10.0	5.0	2		11/15/11 15:09	16887-00-6	
Sulfate	5.0U	mg/L	10.0	5.0	2		11/15/11 15:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.52	mg/L	0.050	0.020	1		11/18/11 07:18	7664-41-7	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-2 Lab ID: 3543106004 Collected: 11/14/11 11:18 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.38	Std. Units			1		11/14/11 11:18		
Field Temperature	24.05	deg C			1		11/14/11 11:18		
Appearance	Color:				1		11/14/11 11:18		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	453	umhos/cm			1		11/14/11 11:18		
Oxygen, Dissolved	0.25	mg/L			1		11/14/11 11:18	7782-44-7	
REDOX	-23.9	mV			1		11/14/11 11:18		
Turbidity	7.37	NTU			1		11/14/11 11:18		
Depth to Water	1.15	feet			1		11/14/11 11:18		
Water Level(NGVD)	27.57	feet			1		11/14/11 11:18		
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	11/17/11 11:30	11/17/11 19:15	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 11:30	11/17/11 19:15	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	6.6	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:09	7440-38-2	
Boron	24.4	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:09	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 05:09	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 05:09	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:09	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:09	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:09	7440-50-8	
Iron	8140	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 05:09	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:09	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:09	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 05:09	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:09	7440-22-4	
Sodium	15.2	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 05:09	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:09	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 05:09	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:23	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:23	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.14	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:20	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B37-2 Lab ID: 3543106004 Collected: 11/14/11 11:18 Received: 11/14/11 16:50 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		11/17/11 13:48	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 13:48	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 13:48	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 13:48	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 13:48	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 13:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 13:48	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 13:48	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 13:48	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 13:48	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 13:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/17/11 13:48	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/17/11 13:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/17/11 13:48	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/17/11 13:48	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
 Pace Project No.: 3543106

Sample: B37-2 Lab ID: 3543106004 Collected: 11/14/11 11:18 Received: 11/14/11 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	285	mg/L	5.0	5.0	1		11/16/11 09:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 15:21	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	26.6	mg/L	5.0	2.5	1		11/15/11 15:21	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/15/11 15:21	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.38	mg/L	0.050	0.020	1		11/18/11 07:19	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: FA-1B Lab ID: 3543106005 Collected: 11/14/11 11:44 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	7.14	Std. Units			1		11/14/11 11:44		
Field Temperature	22.55	deg C			1		11/14/11 11:44		
Appearance	Color:				1		11/14/11 11:44		
	None,								
	Sheen:								
	None								
Field Specific Conductance	576	umhos/cm			1		11/14/11 11:44		
Oxygen, Dissolved	0.04	mg/L			1		11/14/11 11:44	7782-44-7	
REDOX	-98.9	mV			1		11/14/11 11:44		
Turbidity	0.01	NTU			1		11/14/11 11:44		
Depth to Water	13.78	feet			1		11/14/11 11:44		
Water Level(NGVD)	18.38	feet			1		11/14/11 11:44		
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	11/17/11 11:30	11/17/11 19:31	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 19:31	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:29	7440-38-2	
Barium	29.5	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:29	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 05:29	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 05:29	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:29	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:29	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:29	7440-50-8	
Iron	504	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 05:29	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:29	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:29	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 05:29	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 05:29	7440-22-4	
Sodium	10.0	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 05:29	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 05:29	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 05:29	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:33	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:33	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:23	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	67-64-1	J(M1)
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	74-97-5	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-Annual
 Pace Project No.: 3543106

Sample: FA-1B Lab ID: 3543106005 Collected: 11/14/11 11:44 Received: 11/14/11 16:50 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		11/17/11 10:56	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 10:56	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 10:56	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 10:56	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 10:56	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 10:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 10:56	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 10:56	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 10:56	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 10:56	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 10:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/17/11 10:56	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/17/11 10:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	103 %		86-125		1		11/17/11 10:56	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 10:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: FA-1B Lab ID: 3543106005 Collected: 11/14/11 11:44 Received: 11/14/11 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	335	mg/L	5.0	5.0	1		11/16/11 09:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 15:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	13.7	mg/L	5.0	2.5	1		11/15/11 15:33	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/15/11 15:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.32	mg/L	0.050	0.020	1		11/18/11 07:22	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
 Pace Project No.: 3543106

Sample: B36 Lab ID: 3543106006 Collected: 11/14/11 12:03 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.32	Std. Units			1		11/14/11 12:03		
Field Temperature	23.65	deg C			1		11/14/11 12:03		
Appearance	Color:	None,			1		11/14/11 12:03		
	Sheen:	None							
Field Specific Conductance	1668	umhos/cm			1		11/14/11 12:03		
Oxygen, Dissolved	0.13	mg/L			1		11/14/11 12:03	7782-44-7	
REDOX	-24.8	mV			1		11/14/11 12:03		
Turbidity	1.02	NTU			1		11/14/11 12:03		
Depth to Water	1.53	feet			1		11/14/11 12:03		
Water Level(NGVD)	27.74	feet			1		11/14/11 12:03		
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	11/17/11 11:30	11/17/11 19:46	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/17/11 11:30	11/17/11 19:46	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:30	7440-38-2	
Barium	107	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:30	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:30	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:30	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:30	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:30	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:30	7440-50-8	
Iron	4590	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 06:30	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:30	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:30	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 06:30	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:30	7440-22-4	
Sodium	107	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:30	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:30	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 06:30	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:36	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:36	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:26	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	107-13-1	
Benzene	2.5	ug/L	1.0	0.50	1		11/17/11 14:12	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B36 Lab ID: 3543106006 Collected: 11/14/11 12:03 Received: 11/14/11 16:50 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		11/17/11 14:12	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	56-23-5	
Chlorobenzene	2.1	ug/L	1.0	0.50	1		11/17/11 14:12	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 14:12	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 14:12	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	110-57-6	
1,1-Dichloroethane	2.0	ug/L	1.0	0.50	1		11/17/11 14:12	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 14:12	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 14:12	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 14:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 14:12	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 14:12	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 14:12	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 14:12	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 14:12	75-01-4	
Xylene (Total)	0.85 I	ug/L	1.0	0.50	1		11/17/11 14:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/17/11 14:12	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/17/11 14:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	102 %		86-125		1		11/17/11 14:12	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/17/11 14:12	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B36 Lab ID: 3543106006 Collected: 11/14/11 12:03 Received: 11/14/11 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	1080	mg/L	10.0	10.0	1		11/16/11 09:04		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/15/11 15:45	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	228	mg/L	25.0	12.5	5		11/22/11 02:10	16887-00-6	
Sulfate	5.0U	mg/L	10.0	5.0	2		11/15/11 15:45	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.19	mg/L	0.050	0.020	1		11/18/11 07:23	7664-41-7	

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B34-2 Lab ID: 3543106007 Collected: 11/14/11 12:20 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	7.12	Std. Units			1		11/14/11 12:20		
Field Temperature	23.58	deg C			1		11/14/11 12:20		
Appearance	Color:				1		11/14/11 12:20		
	Orange,								
	Sheen:								
	None								
Field Specific Conductance	1320	umhos/cm			1		11/14/11 12:20		
Oxygen, Dissolved	0.06	mg/L			1		11/14/11 12:20	7782-44-7	
REDOX	-170.9	mV			1		11/14/11 12:20		
Turbidity	1.33	NTU			1		11/14/11 12:20		
Depth to Water	1.79	feet			1		11/14/11 12:20		
Water Level(NGVD)	29.42	feet			1		11/14/11 12:20		

8011 GCS EDB and DBCP Analytical Method: EPA 8011 Preparation Method: EPA 8011

1,2-Dibromo-3-chloropropane	0.0049U	ug/L	0.020	0.0049	1	11/17/11 11:30	11/17/11 20:01	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 20:01	106-93-4	

6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010

Arsenic	12.5	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:34	7440-38-2	
Barium	77.2	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:34	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:34	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:34	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:34	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:34	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:34	7440-50-8	
Iron	16500	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 06:34	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:34	7439-92-1	
Nickel	15.2	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:34	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 06:34	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:34	7440-22-4	
Sodium	22.6	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:34	7440-23-5	
Vanadium	6.8	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:34	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 06:34	7440-66-6	

6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3010

Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:39	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:39	7440-28-0	

7470 Mercury Analytical Method: EPA 7470 Preparation Method: EPA 7470

Mercury	0.12	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:29	7439-97-6	
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8260 MSV Analytical Method: EPA 8260

Acetone	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B34-2 Lab ID: 3543106007 Collected: 11/14/11 12:20 Received: 11/14/11 16:50 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		11/18/11 18:39	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/18/11 18:39	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/18/11 18:39	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/18/11 18:39	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/18/11 18:39	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/18/11 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/18/11 18:39	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/18/11 18:39	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	127-18-4	
Toluene	0.75 U	ug/L	1.0	0.50	1		11/18/11 18:39	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/18/11 18:39	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/18/11 18:39	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/18/11 18:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99 %		70-114		1		11/18/11 18:39	460-00-4	
Dibromofluoromethane (S)	94 %		88-117		1		11/18/11 18:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	78 %		86-125		1		11/18/11 18:39	17060-07-0	J(S0)
Toluene-d8 (S)	102 %		87-113		1		11/18/11 18:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B34-2 Lab ID: 3543106007 Collected: 11/14/11 12:20 Received: 11/14/11 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	834	mg/L	10.0	10.0	1		11/16/11 09:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/15/11 15:57	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	35.6	mg/L	10.0	5.0	2		11/15/11 15:57	16887-00-6	
Sulfate	45.4	mg/L	10.0	5.0	2		11/15/11 15:57	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	7.6	mg/L	0.050	0.020	1		11/18/11 07:24	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B64 Lab ID: 3543106008 Collected: 11/14/11 12:48 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.96	Std. Units			1		11/14/11 12:48		
Field Temperature	22.77	deg C			1		11/14/11 12:48		
Appearance	Color:				1		11/14/11 12:48		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	735	umhos/cm			1		11/14/11 12:48		
Oxygen, Dissolved	0.26	mg/L			1		11/14/11 12:48	7782-44-7	
REDOX	-46.6	mV			1		11/14/11 12:48		
Turbidity	7.19	NTU			1		11/14/11 12:48		
Depth to Water	1.80	feet			1		11/14/11 12:48		
Water Level(NGVD)	26.39	feet			1		11/14/11 12:48		
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	11/17/11 11:30	11/17/11 20:16	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 11:30	11/17/11 20:16	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:38	7440-38-2	
Barium	93.6	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:38	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:38	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:38	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:38	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:38	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:38	7440-50-8	
Iron	22900	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 06:38	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:38	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:38	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 06:38	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:38	7440-22-4	
Sodium	32.0	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:38	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:38	7440-62-2	
Zinc	39.3	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 06:38	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:42	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:42	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:31	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B64 Lab ID: 3543106008 Collected: 11/14/11 12:48 Received: 11/14/11 16:50 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		11/17/11 17:17	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 17:17	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 17:17	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 17:17	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 17:17	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 17:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 17:17	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 17:17	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 17:17	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 17:17	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 17:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/17/11 17:17	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/17/11 17:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/17/11 17:17	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/17/11 17:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B64 Lab ID: 3543106008 Collected: 11/14/11 12:48 Received: 11/14/11 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	524	mg/L	5.0	5.0	1		11/16/11 09:05		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 16:09	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	37.4	mg/L	5.0	2.5	1		11/15/11 16:09	16887-00-6	
Sulfate	16.7	mg/L	5.0	2.5	1		11/15/11 16:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.99	mg/L	0.050	0.020	1		11/18/11 07:25	7664-41-7	

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B34-1 Lab ID: 3543106009 Collected: 11/14/11 13:13 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.56	Std. Units			1		11/14/11 13:13		
Field Temperature	23.20	deg C			1		11/14/11 13:13		
Appearance	Color:	None,			1		11/14/11 13:13		
	Sheen:	None							
Field Specific Conductance	1025	umhos/cm			1		11/14/11 13:13		
Oxygen, Dissolved	0.04	mg/L			1		11/14/11 13:13	7782-44-7	
REDOX	-90.9	mV			1		11/14/11 13:13		
Turbidity	0.34	NTU			1		11/14/11 13:13		
Depth to Water	3.65	feet			1		11/14/11 13:13		
Water Level(NGVD)	27.53	feet			1		11/14/11 13:13		
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	11/17/11 11:30	11/17/11 20:32	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 11:30	11/17/11 20:32	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:43	7440-38-2	
Barium	132	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:43	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:43	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:43	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:43	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:43	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:43	7440-50-8	
Iron	2110U	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 06:43	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:43	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:43	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 06:43	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:43	7440-22-4	
Sodium	36.9	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:43	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:43	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 06:43	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:44	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:44	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:34	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	74-97-5	

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual

Pace Project No.: 3543106

Sample: B34-1 Lab ID: 3543106009 Collected: 11/14/11 13:13 Received: 11/14/11 16:50 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		11/17/11 16:04	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 16:04	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 16:04	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 16:04	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 16:04	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 16:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 16:04	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 16:04	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 16:04	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 16:04	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 16:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100 %		70-114		1		11/17/11 16:04	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/17/11 16:04	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/17/11 16:04	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/17/11 16:04	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B34-1 Lab ID: 3543106009 Collected: 11/14/11 13:13 Received: 11/14/11 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	675	mg/L	5.0	5.0	1		11/16/11 09:06		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 16:21	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	57.9	mg/L	5.0	2.5	1		11/15/11 16:21	16887-00-6	
Sulfate	134	mg/L	10.0	5.0	2		11/22/11 02:22	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.13	mg/L	0.050	0.020	1		11/18/11 07:26	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B38-1 Lab ID: 3543106010 Collected: 11/14/11 13:38 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	4.55	Std. Units			1		11/14/11 13:38		
Field Temperature	22.24	deg C			1		11/14/11 13:38		
Appearance	Color:				1		11/14/11 13:38		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	314	umhos/cm			1		11/14/11 13:38		
Oxygen, Dissolved	0.28	mg/L			1		11/14/11 13:38	7782-44-7	
REDOX	118.2	mV			1		11/14/11 13:38		
Turbidity	2.01	NTU			1		11/14/11 13:38		
Depth to Water	4.16	feet			1		11/14/11 13:38		
Water Level(NGVD)	24.06	feet			1		11/14/11 13:38		
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	11/17/11 11:30	11/17/11 20:47	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 11:30	11/17/11 20:47	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:47	7440-38-2	
Barium	90.0	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:47	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:47	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:47	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:47	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:47	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:47	7440-50-8	
Iron	19700	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 06:47	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:47	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:47	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 06:47	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:47	7440-22-4	
Sodium	26.2	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:47	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:47	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 06:47	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:47	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:47	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:37	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B38-1 Lab ID: 3543106010 Collected: 11/14/11 13:38 Received: 11/14/11 16:50 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		11/17/11 11:21	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 11:21	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 11:21	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 11:21	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 11:21	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 11:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 11:21	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 11:21	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 11:21	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 11:21	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 11:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/17/11 11:21	460-00-4	
Dibromofluoromethane (S)	104 %		88-117		1		11/17/11 11:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	105 %		86-125		1		11/17/11 11:21	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/17/11 11:21	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B38-1 Lab ID: 3543106010 Collected: 11/14/11 13:38 Received: 11/14/11 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	194	mg/L	5.0	5.0	1		11/16/11 09:07		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 16:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	56.6	mg/L	5.0	2.5	1		11/15/11 16:58	16887-00-6	
Sulfate	13.5	mg/L	5.0	2.5	1		11/15/11 16:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.067	mg/L	0.050	0.020	1		11/18/11 07:27	7664-41-7	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B38-2 Lab ID: 3543106011 Collected: 11/14/11 14:12 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	5.66	Std. Units			1		11/14/11 14:12		
Field Temperature	21.65	deg C			1		11/14/11 14:12		
Appearance	Color:				1		11/14/11 14:12		
	Sheen:								
	None								
Field Specific Conductance	338	umhos/cm			1		11/14/11 14:12		
Oxygen, Dissolved	0.18	mg/L			1		11/14/11 14:12	7782-44-7	
REDOX	22.2	mV			1		11/14/11 14:12		
Turbidity	3.19	NTU			1		11/14/11 14:12		
Depth to Water	1.77	feet			1		11/14/11 14:12		
Water Level(NGVD)	26.31	feet			1		11/14/11 14:12		
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	11/17/11 11:30	11/17/11 21:02	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 21:02	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:59	7440-38-2	
Barium	17.2	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:59	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:59	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:59	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:59	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:59	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:59	7440-50-8	
Iron	4740	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 06:59	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:59	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:59	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 06:59	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 06:59	7440-22-4	
Sodium	14.2	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 06:59	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 06:59	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 06:59	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:50	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:50	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:40	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	74-97-5	

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ANALYTICAL RESULTS
DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B38-2 Lab ID: 3543106011 Collected: 11/14/11 14:12 Received: 11/14/11 16:50 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		11/17/11 17:41	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 17:41	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 17:41	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 17:41	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 17:41	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 17:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 17:41	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 17:41	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 17:41	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 17:41	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 17:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/17/11 17:41	460-00-4	
Dibromofluoromethane (S)	100 %		88-117		1		11/17/11 17:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/17/11 17:41	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/17/11 17:41	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual

Pace Project No.: 3543106

Sample: B38-2 Lab ID: 3543106011 Collected: 11/14/11 14:12 Received: 11/14/11 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	284	mg/L	5.0	5.0	1		11/16/11 09:07		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 17:34	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	15.4	mg/L	5.0	2.5	1		11/15/11 17:34	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/15/11 17:34	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.52	mg/L	0.050	0.020	1		11/18/11 07:28	7664-41-7	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: FA-2C Lab ID: 3543106012 Collected: 11/14/11 14:27 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	7.47	Std. Units			1		11/14/11 14:27		
Field Temperature	22.32	deg C			1		11/14/11 14:27		
Appearance	Color:	None,			1		11/14/11 14:27		
	Sheen:	None							
Field Specific Conductance	715	umhos/cm			1		11/14/11 14:27		
Oxygen, Dissolved	0.06	mg/L			1		11/14/11 14:27	7782-44-7	
REDOX	-171.4	mV			1		11/14/11 14:27		
Turbidity	0.02	NTU			1		11/14/11 14:27		
Depth to Water	13.59	feet			1		11/14/11 14:27		
Water Level(NGVD)	13.31	feet			1		11/14/11 14:27		
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	11/17/11 11:30	11/17/11 21:17	96-12-8	
1,2-Dibromoethane (EDB)	0.0064U	ug/L	0.010	0.0064	1	11/17/11 11:30	11/17/11 21:17	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:03	7440-38-2	
Barium	18.0	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:03	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:03	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:03	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:03	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:03	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:03	7440-50-8	
Iron	1670	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 07:03	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:03	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:03	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 07:03	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:03	7440-22-4	
Sodium	43.8	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:03	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:03	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 07:03	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:53	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:53	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.13 I	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:48	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: FA-2C Lab ID: 3543106012 Collected: 11/14/11 14:27 Received: 11/14/11 16:50 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		11/17/11 11:45	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 11:45	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 11:45	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 11:45	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 11:45	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 11:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 11:45	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 11:45	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 11:45	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 11:45	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 11:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103 %		70-114		1		11/17/11 11:45	460-00-4	
Dibromofluoromethane (S)	103 %		88-117		1		11/17/11 11:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/17/11 11:45	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 11:45	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: FA-2C Lab ID: 3543106012 Collected: 11/14/11 14:27 Received: 11/14/11 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	415	mg/L	5.0	5.0	1		11/16/11 09:07		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 17:46	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	67.6	mg/L	5.0	2.5	1		11/15/11 17:46	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/15/11 17:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.54	mg/L	0.050	0.020	1		11/18/11 07:29	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual

Pace Project No.: 3543106

Sample: B39 Lab ID: 3543106013 Collected: 11/14/11 14:45 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	4.61	Std. Units			1		11/14/11 14:45		
Field Temperature	23.27	deg C			1		11/14/11 14:45		
Appearance	Color:				1		11/14/11 14:45		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	164	umhos/cm			1		11/14/11 14:45		
Oxygen, Dissolved	0.89	mg/L			1		11/14/11 14:45	7782-44-7	
REDOX	180.6	mV			1		11/14/11 14:45		
Turbidity	15.2	NTU			1		11/14/11 14:45		
Depth to Water	5.63	feet			1		11/14/11 14:45		
Water Level(NGVD)	23.43	feet			1		11/14/11 14:45		
8011 GCS EDB and DBCP		Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/17/11 11:30	11/17/11 21:33	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/17/11 11:30	11/17/11 21:33	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:07	7440-38-2	
Barium	28.4	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:07	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:07	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:07	7440-43-9	
Chromium	5.3	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:07	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:07	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:07	7440-50-8	
Iron	5320	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 07:07	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:07	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:07	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 07:07	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:07	7440-22-4	
Sodium	15.4	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:07	7440-23-5	
Vanadium	17.0	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:07	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 07:07	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:56	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:56	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:51	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
 Pace Project No.: 3543106

Sample: B39 Lab ID: 3543106013 Collected: 11/14/11 14:45 Received: 11/14/11 16:50 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		11/17/11 18:06	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 18:06	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 18:06	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 18:06	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 18:06	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 18:06	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 18:06	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 18:06	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 18:06	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 18:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-114		1		11/17/11 18:06	460-00-4	
Dibromofluoromethane (S)	101	%	88-117		1		11/17/11 18:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	86-125		1		11/17/11 18:06	17060-07-0	
Toluene-d8 (S)	99	%	87-113		1		11/17/11 18:06	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: B39 Lab ID: 3543106013 Collected: 11/14/11 14:45 Received: 11/14/11 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	187	mg/L	5.0	5.0	1		11/16/11 09:07		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/15/11 17:58	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	28.7	mg/L	5.0	2.5	1		11/15/11 17:58	16887-00-6	
Sulfate	3.8 I	mg/L	5.0	2.5	1		11/15/11 17:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.16	mg/L	0.050	0.020	1		11/18/11 07:30	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: MO5-B Lab ID: 3543106014 Collected: 11/14/11 15:43 Received: 11/14/11 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		11/14/11 15:43		
Field Temperature	23.21	deg C			1		11/14/11 15:43		
Appearance	Color:				1		11/14/11 15:43		
	Brown,								
	Sheen:								
	None								
Field Specific Conductance	1584	umhos/cm			1		11/14/11 15:43		
Oxygen, Dissolved	0.19	mg/L			1		11/14/11 15:43	7782-44-7	
REDOX	-12.8	mV			1		11/14/11 15:43		
Turbidity	1.20	NTU			1		11/14/11 15:43		
Depth to Water	10.29	feet			1		11/14/11 15:43		
Water Level(NGVD)	18.95	feet			1		11/14/11 15:43		
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	11/17/11 11:30	11/17/11 22:03	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/17/11 11:30	11/17/11 22:03	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:11	7440-38-2	
Boron	217	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:11	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:11	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:11	7440-43-9	
Chromium	3.7 I	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:11	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:11	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:11	7440-50-8	
Iron	13200	ug/L	40.0	20.0	1	11/15/11 09:35	11/16/11 07:11	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:11	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:11	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/15/11 09:35	11/16/11 07:11	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/15/11 09:35	11/16/11 07:11	7440-22-4	
Sodium	154	mg/L	1.0	0.50	1	11/15/11 09:35	11/16/11 07:11	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/15/11 09:35	11/16/11 07:11	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/15/11 09:35	11/16/11 07:11	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:59	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/15/11 09:35	11/16/11 14:59	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/15/11 03:30	11/15/11 13:54	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	74-97-5	

Date: 11/22/2011 03:34 PM

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ANALYTICAL RESULTS

DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: MO5-B Lab ID: 3543106014 Collected: 11/14/11 15:43 Received: 11/14/11 16:50 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		11/17/11 16:28	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 16:28	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 16:28	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 16:28	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 16:28	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 16:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 16:28	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 16:28	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 16:28	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 16:28	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 16:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-114		1		11/17/11 16:28	460-00-4	
Dibromofluoromethane (S)	104	%	88-117		1		11/17/11 16:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	86-125		1		11/17/11 16:28	17060-07-0	
Toluene-d8 (S)	101	%	87-113		1		11/17/11 16:28	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: MO5-B Lab ID: 3543106014 Collected: 11/14/11 15:43 Received: 11/14/11 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	976	mg/L	10.0	10.0	1		11/16/11 09:07		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/15/11 18:11	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	230	mg/L	25.0	12.5	5		11/22/11 02:58	16887-00-6	
Sulfate	32.5	mg/L	10.0	5.0	2		11/15/11 18:11	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	1.5	mg/L	0.050	0.020	1		11/18/11 07:33	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: Trip Blank (11/14/11) Lab ID: 3543106015 Collected: 11/14/11 08:00 Received: 11/14/11 16:50 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 10:32	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 10:32	74-87-3	
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/17/11 10:32	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 10:32	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 10:32	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 10:32	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 10:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 10:32	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 10:32	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 10:32	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 10:32	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 10:32	75-01-4	

ANALYTICAL RESULTS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Sample: Trip Blank (11/14/11) Lab ID: 3543106015 Collected: 11/14/11 08:00 Received: 11/14/11 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		11/17/11 10:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/17/11 10:32	460-00-4	
Dibromofluoromethane (S)	105 %		88-117		1		11/17/11 10:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	101 %		86-125		1		11/17/11 10:32	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/17/11 10:32	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: MERP/2260 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 290873 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.14 I	0.20	11/15/11 12:47	

LABORATORY CONTROL SAMPLE: 290874

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: 290894 290895

Parameter	Units	3543106003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Mercury	ug/L	0.10U	2	2	1.7	1.7	84	84	80-120	.4	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: MPRP/6445 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 291032 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/16/11 04:13	
Barium	ug/L	5.0U	10.0	11/16/11 04:13	
Beryllium	ug/L	0.50U	1.0	11/16/11 04:13	
Cadmium	ug/L	0.50U	1.0	11/16/11 04:13	
Chromium	ug/L	2.5U	5.0	11/16/11 04:13	
Cobalt	ug/L	5.0U	10.0	11/16/11 04:13	
Copper	ug/L	2.5U	5.0	11/16/11 04:13	
Iron	ug/L	20.0U	40.0	11/16/11 04:13	
Lead	ug/L	5.0U	10.0	11/16/11 04:13	
Nickel	ug/L	2.5U	5.0	11/16/11 04:13	
Selenium	ug/L	7.5U	15.0	11/16/11 04:13	
Silver	ug/L	2.5U	5.0	11/16/11 04:13	
Sodium	mg/L	0.50U	1.0	11/16/11 04:13	
Cadmium	ug/L	5.0U	10.0	11/16/11 04:13	
Zinc	ug/L	10.0U	20.0	11/16/11 04:13	

LABORATORY CONTROL SAMPLE: 291033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	246	98	80-120	
Barium	ug/L	250	253	101	80-120	
Beryllium	ug/L	25	25.4	102	80-120	
Cadmium	ug/L	25	25.6	103	80-120	
Chromium	ug/L	250	252	101	80-120	
Cobalt	ug/L	250	261	104	80-120	
Copper	ug/L	250	255	102	80-120	
Iron	ug/L	2500	2560	102	80-120	
Lead	ug/L	250	243	97	80-120	
Nickel	ug/L	250	263	105	80-120	
Selenium	ug/L	250	258	103	80-120	
Silver	ug/L	25	25.4	102	80-120	
Sodium	mg/L	12.5	13.1	105	80-120	
Vanadium	ug/L	250	250	100	80-120	
Zinc	ug/L	1250	1270	102	80-120	

QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Parameter	3543106004		MS	MSD	291034		291035		% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
Arsenic	ug/L	6.6 I	250	250	255	254	99	99	75-125	.3	20			
Barium	ug/L	24.4	250	250	275	266	100	97	75-125	4	20			
Beryllium	ug/L	0.50U	25	25	25.9	25.5	103	102	75-125	1	20			
Cadmium	ug/L	0.50U	25	25	25.2	24.8	101	99	75-125	1	20			
Chromium	ug/L	2.5U	250	250	249	246	99	98	75-125	1	20			
Cobalt	ug/L	5.0U	250	250	261	257	104	103	75-125	1	20			
Copper	ug/L	2.5U	250	250	258	255	103	102	75-125	1	20			
Iron	ug/L	8140	2500	2500	10500	10500	96	96	75-125	.09	20			
Lead	ug/L	5.0U	250	250	249	245	99	98	75-125	2	20			
Nickel	ug/L	2.5U	250	250	262	258	104	103	75-125	1	20			
Selenium	ug/L	7.5U	250	250	259	255	104	102	75-125	1	20			
Silver	ug/L	2.5U	25	25	24.5	24.8	98	99	75-125	1	20			
Sodium	mg/L	15.2	12.5	12.5	28.3	28.0	105	102	75-125	1	20			
Vanadium	ug/L	5.0U	250	250	253	250	100	99	75-125	1	20			
Zinc	ug/L	10.0U	1250	1250	1270	1260	102	101	75-125	.9	20			

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: MPRP/6446 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 291036 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/16/11 13:48	
Thallium	ug/L	0.50U	1.0	11/16/11 13:48	

LABORATORY CONTROL SAMPLE: 291037

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	48.9	98	90-110	
Thallium	ug/L	50	48.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291038 291039

Parameter	Units	3543106002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Antimony	ug/L	0.50U	50	50	46.5	47.2	92	94	70-130	1	20	
Thallium	ug/L	0.50U	50	50	53.4	54.2	107	108	70-130	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: MSV/4147 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014, 3543106015

METHOD BLANK: 292926 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014, 3543106015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/17/11 09:43	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/17/11 09:43	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/17/11 09:43	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/17/11 09:43	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/17/11 09:43	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/17/11 09:43	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/17/11 09:43	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/17/11 09:43	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/17/11 09:43	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/17/11 09:43	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/17/11 09:43	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/17/11 09:43	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/17/11 09:43	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/17/11 09:43	
2-Hexanone	ug/L	5.0U	10.0	11/17/11 09:43	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/17/11 09:43	
Acetone	ug/L	5.0U	10.0	11/17/11 09:43	
Acrylonitrile	ug/L	5.0U	10.0	11/17/11 09:43	
Benzene	ug/L	0.50U	1.0	11/17/11 09:43	
Bromochloromethane	ug/L	0.50U	1.0	11/17/11 09:43	
Bromodichloromethane	ug/L	0.27U	0.60	11/17/11 09:43	
Bromoform	ug/L	0.50U	1.0	11/17/11 09:43	
Bromomethane	ug/L	0.50U	1.0	11/17/11 09:43	
Carbon disulfide	ug/L	5.0U	10.0	11/17/11 09:43	
Carbon tetrachloride	ug/L	0.50U	1.0	11/17/11 09:43	
Chlorobenzene	ug/L	0.50U	1.0	11/17/11 09:43	
Chloroethane	ug/L	0.50U	1.0	11/17/11 09:43	
Chloroform	ug/L	0.50U	1.0	11/17/11 09:43	
Chloromethane	ug/L	0.62U	1.0	11/17/11 09:43	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/17/11 09:43	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/17/11 09:43	
Dibromochloromethane	ug/L	0.26U	0.50	11/17/11 09:43	
Dibromomethane	ug/L	0.50U	1.0	11/17/11 09:43	
Ethylbenzene	ug/L	0.50U	1.0	11/17/11 09:43	
Iodomethane	ug/L	0.50U	1.0	11/17/11 09:43	
Methylene Chloride	ug/L	2.5U	5.0	11/17/11 09:43	
Styrene	ug/L	0.50U	1.0	11/17/11 09:43	
Tetrachloroethene	ug/L	0.50U	1.0	11/17/11 09:43	
Toluene	ug/L	0.50U	1.0	11/17/11 09:43	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/17/11 09:43	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/17/11 09:43	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
 Pace Project No.: 3543106

METHOD BLANK: 292926

Matrix: Water

Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014, 3543106015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/17/11 09:43	
Trichloroethene	ug/L	0.50U	1.0	11/17/11 09:43	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/17/11 09:43	
Vinyl acetate	ug/L	1.0U	2.0	11/17/11 09:43	
Vinyl chloride	ug/L	0.50U	1.0	11/17/11 09:43	
Xylene (Total)	ug/L	0.50U	1.0	11/17/11 09:43	
1,2-Dichloroethane-d4 (S)	%	104	86-125	11/17/11 09:43	
4-Bromofluorobenzene (S)	%	106	70-114	11/17/11 09:43	
Dibromofluoromethane (S)	%	104	88-117	11/17/11 09:43	
Toluene-d8 (S)	%	100	87-113	11/17/11 09:43	

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LABORATORY CONTROL SAMPLE: 292927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.0	100	70-130	
1,1,1-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1,2-Tetrachloroethane	ug/L	20	18.2	91	70-130	
1,1,2-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1-Dichloroethane	ug/L	20	20.2	101	70-130	
1,1-Dichloroethene	ug/L	20	20.2	101	70-130	
1,2,3-Trichloropropane	ug/L	20	16.7	83	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.2	96	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.1	96	70-130	
1,2-Dichlorobenzene	ug/L	20	19.2	96	70-130	
1,2-Dichloroethane	ug/L	20	21.3	107	70-130	
1,2-Dichloropropane	ug/L	20	19.6	98	70-130	
1,4-Dichlorobenzene	ug/L	20	18.6	93	70-130	
2-Butanone (MEK)	ug/L	20	16.4	82	55-167	
2-Hexanone	ug/L	20	22.8	114	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.8	94	70-130	
Acetone	ug/L	20	15.7	79	40-150	
Acrylonitrile	ug/L	200	202	101	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Bromochloromethane	ug/L	20	20.5	102	70-130	
Bromodichloromethane	ug/L	20	19.6	98	70-130	
Bromoform	ug/L	20	20.7	103	68-130	
Bromomethane	ug/L	20	19.1	96	38-179	
Carbon disulfide	ug/L	20	16.4	82	51-155	
Carbon tetrachloride	ug/L	20	20.4	102	70-130	
Chlorobenzene	ug/L	20	19.9	100	70-130	
Chloroethane	ug/L	20	20.3	101	59-149	
Chloroform	ug/L	20	19.8	99	70-130	
Chloromethane	ug/L	20	19.4	97	68-130	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

LABORATORY CONTROL SAMPLE: 292927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,3-Dichloropropene	ug/L	20	19.7	98	70-130	
Dibromochloromethane	ug/L	20	19.4	97	70-130	
Dibromomethane	ug/L	20	20.9	104	70-130	
Ethylbenzene	ug/L	20	20.0	100	70-130	
Iodomethane	ug/L	20	19.3	96	43-160	
Methylene Chloride	ug/L	20	20.0	100	70-130	
Styrene	ug/L	20	19.6	98	70-130	
Tetrachloroethene	ug/L	20	20.3	102	66-133	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.0	95	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	18.2	91	65-130	
Trichloroethene	ug/L	20	19.7	99	70-130	
Trichlorofluoromethane	ug/L	20	19.9	99	70-131	
Vinyl acetate	ug/L	20	17.4	87	69-135	
Vinyl chloride	ug/L	20	18.7	94	69-140	
Xylene (Total)	ug/L	60	60.5	101	70-130	
1,2-Dichloroethane-d4 (S)	%			98	86-125	
4-Bromofluorobenzene (S)	%			101	70-114	
Dibromofluoromethane (S)	%			104	88-117	
Toluene-d8 (S)	%			101	87-113	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293157 293158

Parameter	Units	3543106005		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	22.0	19.5	110	98	39-130	12	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	25.0	22.2	125	111	47-141	12	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	20.9	19.0	104	95	49-131	9	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	21.0	19.5	105	97	50-130	7	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	24.0	21.1	120	106	54-137	13	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	24.8	21.7	124	108	45-155	13	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	18.8	17.2	94	86	31-132	9	40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	20.9	19.7	105	99	37-130	6	40	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20.9	18.6	105	93	51-132	12	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	22.3	19.4	112	97	43-130	14	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	23.8	20.9	119	104	54-130	13	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	22.3	20.2	111	101	53-130	10	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	21.8	19.0	109	95	38-130	13	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	21.1	24.5	105	122	48-138	15	40	
2-Hexanone	ug/L	5.0U	20	20	17.6	25.4	88	127	38-130	36	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	18.2	21.4	91	107	28-143	16	40	
Acetone	ug/L	5.0U	20	20	29.1	30.7	137	145	20-140	5	40	J(M1)
Acrylonitrile	ug/L	5.0U	200	200	201	232	100	116	46-130	14	40	
Benzene	ug/L	0.50U	20	20	24.0	21.2	120	106	53-132	12	40	
Bromochloromethane	ug/L	0.50U	20	20	22.8	20.3	114	101	54-132	12	40	
Bromodichloromethane	ug/L	0.27U	20	20	21.6	19.5	108	97	46-130	11	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Parameter	3543106005		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Bromoform	ug/L	0.50U	20	20	21.4	20.3	107	101	32-130	5	40	
Bromomethane	ug/L	0.50U	20	20	23.4	20.9	117	104	20-152	11	40	
Carbon disulfide	ug/L	5.0U	20	20	17.0	19.2	83	95	28-184	12	40	
Carbon tetrachloride	ug/L	0.50U	20	20	25.1	22.3	125	112	37-137	12	40	
Chlorobenzene	ug/L	0.50U	20	20	22.2	20.1	111	100	46-130	10	40	
Chloroethane	ug/L	0.50U	20	20	26.3	23.3	131	117	48-159	12	40	
Chloroform	ug/L	0.50U	20	20	22.6	20.3	113	102	51-130	11	40	
Chloromethane	ug/L	0.62U	20	20	24.6	21.3	123	107	39-144	14	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	22.0	19.4	110	97	54-130	13	40	
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	22.1	19.5	111	97	45-130	13	40	
Dibromochloromethane	ug/L	0.26U	20	20	21.3	19.0	107	95	43-130	12	40	
Dibromomethane	ug/L	0.50U	20	20	22.9	21.1	114	105	50-130	8	40	
Ethylbenzene	ug/L	0.50U	20	20	22.4	20.4	112	102	43-130	10	40	
Iodomethane	ug/L	0.50U	20	20	17.6	19.7	88	99	20-169	11	40	
Methylene Chloride	ug/L	2.5U	20	20	22.1	20.3	111	102	51-135	8	40	
Styrene	ug/L	0.50U	20	20	21.4	19.8	107	99	40-130	8	40	
Tetrachloroethene	ug/L	0.50U	20	20	22.6	19.4	113	97	26-130	15	40	
Toluene	ug/L	0.50U	20	20	22.4	20.1	112	101	50-130	11	40	
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.4	19.5	112	97	48-142	14	40	
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	20.6	18.9	103	94	45-130	9	40	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	19.0	22.0	95	110	20-139	15	40	
Trichloroethene	ug/L	0.50U	20	20	23.5	21.1	117	106	42-133	11	40	
Trichlorofluoromethane	ug/L	0.50U	20	20	26.0	23.1	130	115	46-146	12	40	
Vinyl acetate	ug/L	1.0U	20	20	16.1	19.6	81	98	20-165	19	40	
Vinyl chloride	ug/L	0.50U	20	20	25.5	22.1	128	110	57-142	15	40	
Xylene (Total)	ug/L	0.50U	60	60	67.7	60.9	113	101	42-130	11	40	
1,2-Dichloroethane-d4 (S)	%						94	104	86-125			
4-Bromofluorobenzene (S)	%						101	101	70-114			1p
Dibromofluoromethane (S)	%						102	100	88-117			
Toluene-d8 (S)	%						102	101	87-113			

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: MSV/4157 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543106007

METHOD BLANK: 294104 Matrix: Water
Associated Lab Samples: 3543106007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/18/11 12:30	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/18/11 12:30	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/18/11 12:30	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/18/11 12:30	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/18/11 12:30	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/18/11 12:30	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/18/11 12:30	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/18/11 12:30	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/18/11 12:30	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/18/11 12:30	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/18/11 12:30	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/18/11 12:30	
2-Hexanone	ug/L	5.0U	10.0	11/18/11 12:30	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/18/11 12:30	
Acetone	ug/L	5.0U	10.0	11/18/11 12:30	
Acrylonitrile	ug/L	5.0U	10.0	11/18/11 12:30	
Benzene	ug/L	0.50U	1.0	11/18/11 12:30	
Bromochloromethane	ug/L	0.50U	1.0	11/18/11 12:30	
Bromodichloromethane	ug/L	0.27U	0.60	11/18/11 12:30	
Bromoform	ug/L	0.50U	1.0	11/18/11 12:30	
Bromomethane	ug/L	0.50U	1.0	11/18/11 12:30	
Carbon disulfide	ug/L	5.0U	10.0	11/18/11 12:30	
Carbon tetrachloride	ug/L	0.50U	1.0	11/18/11 12:30	
Chlorobenzene	ug/L	0.50U	1.0	11/18/11 12:30	
Chloroethane	ug/L	0.50U	1.0	11/18/11 12:30	
Chloroform	ug/L	0.50U	1.0	11/18/11 12:30	
Chloromethane	ug/L	0.62U	1.0	11/18/11 12:30	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/18/11 12:30	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/18/11 12:30	
Dibromochloromethane	ug/L	0.26U	0.50	11/18/11 12:30	
Dibromomethane	ug/L	0.50U	1.0	11/18/11 12:30	
Ethylbenzene	ug/L	0.50U	1.0	11/18/11 12:30	
Iodomethane	ug/L	0.50U	1.0	11/18/11 12:30	
Methylene Chloride	ug/L	2.5U	5.0	11/18/11 12:30	
Styrene	ug/L	0.50U	1.0	11/18/11 12:30	
Tetrachloroethene	ug/L	0.50U	1.0	11/18/11 12:30	
Toluene	ug/L	0.50U	1.0	11/18/11 12:30	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/18/11 12:30	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/18/11 12:30	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/18/11 12:30	
Trichloroethene	ug/L	0.50U	1.0	11/18/11 12:30	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/18/11 12:30	
Vinyl acetate	ug/L	1.0U	2.0	11/18/11 12:30	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
 Pace Project No.: 3543106

METHOD BLANK: 294104 Matrix: Water

Associated Lab Samples: 3543106007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.50U	1.0	11/18/11 12:30	
Xylene (Total)	ug/L	0.50U	1.0	11/18/11 12:30	
1,2-Dichloroethane-d4 (S)	%	103	86-125	11/18/11 12:30	
4-Bromofluorobenzene (S)	%	101	70-114	11/18/11 12:30	
Dibromofluoromethane (S)	%	103	88-117	11/18/11 12:30	
Toluene-d8 (S)	%	101	87-113	11/18/11 12:30	

LABORATORY CONTROL SAMPLE: 294105

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	22.7	113	70-130	
1,1,1-Trichloroethane	ug/L	20	23.0	115	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.6	103	70-130	
1,1,2-Trichloroethane	ug/L	20	21.4	107	70-130	
1,1-Dichloroethane	ug/L	20	22.2	111	70-130	
1,1-Dichloroethene	ug/L	20	22.2	111	70-130	
1,2,3-Trichloropropane	ug/L	20	18.7	93	70-130	
1,2-Dichlorobenzene	ug/L	20	21.7	108	70-130	
1,2-Dichloroethane	ug/L	20	23.6	118	70-130	
1,2-Dichloropropane	ug/L	20	21.8	109	70-130	
1,4-Dichlorobenzene	ug/L	20	20.9	104	70-130	
2-Butanone (MEK)	ug/L	20	19.1	96	55-167	
2-Hexanone	ug/L	20	21.5	108	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.5	103	70-130	
Acetone	ug/L	20	17.2	86	40-150	
Acrylonitrile	ug/L	200	235	117	70-130	
Benzene	ug/L	20	22.8	114	70-130	
Bromochloromethane	ug/L	20	21.8	109	70-130	
Bromodichloromethane	ug/L	20	21.6	108	70-130	
Bromoform	ug/L	20	22.5	112	68-130	
Bromomethane	ug/L	20	22.7	113	38-179	
Carbon disulfide	ug/L	20	18.4	92	51-155	
Carbon tetrachloride	ug/L	20	23.6	118	70-130	
Chlorobenzene	ug/L	20	22.6	113	70-130	
Chloroethane	ug/L	20	24.3	122	59-149	
Chloroform	ug/L	20	22.0	110	70-130	
Chloromethane	ug/L	20	22.9	114	68-130	
cis-1,2-Dichloroethene	ug/L	20	21.1	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	21.5	108	70-130	
Dibromochloromethane	ug/L	20	21.2	106	70-130	
Dibromomethane	ug/L	20	23.3	117	70-130	
Ethylbenzene	ug/L	20	22.1	111	70-130	
Iodomethane	ug/L	20	20.0	100	43-160	
Methylene Chloride	ug/L	20	21.4	107	70-130	
Styrene	ug/L	20	21.9	109	70-130	

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QUALITY CONTROL DATA

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DEP Central District

Project: Tomoka Semi-annual
Pace Project No.: 3543106

LABORATORY CONTROL SAMPLE: 294105

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	22.3	112	66-133	
Toluene	ug/L	20	22.3	112	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.3	106	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.3	106	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	22.2	111	65-130	
Trichloroethene	ug/L	20	22.5	113	70-130	
Trichlorofluoromethane	ug/L	20	24.3	121	70-131	
Vinyl acetate	ug/L	20	18.7	94	69-135	
Vinyl chloride	ug/L	20	22.3	111	69-140	
Xylene (Total)	ug/L	60	67.4	112	70-130	
1,2-Dichloroethane-d4 (S)	%			100	86-125	
4-Bromofluorobenzene (S)	%			103	70-114	
Dibromofluoromethane (S)	%			101	88-117	
Toluene-d8 (S)	%			100	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294142 294143

Parameter	Units	3543358003		MS	MSD	MS		MSD		% Rec Limits	Max RPD	C
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	20.2	22.5	101	112	39-130	10	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	24.5	26.5	122	132	47-141	8	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	12.6	13.8	63	69	49-131	9	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	14.2	15.9	71	80	50-130	12	40	
1,1-Dichloroethane	ug/L	0.50U	20	20	22.2	24.3	111	122	54-137	9	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	23.6	25.7	118	129	45-155	9	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	12.0	12.5	60	63	31-132	5	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	19.2	21.0	96	105	43-130	8	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	17.2	18.3	86	92	54-130	6	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	19.7	20.7	99	104	53-130	5	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	20.4	21.9	102	109	38-130	7	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	10.6	11.1	53	56	48-138	5	40	
2-Hexanone	ug/L	5.0U	20	20	12.5	12.8	63	64	38-130	2	40	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	11.2	12.4	56	62	28-143	11	40	
Acetone	ug/L	5.0U	20	20	10.9	12.0	55	60	20-140	9	40	
Acrylonitrile	ug/L	5.0U	200	200	110	126	55	63	46-130	14	40	
Benzene	ug/L	0.50U	20	20	22.7	23.9	113	119	53-132	5	40	
Bromochloromethane	ug/L	0.50U	20	20	17.1	19.3	86	97	54-132	12	40	
Bromodichloromethane	ug/L	0.27U	20	20	18.4	19.7	92	98	46-130	6	40	
Bromoform	ug/L	0.50U	20	20	14.1	15.3	71	76	32-130	8	40	
Bromomethane	ug/L	0.50U	20	20	21.3	26.3	106	132	20-152	21	40	
Carbon disulfide	ug/L	5.0U	20	20	18.9	21.1	91	102	28-184	11	40	
Carbon tetrachloride	ug/L	0.50U	20	20	24.7	26.6	124	133	37-137	7	40	
Chlorobenzene	ug/L	0.50U	20	20	21.7	23.4	108	117	46-130	8	40	
Chloroethane	ug/L	0.50U	20	20	23.4	27.3	117	137	48-159	15	40	
Chloroform	ug/L	0.50U	20	20	20.5	21.8	103	109	51-130	6	40	
Chloromethane	ug/L	0.62U	20	20	21.6	25.3	107	126	39-144	16	40	
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.4	21.5	97	108	54-130	11	40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Parameter	294142			294143			MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
	Units	3543358003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	17.4	18.2	87	91	45-130	5	40
Dibromochloromethane	ug/L	0.26U	20	20	15.4	17.0	77	85	43-130	10	40
Dibromomethane	ug/L	0.50U	20	20	15.2	16.5	76	82	50-130	8	40
Ethylbenzene	ug/L	0.50U	20	20	22.9	24.9	114	124	43-130	8	40
Iodomethane	ug/L	0.50U	20	20	19.3	22.0	96	110	20-169	13	40
Methylene Chloride	ug/L	2.5U	20	20	19.7	20.7	97	102	51-135	5	40
Styrene	ug/L	0.50U	20	20	19.9	22.3	100	111	40-130	11	40
Tetrachloroethene	ug/L	0.50U	20	20	23.1	24.7	115	124	26-130	7	40
Toluene	ug/L	0.50U	20	20	22.5	24.6	112	123	50-130	9	40
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	21.9	23.3	109	117	48-142	7	40
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	15.5	17.0	77	85	45-130	9	40
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	11.3	12.2	57	61	20-139	8	40
Trichloroethene	ug/L	0.50U	20	20	22.7	24.7	114	123	42-133	8	40
Trichlorofluoromethane	ug/L	0.50U	20	20	23.4	28.2	117	141	46-146	19	40
Vinyl acetate	ug/L	1.0U	20	20	16.2	17.8	81	89	20-165	9	40
Vinyl chloride	ug/L	0.50U	20	20	22.2	27.0	111	135	57-142	19	40
Xylene (Total)	ug/L	0.50U	60	60	68.2	74.2	114	124	42-130	8	40
1,2-Dichloroethane-d4 (S)	%						75	72	86-125		J(S0)
4-Bromofluorobenzene (S)	%						96	98	70-114		
1-Bromofluoromethane (S)	%						94	94	88-117		
1,2-Dichloroethane-d8 (S)	%						100	100	87-113		

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: OEXT/6469 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013

METHOD BLANK: 292563 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/17/11 16:26	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/17/11 16:26	

LABORATORY CONTROL SAMPLE: 292564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.26	105	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.25	102	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293143 293144

Parameter	Units	3542893006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	.44	.44	0.48	0.51	111	116	60-140	5 40	
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.50	0.53	115	121	60-140	5 40	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: WET/10933 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 291957 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/16/11 09:01	

LABORATORY CONTROL SAMPLE: 291958

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	288	96	90-110	

SAMPLE DUPLICATE: 291960

Parameter	Units	3543106007 Result	Dup Result	RPD	Max RPD	Qualifiers
Dissolved Solids	mg/L	834	820	2	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: WETA/13387 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 291673 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/15/11 13:44	

LABORATORY CONTROL SAMPLE: 291674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	4.8	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291675 291676

Parameter	Units	3543106002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Nitrate as N	mg/L	0.050U	10	10	9.5	9.5	95	95	90-110	.3	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291677 291678

Parameter	Units	3543106010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Nitrate as N	mg/L	0.025U	5	5	4.9	4.9	99	99	90-110	.03	20

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QUALITY CONTROL DATA

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Project: Tomoka Semi-annual
 Pace Project No.: 3543106

QC Batch: WETA/13389 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
 Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008,
 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 291690 Matrix: Water
 Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008,
 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/15/11 13:44	
Sulfate	mg/L	2.5U	5.0	11/15/11 13:44	

LABORATORY CONTROL SAMPLE: 291691

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.0	96	90-110	
Sulfate	mg/L	50	46.6	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291692 291693

Parameter	Units	3543106002		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Chloride	mg/L	199	100	100	306	307	108	108	90-110	.1	20	
Sulfate	mg/L	5.0U	100	100	93.3	93.4	92	92	90-110	.1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 291694 291695

Parameter	Units	3543106010		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Chloride	mg/L	56.6	50	50	111	111	109	110	90-110	.08	20	
Sulfate	mg/L	13.5	50	50	65.5	65.6	104	104	90-110	.1	20	

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QUALITY CONTROL DATA

Project: Tomoka Semi-annual
Pace Project No.: 3543106

QC Batch: WETA/13450 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

METHOD BLANK: 293770 Matrix: Water
Associated Lab Samples: 3543106001, 3543106002, 3543106003, 3543106004, 3543106005, 3543106006, 3543106007, 3543106008, 3543106009, 3543106010, 3543106011, 3543106012, 3543106013, 3543106014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/18/11 07:10	

LABORATORY CONTROL SAMPLE: 293771

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

MATRIX SPIKE SAMPLE: 293773

Parameter	Units	3543065001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.17	1	1.2	101	90-110	

SAMPLE DUPLICATE: 293772

Parameter	Units	3543065001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.17	0.17	2	20	

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QUALIFIERS

Project: Tomoka Semi-annual
Pace Project No.: 3543106

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.

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.

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.

1p Out of Tune

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543106002	B37-1		FLD/		
3543106003	B37-1 DUP		FLD/		
3543106004	B37-2		FLD/		
3543106005	FA-1B		FLD/		
3543106006	B36		FLD/		
3543106007	B34-2		FLD/		
3543106008	B64		FLD/		
3543106009	B34-1		FLD/		
3543106010	B38-1		FLD/		
3543106011	B38-2		FLD/		
3543106012	FA-2C		FLD/		
3543106013	B39		FLD/		
3543106014	MO5-B		FLD/		
3543106001	EQ Blank (11/14/11)	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106002	B37-1	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106003	B37-1 DUP	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106004	B37-2	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106005	FA-1B	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106006	B36	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106007	B34-2	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106008	B64	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106009	B34-1	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106010	B38-1	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106011	B38-2	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106012	FA-2C	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106013	B39	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106014	MO5-B	EPA 8011	OEXT/6469	EPA 8011	GCSV/4731
3543106001	EQ Blank (11/14/11)	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106002	B37-1	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106003	B37-1 DUP	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106004	B37-2	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106005	FA-1B	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106006	B36	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106007	B34-2	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106008	B64	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106009	B34-1	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106010	B38-1	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106011	B38-2	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106012	FA-2C	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106013	B39	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106014	MO5-B	EPA 3010	MPRP/6445	EPA 6010	ICP/4441
3543106001	EQ Blank (11/14/11)	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106002	B37-1	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106003	B37-1 DUP	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106004	B37-2	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106005	FA-1B	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106006	B36	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543106007	B34-2	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106008	B64	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106009	B34-1	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106010	B38-1	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106011	B38-2	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106012	FA-2C	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106013	B39	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106014	MO5-B	EPA 3010	MPRP/6446	EPA 6020	ICPM/2854
3543106001	EQ Blank (11/14/11)	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106002	B37-1	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106003	B37-1 DUP	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106004	B37-2	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106005	FA-1B	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106006	B36	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106007	B34-2	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106008	B64	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106009	B34-1	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106010	B38-1	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106011	B38-2	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106012	FA-2C	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106013	B39	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106014	MO5-B	EPA 7470	MERP/2260	EPA 7470	MERC/2264
3543106001	EQ Blank (11/14/11)	EPA 8260	MSV/4147		
3543106002	B37-1	EPA 8260	MSV/4147		
3543106003	B37-1 DUP	EPA 8260	MSV/4147		
3543106004	B37-2	EPA 8260	MSV/4147		
3543106005	FA-1B	EPA 8260	MSV/4147		
3543106006	B36	EPA 8260	MSV/4147		
3543106007	B34-2	EPA 8260	MSV/4157		
3543106008	B64	EPA 8260	MSV/4147		
3543106009	B34-1	EPA 8260	MSV/4147		
3543106010	B38-1	EPA 8260	MSV/4147		
3543106011	B38-2	EPA 8260	MSV/4147		
3543106012	FA-2C	EPA 8260	MSV/4147		
3543106013	B39	EPA 8260	MSV/4147		
3543106014	MO5-B	EPA 8260	MSV/4147		
3543106015	Trip Blank (11/14/11)	EPA 8260	MSV/4147		
3543106001	EQ Blank (11/14/11)	SM 2540C	WET/10933		
3543106002	B37-1	SM 2540C	WET/10933		
3543106003	B37-1 DUP	SM 2540C	WET/10933		
3543106004	B37-2	SM 2540C	WET/10933		
3543106005	FA-1B	SM 2540C	WET/10933		
3543106006	B36	SM 2540C	WET/10933		
3543106007	B34-2	SM 2540C	WET/10933		
3543106008	B64	SM 2540C	WET/10933		
3543106009	B34-1	SM 2540C	WET/10933		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka Semi-annual
Pace Project No.: 3543106

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543106010	B38-1	SM 2540C	WET/10933		
3543106011	B38-2	SM 2540C	WET/10933		
3543106012	FA-2C	SM 2540C	WET/10933		
3543106013	B39	SM 2540C	WET/10933		
3543106014	MO5-B	SM 2540C	WET/10933		
3543106001	EQ Blank (11/14/11)	EPA 300.0	WETA/13387		
3543106002	B37-1	EPA 300.0	WETA/13387		
3543106003	B37-1 DUP	EPA 300.0	WETA/13387		
3543106004	B37-2	EPA 300.0	WETA/13387		
3543106005	FA-1B	EPA 300.0	WETA/13387		
3543106006	B36	EPA 300.0	WETA/13387		
3543106007	B34-2	EPA 300.0	WETA/13387		
3543106008	B64	EPA 300.0	WETA/13387		
3543106009	B34-1	EPA 300.0	WETA/13387		
3543106010	B38-1	EPA 300.0	WETA/13387		
3543106011	B38-2	EPA 300.0	WETA/13387		
3543106012	FA-2C	EPA 300.0	WETA/13387		
3543106013	B39	EPA 300.0	WETA/13387		
3543106014	MO5-B	EPA 300.0	WETA/13387		
3543106001	EQ Blank (11/14/11)	EPA 300.0	WETA/13389		
3543106002	B37-1	EPA 300.0	WETA/13389		
3543106003	B37-1 DUP	EPA 300.0	WETA/13389		
3543106004	B37-2	EPA 300.0	WETA/13389		
3543106005	FA-1B	EPA 300.0	WETA/13389		
3543106006	B36	EPA 300.0	WETA/13389		
3543106007	B34-2	EPA 300.0	WETA/13389		
3543106008	B64	EPA 300.0	WETA/13389		
3543106009	B34-1	EPA 300.0	WETA/13389		
3543106010	B38-1	EPA 300.0	WETA/13389		
3543106011	B38-2	EPA 300.0	WETA/13389		
3543106012	FA-2C	EPA 300.0	WETA/13389		
3543106013	B39	EPA 300.0	WETA/13389		
3543106014	MO5-B	EPA 300.0	WETA/13389		
3543106001	EQ Blank (11/14/11)	EPA 350.1	WETA/13450		
3543106002	B37-1	EPA 350.1	WETA/13450		
3543106003	B37-1 DUP	EPA 350.1	WETA/13450		
3543106004	B37-2	EPA 350.1	WETA/13450		
3543106005	FA-1B	EPA 350.1	WETA/13450		
3543106006	B36	EPA 350.1	WETA/13450		
3543106007	B34-2	EPA 350.1	WETA/13450		
3543106008	B64	EPA 350.1	WETA/13450		
3543106009	B34-1	EPA 350.1	WETA/13450		
3543106010	B38-1	EPA 350.1	WETA/13450		
3543106011	B38-2	EPA 350.1	WETA/13450		
3543106012	FA-2C	EPA 350.1	WETA/13450		
3543106013	B39	EPA 350.1	WETA/13450		
3543106014	MO5-B	EPA 350.1	WETA/13450		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

3543166

Page: 1 of 2
 1424356
 REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

Section A
 Required Client Information:
 Company: VOLUSA COUNTY SOLID WASTE
 Address: 1990 TOMOKY FARMS RD.
 City: DAYTONA BEACH, FL 32124
 Email: TK:
 Phone: _____ Fax: _____
 Requested Date: TAT:

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

ITEM #	Section D Required Client Information	Matrix Codes MATRIX 1 CODE Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	SAMPLE TYPE (G-GRAB C-COMP)	COLLECTED		# OF CONTAINERS	Preservatives										Analysis Test	Requested Analysis Filtered (Y/N)	Pace Project No./ Lab I.D.	
				DATE	TIME		DATE	TIME	UNPRESERVED	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other				
1	EQ		AWG	11/14/11	1010	3														
2	B37-1				1059															
3	DUP				1038															
4	B37-2				1118															
5	FA-1B				1144															
6	B36				1203															
7	B34-a				1280															
8	B64				1245															
9	B34-1				1313															
10	B38-1				1338															
11	B38-a				1412															
12	FA-a				1427															

ADDITIONAL COMMENTS
 RELINQUISHED BY / AFFILIATION: R. H. Hester DATE: 11-14-11 1650
 ACCEPTED BY / AFFILIATION: _____ DATE: 11/14/11 1650
 Temp in °C: _____
 Received on Ice (Y/N): _____
 Custody Sealed Cooler (Y/N): _____
 Samples Intact (Y/N): _____

ORIGINAL

PRINT NAME of SAMPLER: Roger Higdon DATE Signed: 11/14/11
 SIGNATURE of SAMPLER: _____ (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

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CHAIN-OF-CUSTODY / Analytical Request Document

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



3543106

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1424355

Section A
Required Client Information:

Company: Volusia County Solid Waste
Address: 1790 TOMOKA FARMS RD DAYTONA Beach, FL 32114
Enact To: _____

Report To: MS. Jennifer Stirk
Copy To: _____

Purchase Order No.: _____
Project Name: Tomoka semi - ground
Project Number: _____

Phone: _____ Fax: _____
Requested Due Date/TAT: _____

Section C
Invoice Information:
Attention: _____
Company Name: _____
Address: _____
Peak Guide: _____
Reference: _____
Face Project Manager: _____
Face Profile #: _____

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER

Site Location: _____
STATE: _____

ITEM #	Section D Required Client Information	Matrix Codes MATRIX L_CODE	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test ↑ Y/N	Requested Analysis Filtered (Y/N)		Pace Project No./ Lab I.D.
				COMPOSITE START	COMPOSITE END/GRAB					DATE	TIME	
1	B-39	Drinking Water		DATE: 11-14-11	TIME: 1650	8	Unpreserved					
2	M05B	Water		DATE: 11-14-11	TIME: 1650	2	H ₂ O ₂					
3	Trip blanks	Waste Water		DATE: 11-14-11	TIME: 1650	2	NaOH					
4		Product					HCl					
5		Soil/Solid					HNO ₃					
6		Oil					H ₂ SO ₄					
7		Wipe					Unpreserved					
8		Air					Na ₂ O ₂					
9		Tissue					Methanol					
10		Other					Other					
11												
12												

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: [Signature] DATE: 11/14/11 TIME: 1650

ACCEPTED BY / AFFILIATION: [Signature] DATE: 11/14/11 TIME: 1650

SAMPLER NAME AND SIGNATURE: [Signature]

PRINT Name of SAMPLER: Renee Higdon Isaacs

SIGNATURE of SAMPLER: [Signature]

DATE Signed (MM/DD/YYYY): 11/14/11

Temp In °C: 1.2

Received on Ice (Y/N): Y

Instody Cooled (Y/N): Y

Samples Intact (Y/N): Y

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for invoices not paid within 30 days. F-ALL-C-020rev.07.15-May-2007

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual				Site Location: Volusia County, FL								
Well #: <u>EQ</u>		Sample ID:			Date: <u>11/17/11</u>							
PURGING DATA							YSI: 02606/2692					
Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water:	Sampling Device: PP								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume												
Initial Pump or Tubing Depth in Well (Feet):		Final Pump or Tubing Depth in Well:		Purging Initiated At:		Purging Ended At:	Total Volume Purged (Gallons):					
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>10:10</u>												
Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 Tubing Inside Dia. Capacity (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												

SAMPLING DATA

Sampled By (Print) James Stockbridge		Sampler(s) Signature <i>[Signature]</i>		Sampling Initiated At: <u>10:10</u>	Sampling Ended At:			
Pump or Tubing Depth in Well (Feet):	Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>	Tubing Material Code: <u>PE</u>	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 64
 Rain: [Yes] No
 Wind Speed: 5-10
 Wind Direction: W

<input type="checkbox"/> Surface Water	Taken From:	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore <input type="checkbox"/> Surface	Sampling Point: _____ Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/> 15 min
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ _____	Bottles Preserved <2pH

Field Notes:
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See Work Order/Bottle Order
DEP Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B37-1 / Dup	Sample ID:
Date: 11/14/11	

PURGING DATA

YSI-2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 1.65	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(37.70 - 1.65) \times 0.16$ Gallons/Foot = 5.768 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (X) + = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 7	Final Pump or Tubing Depth in Well: 7	Purging Initiated At: 1004	Purging Ended At: 1031	Total Volume Purged (Gallons): 13.5

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
10/16	6.0	6.0	1.50	3.18	6.32	23.25	8028	0.27	14.0	4 DOWN	425	-56.3
10/19	1.50	7.5	+	+	6.32	23.53	8020	0.25	9.41	+	+	-57.7
10/22	1.50	9.0	+	+	6.41	23.45	8317	0.23	10.28	+	+	-71.3
10/25	1.50	10.5	+	+	6.43	23.40	8414	0.22	2.39	+	+	-81.8
10/28	1.50	12	+	+	6.43	23.36	8433	0.24	3.14	+	+	-91.0
10/31	1.50	13.5	+	+	6.43	23.37	8461	0.23	3.57	+	+	-75.3

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" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): Roger Higdon	Pace		Sampler(s) Signatures: <i>R. Higdon</i>		Sampling Initiated At: 1032	Sampling Ended At: 1054		
Pump or Tubing Depth in Well (Feet): 7	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: (Yes) (No)	Field-Filtered: (Yes) (No)	Filter Size: µm	Duplicate: (Yes) (No)		
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **75°C**
 Rain: [Yes] (No)
 Wind Speed: **0**
 Wind Direction: **NE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ 1050	Bottles Preserved <2pH

Field Notes:

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B37-D	Sample ID: _____
Date: 11/4/11	

PURGING DATA

YSL 2606/2897

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to _____	Static Depth to Water: 1.15	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(16.92 - 1.15) \times 0.16$ Gallons/foot = 2.5232 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
= Gallons				
Initial Pump or Tubing Depth in Well (Feet): 7	Final Pump or Tubing Depth in Well: 7	Purging Initiated At: 1100	Purging Ended At: 1117	Total Volume Purged (Gallons): 4.25

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (percent mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
11/11	2.75	2.75	25	2.91	6.36	24.24	463	0.32	9.0	LT BROWN	YES	-23.0
11/14	25	3.50	I	2.99	6.37	24.05	458	0.27	5.23	I	I	-23.5
11/17	25	4.25	I	3.01	6.38	24.05	453	0.25	7.37	I	I	-25.9

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

SAMPLING DATA

Sampled By (Print): Roger Higdon			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 1118	Sampling Ended At: 1130	
Pump or Tubing Depth in Well (Feet): 7		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Duplicate: <input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No		
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions

Sunny

Partly Cloudy

Cloudy

Temperature: **25.0**

Rain: Yes / No

Wind Speed: **5.3**

Wind Direction: **NE**

<input type="checkbox"/> Surface Water	Taken From:	<input type="checkbox"/> Waste Water: Start Time _____	Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore <input type="checkbox"/> Surface	Sampling Point: _____	Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>	
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 1131	Bottles Preserved <2pH

Field Notes: _____

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See Work Order/Bottle Order

DEP Central

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: FA-1B	Sample ID: _____ Date: 11/14/11

PURGING DATA

YSI: 02606(2697)

Well Diameter: 5.5" / 2.4"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: 13.78	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(98.18 - 13.78) \times 0.65$ Gallons/Foot = 5486 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons				

Initial Pump or Tubing Depth in Well (Feet): 16	Final Pump or Tubing Depth in Well: 16	Purging Initiated At: 1000	Purging Ended At: 1143	Total Volume Purged (Gallons): 8300
---	--	----------------------------	------------------------	-------------------------------------

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or (S/cm))	Dissolved Oxygen (circle mg/l or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1115	55.00	55.00	1.0	14.60	7.15	22.45	576	6.05	0.00	20.00	none	-97.8
1129	14.00	69.00	1	17.60	7.14	22.47	576	6.04	0.00	1	1	-101.7
1143	14.00	83.00	1	17.60	7.14	22.55	576	6.04	0.00	1	1	-98.9

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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): James Stockbridge		Sampler Signatures: <i>[Signature]</i>		Sampling Initiated At: 1144	Sampling Ended At: 1153			
Pump or Tubing Depth in Well (Feet): 16	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: (Yes) [No]	Field-Filtered: (Yes) (No) [No]	Duplicate: (Yes) (No) [No]			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 64
 Rain: [Yes] [No] [No]
 Wind Speed: 5-10
 Wind Direction: N

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ 1154	Bottles Preserved <2pH

Field Notes:

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual						Site Location: Volusia County, FL						
Well #: B36				Sample ID:				Date: 11/14/11				
PURGING DATA												
Well Diameter: 2"		Tubing Diameter: 3/8"		Well Screen Interval Depth: Feet to		Static Depth to Water: 153		YSI 2606/2697 Sampling Device: PP				
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume (34.35 - 153) X 0.16 Gallons/foot = 5,251.2 Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons												
Initial Pump or Tubing Depth in Well (Feet): 7			Final Pump or Tubing Depth in Well: 8			Purging Initiated At: 1138		Purging Ended At: 1202		Total Volume Purged (Gallons): 11.5		
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1150	5.50	5.50	50	6.12	6.36	23.73	976	0.16	3.40	40	NO	-29.2
1153	1.50	7.0	1	6.23	6.27	23.70	1191	0.13	1.91	1	YES	-19.5
1156	1.50	8.5	1	6.24	6.27	23.62	1604	0.12	1.48	1	1	-18.1
1159	1.50	10	1	6.27	6.30	23.63	1663	0.15	0.92	1	1	-22.6
1202	1.50	11.5	1	6.32	6.32	23.65	1668	0.13	1.02	1	1	-24.8
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" = 0.0028; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												

SAMPLING DATA

Sampled By (Print): Roger Higdon				Sampler(s) Signatures: <i>R. Higdon</i>				Sampling Initiated At: 1203		Sampling Ended At: 1215	
Pump or Tubing Depth in Well (Feet): 8		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Filter Size: _____ µm											
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code			

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **79.0**
 Rain: [Yes] [No]
 Wind Speed: **0-3**
 Wind Direction: **NE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1216 Bottles Preserved <2pH	
Field Notes: WELL CAP/LOCK NOT WORKING PROPERLY, WOULD NOT LATCH!					

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B34.2	Sample ID:
Date: 11/14/11	

PURGING DATA

YSI: 02606(2697)

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 1.79	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(12.00 - 1.79) \times 0.16$ Gallons/Foot = 24336 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 5	Final Pump or Tubing Depth in Well: 5	Purging Initiated At: 1200	Purging Ended At: 1219	Total Volume Purged (Gallons): 4.75

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1210	2.50	2.50	.25	4.25	7.13	24.25	1311	0.06	259	ORANGE	Yes	-171.6
1213	.75	3.25		4.25	7.13	23.62	1313	0.06	2.11			-172.1
1216	.75	4.00		4.25	7.12	23.60	1319	0.06	1.78			-171.2
1219	.75	4.75		4.25	7.12	23.58	1320	0.06	1.33			-170.9

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

SAMPLING DATA

Sampled By (Print): James Stockbridge / Pace		Sampler(s) Signature: <i>[Signature]</i>		Sampling Initiated At: 1220	Sampling Ended At: 1230			
Pump or Tubing Depth in Well (Feet): 5	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: (Yes) [No]	Field-Filtered: (Yes) [No]	Duplicate: (Yes) [No]			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 66
 Rain: [Yes] [No]
 Wind Speed: 5
 Wind Direction: N

<input type="checkbox"/> Surface Water	Taken From:	<input type="checkbox"/> Waste Water: Start Time _____	Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore <input type="checkbox"/> Surface	Sampling Point: _____	Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	mL per: {} Hour {} 1/2 Hour {}	
	<input type="checkbox"/> Wading <input type="checkbox"/> Other		
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ 12:31	Bottles Preserved <2pH	
Field Notes: ANT MOUND INSIDE WELL CASING.			

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Central District

See Work Order/Bottle Order

DEP Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual						Site Location: Volusia County, FL							
Well #: B64				Sample ID:				Date: 11/14/11					
PURGING DATA													
Well Diameter: 2"		Tubing Diameter: 3/8"		Well Screen Interval Depth: Feet to		Static Depth to Water: 1.80		Sampling Device: PP					
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume													
(17.55 - 1.80) X 0.16 Gallons/Foot = 2.52 Gallons													
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume													
= Gallons													
Initial Pump or Tubing Depth in Well (Feet): 7				Final Pump or Tubing Depth in Well: 7				Purging Initiated At: 1230		Purging Ended At: 1247		Total Volume Purged (Gallons): 4.25	
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP	
1241	2.75	2.75	1.25	3.52	5.54	21.75	733	0.20	11.2	BROWN	YES	-36.6	
1244	1.25	3.50	1	3.71	6.91	22.75	735	0.25	7.04	↓	↓	-43.2	
1247	1.75	4.25	1	3.99	5.96	21.77	735	0.20	7.19	↓	↓	-46.6	
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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016													

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace				Sampler(s) Signatures: <i>R. Higdon</i>				Sampling Initiated At: 1248		Sampling Ended At: 1300	
Pump or Tubing Depth in Well (Feet): 7		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Filter Size: _____ µm											
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code			

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **76.0**
 Rain: [Yes] [No]
 Wind Speed: **0-3**
 Wind Direction: **NE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] ½ Hour []			
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1301 Bottles Preserved <2pH			

Field Notes:

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DEP Central District

See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B34-1	Sample ID: _____
Date: 11/14/11	

PURGING DATA

YSI: 02606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: 3.65	Sampling Device: PP								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(34.21 - 3.65) \times 0.16$ Gallons/Foot = 4.8894 Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = _____ Gallons												
Initial Pump or Tubing Depth in Well (Feet): 7	Final Pump or Tubing Depth in Well: 7	Purging Initiated At: 1237	Purging Ended At: 1312	Total Volume Purged (Gallons): 8.75								
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or (S/cm))	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1257	5.00	5.00	.25	5.67	6.63	23.49	1026	0.07	1.70	NONE	NONE	-96.7
1302	1.25	6.25		5.67	6.56	23.16	1025	0.06	0.00			-91.2
1307	1.25	7.50		5.67	6.56	23.17	1025	0.03	0.31			-91.4
1312	1.25	8.75		5.67	6.56	23.20	1025	0.04	0.34			-70.9
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												

SAMPLING DATA

Sampled By (Print): James Stockbridge		Pace		Sampler(s) Signature: <i>[Signature]</i>		Sampling Initiated At: 1313	Sampling Ended At: 1319	
Pump or Tubing Depth in Well (Feet): 7	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: (Yes) [No]	Field-Filtered: (Yes) [No]	Filter Size: _____ µm	Duplicate: (Yes) [No]		
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **67**
 Rain: [Yes] [No]
 Wind Speed: **5-10**
 Wind Direction: **W**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____ <input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1320 Bottles Preserved <2pH	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____ <input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] ½ Hour []
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Field Notes: _____

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See Work Order/Bottle Order DEP Central District

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL

Well #: B38-1 Sample ID: Date: 11/14/11

PURGING DATA

YSI 2606/2697

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: 4.16 Sampling Device: PP

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
(39.45 - 4.16) X 0.16 Gallons/Foot = 5,646.4 Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): 10 Final Pump or Tubing Depth in Well: 10 Purging Initiated At: 1310 Purging Ended At: 1337 Total Volume Purged (Gallons): 13.5

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1322	6.0	6.0	30	5.38	4.63	23.13	299	0.83	642	2	slight	137.9
1325	1.5	7.5			4.71	22.95	304	0.52	423			126.2
1328	1.5	9.0			4.70	22.66	312	0.40	274			120.2
1331	1.5	10.5		5.44	4.52	22.58	314	0.30	183			122.6
1334	1.5	12		5.45	4.51	22.30	313	0.31	258			124.4
1337	1.5	13.5			4.55	22.24	314	0.25	2.01			118.2

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

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace Sampler(s) Signatures: R. Higdon Sampling Initiated At: 1338 Sampling Ended At: 1350

Pump or Tubing Depth in Well (Feet): 10 Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: Yes No Field-Filtered: Yes No Duplicate: Yes No Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 81.0
 Rain: Yes No
 Wind Speed: 0-3
 Wind Direction: NE

Surface Water Taken From: Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: Hour 1/2 Hour 15 min

Soils/Sediment Sampling Point: _____ Sample Depth: _____ Composite Grab
 Drum Waste Type: _____ Layers [Yes] [No] Composite Grab
 Other: Sampling Point: _____ Sample Depth: _____ Composite Grab

Discharged Method: Ground Barrel On Ice @ 1351 Bottles Preserved <2pH

Field Notes: _____

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B38-2	Sample ID: _____
Date: 11/14/11	

PURGING DATA

YSI 2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: 1.77	Sampling Device: PP								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(17.50 - 1.77) \times 0.16$ Gallons/Foot = 2.5168 Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume + (_____ X _____) + _____ = Gallons												
Initial Pump or Tubing Depth in Well (Feet): 7	Final Pump or Tubing Depth in Well: 7	Purging Initiated At: 1354	Purging Ended At: 1411	Total Volume Purged (Gallons): 4.25								
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1405	2.75	2.75	.25	3.79	5.60	21.84	337	0.15	3.42	AROUND	YES	30.7
1408	.75	3.50	1	3.83	5.66	21.69	338	0.17	3.13	1	1	24.6
1411	.75	4.25	1	1	5.66	21.65	338	0.18	3.19	1	1	22.2
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./FL): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016												

SAMPLING DATA

Sampled By (Print): Roger Higdon			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 1412	Sampling Ended At: 1424	
Pump or Tubing Depth in Well (Feet): 7		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **30**
 Rain: Yes No
 Wind Speed: **0.3**
 Wind Direction: **NE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____ <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 1425		Bottles Preserved <2pH	
Field Notes:					

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: FA-2C	Sample ID: _____ Date: 11/14/11

PURGING DATA

YSI: 02606(2697)

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to	Static Depth to Water: 13.56	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(96.13 - 13.56) \times 0.16$ Gallons/Foot = 13,211.2 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume _____ + (_____ X _____) + _____ = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 15	Final Pump or Tubing Depth in Well: 15	Purging Initiated At: 1331	Purging Ended At: 1426	Total Volume Purged (Gallons): 27.50

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1358	13.50	13.50	.50	13.99	8.23	22.32	713	0.05	2.31	NOOD	NOOD	-249.8
1405	3.50	17.00		13.99	7.77	22.33	713	0.05	1.37			-194.7
1412	3.50	20.50		13.99	7.48	22.30	714	0.05	0.16			-172.3
1419	3.50	24.00		13.99	7.46	22.31	714	0.05	0.17			-172.0
1426	3.50	27.50		13.99	7.47	22.32	715	0.06	0.02			-171.4

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

SAMPLING DATA

Sampled By (Print): James Stockbridge		Sampler's Signature: <i>[Signature]</i>		Sampling Initiated At: 1427	Sampling Ended At: 1435
Pump or Tubing Depth in Well (Feet): 15	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> (Yes) [No]	Field-Filtered: <input checked="" type="checkbox"/> (Yes) [No]	Duplicate: <input checked="" type="checkbox"/> (Yes) [No]
Filter Size: _____ µm					

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **69**
 Rain: [Yes] [No]
 Wind Speed: **5-10**
 Wind Direction: **N**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ [] Composite [] Grab mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____	Sample Depth: _____	[] Composite [] Grab
<input type="checkbox"/> Drum Waste Type: _____	Layers [Yes] [No]	[] Composite [] Grab
<input type="checkbox"/> Other: Sampling Point: _____	Sample Depth: _____	[] Composite [] Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ _____	Bottles Preserved <2pH

Field Notes: _____

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Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B39	Sample ID: _____ Date: 11/14/11

PURGING DATA

YSK2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to _____	Static Depth to Water: 5.63	Sampling Device: PP								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume (17.69 - 5.63) X 0.16 Gallons/Foot = 1.9296 Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons												
Initial Pump or Tubing Depth in Well (Feet): 12	Final Pump or Tubing Depth in Well: 12	Purging Initiated At: 1432	Purging Ended At: 1444	Total Volume Purged (Gallons): 3.0								
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1440	2.0	2.0	.25	7.20	4.58	23.42	168	1.12	15.1	BROWN	slight	191.4
1442	50	2.5	 	7.24	4.58	23.36	166	1.01	15.3	 	 	186.0
1444	50	3.0	 	 	4.61	23.27	164	0.89	15.2	 	 	180.6
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												

SAMPLING DATA

Sampled By (Print) Roger Higdon		Sampler(s) Signatures <i>R. Higdon</i>		Sampling Initiated At: 1445	Sampling Ended At: 1457			
Pump or Tubing Depth in Well (Feet): 12	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: (Yes) (No) (No)	Field-Filtered: (Yes) (No) (No)	Duplicate: (Yes) (No) (No)			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **84°**
 Rain: [Yes] [No]
 Wind Speed: **0-3**
 Wind Direction: **NE**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____		Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____		Layers [Yes] [No]		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other Sampling Point: _____		Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 1458		Bottles Preserved <2pH	
Field Notes: _____					

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Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: M03B	Sample ID: _____ Date: 11/14/11

PURGING DATA

YSI 2606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to	Static Depth to Water: 10.29	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(35.80 - 10.29) \times 0.16$ Gallons/foot = 4.0816 Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 16	Final Pump or Tubing Depth in Well: 16	Purging Initiated At: 1510	Purging Ended At: 1542	Total Volume Purged (Gallons): 80

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1527	4.25	4.25	1.25	11.87	5.99	23.44	1411	0.24	1.35	Green	YES	2.1
1532	1.25	5.50	1	11.88	6.03	23.27	1564	0.22	1.45	±	±	-8.4
1537	1.25	6.75	1	±	6.04	23.94	1577	0.20	1.37	±	±	-10.6
1542	1.25	8.0	1	±	6.04	23.21	1584	0.19	1.20	±	±	-12.8

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

SAMPLING DATA

Sampled By (Print): Roger Higdon / Pace			Sampler(s) Signatures: <i>R. Higdon</i>			Sampling Initiated At: 1543	Sampling Ended At: 1555	
Pump or Tubing Depth in Well (Feet): 16		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Filter Size: _____ µm	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **92.0**
 Rain: [Yes] [No]
 Wind Speed: **05**
 Wind Direction: **W**

<input type="checkbox"/> Surface Water	Taken From:	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____
Total Depth: _____	<input type="checkbox"/> Shore <input type="checkbox"/> Surface	Sampling Point: _____ Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	mL per: [] Hour [] ½ Hour []
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No]
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____
Discharged Method	<input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ 1556 Bottles Preserved <2pH

Field Notes: _____

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Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Volusia Project # 3543106

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: 11/19/11

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used 773 Type of Ice: Wet Blue None

Cooler Temperature °C 1.4 (Visual) -0.2 (Correction Factor) 1.2 (Actual)

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

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

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

Chain of Custody Present	<input type="checkbox"/>
Chain of Custody Filled Out	<input type="checkbox"/>
Relinquished Signature & Sampler Name COC	<input type="checkbox"/>
Samples Arrived within Hold Time	<input type="checkbox"/>
Sufficient Volume	<input type="checkbox"/>
Correct Containers Used	<input type="checkbox"/>
Containers Intact	<input type="checkbox"/>
Sample Labels match COC (sample IDs & date/time of collection)	<input type="checkbox"/>
No Labels: <input type="checkbox"/> No Time/Date on Labels: <input type="checkbox"/>	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/>
No Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> <u>B37-1 1 of 3</u>

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: [Signature] Date: 11/19/11

Finished Product Information Only

F.P. Sample ID: _____
Production Code: _____
Date/Time Opened: _____
Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

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

Extra Sample in Shed: Yes No

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November 23, 2011

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

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DEP Central District

RE: Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 16, 2011. 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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3543287001	Equip blank (11/16/11)	Water	11/16/11 09:35	11/16/11 12:45
3543287002	B61R	Water	11/16/11 10:07	11/16/11 12:45
3543287003	B62-1R	Water	11/16/11 10:55	11/16/11 12:45
3543287004	Trip blank (11/16/11)	Water	11/16/11 08:00	11/16/11 12:45

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SAMPLE ANALYTE COUNT

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543287001	Equip blank (11/16/11)	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
3543287002	B61R	EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
3543287003	B62-1R	EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
3543287004	Trip blank (11/16/11)	EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O

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DEP Central District

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3543287002	B61R					
	Field pH	6.99	Std. Units		11/16/11 10:07	
	Field Temperature	25.75	deg C		11/16/11 10:07	
	Appearance	Color: None, Sheen: None			11/16/11 10:07	
	Field Specific Conductance	1190	umhos/cm		11/16/11 10:07	
	Oxygen, Dissolved	1.04	mg/L		11/16/11 10:07	
	REDOX	-51.0	mV		11/16/11 10:07	
	Turbidity	1.41	NTU		11/16/11 10:07	
	Depth to Water	13.90	feet		11/16/11 10:07	
	Water Level(NGVD)	25.92	feet		11/16/11 10:07	
EPA 6010	Barium	181	ug/L	10.0	11/18/11 19:32	
EPA 6010	Copper	15.0	ug/L	5.0	11/18/11 19:32	
EPA 6010	Iron	19400	ug/L	40.0	11/18/11 19:32	
EPA 6010	Sodium	33.1	mg/L	1.0	11/18/11 19:32	
SM 2540C	Total Dissolved Solids	644	mg/L	10.0	11/18/11 12:17	
EPA 300.0	Nitrate as N	0.30	mg/L	0.10	11/17/11 02:02	
EPA 300.0	Chloride	25.0	mg/L	10.0	11/17/11 02:02	
EPA 300.0	Sulfate	18.7	mg/L	10.0	11/17/11 02:02	
EPA 350.1	Nitrogen, Ammonia	22.5	mg/L	0.25	11/22/11 11:53	
3543287003	B62-1R					
	Field pH	7.22	Std. Units		11/16/11 10:55	
	Field Temperature	24.65	deg C		11/16/11 10:55	
	Appearance	Color: None, Sheen: None			11/16/11 10:55	
	Field Specific Conductance	2657	umhos/cm		11/16/11 10:55	
	Oxygen, Dissolved	0.14	mg/L		11/16/11 10:55	
	REDOX	-104.1	mV		11/16/11 10:55	
	Turbidity	2.35	NTU		11/16/11 10:55	
	Depth to Water	14.25	feet		11/16/11 10:55	
	Water Level(NGVD)	25.48	feet		11/16/11 10:55	
EPA 6010	Barium	471	ug/L	10.0	11/18/11 19:36	
EPA 6010	Chromium	2.5U	ug/L	5.0	11/18/11 19:36	
EPA 6010	Iron	24000	ug/L	40.0	11/18/11 19:36	J(M1)
EPA 6010	Nickel	7.7	ug/L	5.0	11/18/11 19:36	
EPA 6010	Sodium	223	mg/L	1.0	11/18/11 19:36	J(M1)
EPA 8260	Chlorobenzene	2.5	ug/L	1.0	11/17/11 19:51	
SM 2540C	Total Dissolved Solids	1290	mg/L	20.0	11/18/11 12:17	
EPA 300.0	Chloride	171	mg/L	10.0	11/17/11 02:14	
EPA 300.0	Sulfate	44.9	mg/L	10.0	11/17/11 02:14	
EPA 350.1	Nitrogen, Ammonia	105	mg/L	0.50	11/22/11 12:46	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: Equip blank (11/16/11) Lab ID: 3543287001 Collected: 11/16/11 09:35 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.0049U	ug/L	0.020	0.0049	1	11/21/11 13:30	11/22/11 06:03	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/21/11 13:30	11/22/11 06:03	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:19	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:19	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:19	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:19	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:19	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:19	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:19	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/17/11 10:47	11/18/11 19:19	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:19	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:19	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/17/11 10:47	11/18/11 19:19	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:19	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:19	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:19	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/17/11 10:47	11/18/11 19:19	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 12:23	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 12:23	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/17/11 05:00	11/17/11 15:15	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 14:54	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 14:54	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 14:54	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543287

Sample: Equip blank (11/16/11) Lab ID: 3543287001 Collected: 11/16/11 09:35 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 14:54	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 14:54	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 14:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 14:54	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 14:54	79-34-5	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	127-18-4	
1,1-Dibromoethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 14:54	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 14:54	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 14:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/17/11 14:54	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/17/11 14:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		86-125		1		11/17/11 14:54	17060-07-0	
Toluene-d8 (S)	102 %		87-113		1		11/17/11 14:54	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/18/11 12:16		
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/17/11 01:01	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/17/11 01:01	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/17/11 01:01	14808-79-8	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: Equip blank (11/16/11) Lab ID: 3543287001 Collected: 11/16/11 09:35 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia									
Analytical Method: EPA 350.1									
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/18/11 10:13	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: B61R Lab ID: 3543287002 Collected: 11/16/11 10:07 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.99	Std. Units			1		11/16/11 10:07		
Field Temperature	25.75	deg C			1		11/16/11 10:07		
Appearance	Color:				1		11/16/11 10:07		
	Sheen:								
	None								
Field Specific Conductance	1190	umhos/cm			1		11/16/11 10:07		
Oxygen, Dissolved	1.04	mg/L			1		11/16/11 10:07	7782-44-7	
REDOX	-51.0	mV			1		11/16/11 10:07		
Turbidity	1.41	NTU			1		11/16/11 10:07		
Depth to Water	13.90	feet			1		11/16/11 10:07		
Water Level(NGVD)	25.92	feet			1		11/16/11 10:07		
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	11/21/11 13:30	11/22/11 06:18	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/21/11 13:30	11/22/11 06:18	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
As	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:32	7440-38-2	
Cd	181	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:32	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:32	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:32	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:32	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:32	7440-48-4	
Copper	15.0	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:32	7440-50-8	
Iron	19400	ug/L	40.0	20.0	1	11/17/11 10:47	11/18/11 19:32	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:32	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:32	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/17/11 10:47	11/18/11 19:32	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:32	7440-22-4	
Sodium	33.1	mg/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:32	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:32	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/17/11 10:47	11/18/11 19:32	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 12:29	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 12:29	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/17/11 05:00	11/17/11 15:18	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: B61R Lab ID: 3543287002 Collected: 11/16/11 10:07 Received: 11/16/11 12:45 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		11/17/11 19:27	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 19:27	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 19:27	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 19:27	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 19:27	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 19:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 19:27	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 19:27	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 19:27	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 19:27	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 19:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87 %		70-114		1		11/17/11 19:27	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/17/11 19:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	108 %		86-125		1		11/17/11 19:27	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/17/11 19:27	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: B61R Lab ID: 3543287002 Collected: 11/16/11 10:07 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	644	mg/L	10.0	10.0	1		11/18/11 12:17		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.30	mg/L	0.10	0.050	2		11/17/11 02:02	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	25.0	mg/L	10.0	5.0	2		11/17/11 02:02	16887-00-6	
Sulfate	18.7	mg/L	10.0	5.0	2		11/17/11 02:02	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	22.5	mg/L	0.25	0.10	5		11/22/11 11:53	7664-41-7	

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

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Sample: B62-1R Lab ID: 3543287003 Collected: 11/16/11 10:55 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	7.22	Std. Units			1		11/16/11 10:55		
Field Temperature	24.65	deg C			1		11/16/11 10:55		
Appearance	Color:	None,			1		11/16/11 10:55		
	Sheen:	None							
Field Specific Conductance	2657	umhos/cm			1		11/16/11 10:55		
Oxygen, Dissolved	0.14	mg/L			1		11/16/11 10:55	7782-44-7	
REDOX	-104.1	mV			1		11/16/11 10:55		
Turbidity	2.35	NTU			1		11/16/11 10:55		
Depth to Water	14.25	feet			1		11/16/11 10:55		
Water Level(NGVD)	25.48	feet			1		11/16/11 10:55		
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	11/21/11 13:30	11/22/11 06:34	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/21/11 13:30	11/22/11 06:34	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:36	7440-38-2	
Barium	471	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:36	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:36	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:36	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:36	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:36	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:36	7440-50-8	
Iron	24000	ug/L	40.0	20.0	1	11/17/11 10:47	11/18/11 19:36	7439-89-6	J(M1)
Lead	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:36	7439-92-1	
Nickel	7.7	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:36	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/17/11 10:47	11/18/11 19:36	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/17/11 10:47	11/18/11 19:36	7440-22-4	
Sodium	223	mg/L	1.0	0.50	1	11/17/11 10:47	11/18/11 19:36	7440-23-5	J(M1)
Vanadium	5.0U	ug/L	10.0	5.0	1	11/17/11 10:47	11/18/11 19:36	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/17/11 10:47	11/18/11 19:36	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 12:36	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/17/11 10:47	11/18/11 12:36	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/17/11 05:00	11/17/11 15:26	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: B62-1R Lab ID: 3543287003 Collected: 11/16/11 10:55 Received: 11/16/11 12:45 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		11/17/11 19:51	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	56-23-5	
Chlorobenzene	2.5	ug/L	1.0	0.50	1		11/17/11 19:51	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 19:51	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 19:51	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 19:51	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 19:51	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 19:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 19:51	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 19:51	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 19:51	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 19:51	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 19:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91 %		70-114		1		11/17/11 19:51	460-00-4	
Dibromofluoromethane (S)	107 %		88-117		1		11/17/11 19:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		86-125		1		11/17/11 19:51	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 19:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: B62-1R Lab ID: 3543287003 Collected: 11/16/11 10:55 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	1290	mg/L	20.0	20.0	1		11/18/11 12:17		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.050U	mg/L	0.10	0.050	2		11/17/11 02:14	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	171	mg/L	10.0	5.0	2		11/17/11 02:14	16887-00-6	
Sulfate	44.9	mg/L	10.0	5.0	2		11/17/11 02:14	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	105	mg/L	0.50	0.20	10		11/22/11 12:46	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543287

Sample: Trip blank (11/16/11) Lab ID: 3543287004 Collected: 11/16/11 08:00 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/17/11 15:18	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/17/11 15:18	74-87-3	
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/17/11 15:18	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/17/11 15:18	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	74-95-3	
1,1-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 15:18	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/17/11 15:18	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/17/11 15:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/17/11 15:18	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/17/11 15:18	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/17/11 15:18	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/17/11 15:18	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Sample: Trip blank (11/16/11) Lab ID: 3543287004 Collected: 11/16/11 08:00 Received: 11/16/11 12:45 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/17/11 15:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89 %		70-114		1		11/17/11 15:18	460-00-4	
Dibromofluoromethane (S)	106 %		88-117		1		11/17/11 15:18	1868-53-7	
1,2-Dichloroethane-d4 (S)	104 %		86-125		1		11/17/11 15:18	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/17/11 15:18	2037-26-5	

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: MERP/2266 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 292733 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/17/11 14:01	

LABORATORY CONTROL SAMPLE: 292734

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292794 292795

Parameter	Units	3543246003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Mercury	ug/L	0.10U	2	2	1.9	1.9	94	93	80-120	.5	20	

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: MPRP/6475 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 292842 Matrix: Water

Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/18/11 19:11	
Barium	ug/L	5.0U	10.0	11/18/11 19:11	
Beryllium	ug/L	0.50U	1.0	11/18/11 19:11	
Cadmium	ug/L	0.50U	1.0	11/18/11 19:11	
Chromium	ug/L	2.5U	5.0	11/18/11 19:11	
Cobalt	ug/L	5.0U	10.0	11/18/11 19:11	
Copper	ug/L	2.5U	5.0	11/18/11 19:11	
Iron	ug/L	20.0U	40.0	11/18/11 19:11	
Lead	ug/L	5.0U	10.0	11/18/11 19:11	
Nickel	ug/L	2.5U	5.0	11/18/11 19:11	
Selenium	ug/L	7.5U	15.0	11/18/11 19:11	
Silver	ug/L	2.5U	5.0	11/18/11 19:11	
Sodium	mg/L	0.50U	1.0	11/18/11 19:11	
Vanadium	ug/L	5.0U	10.0	11/18/11 19:11	
Zinc	ug/L	10.0U	20.0	11/18/11 19:11	

LABORATORY CONTROL SAMPLE: 292843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	248	99	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	25.9	103	80-120	
Cadmium	ug/L	25	26.0	104	80-120	
Chromium	ug/L	250	267	107	80-120	
Cobalt	ug/L	250	264	106	80-120	
Copper	ug/L	250	262	105	80-120	
Iron	ug/L	2500	2620	105	80-120	
Lead	ug/L	250	246	98	80-120	
Nickel	ug/L	250	265	106	80-120	
Selenium	ug/L	250	257	103	80-120	
Silver	ug/L	25	27.0	108	80-120	
Sodium	mg/L	12.5	13.6	109	80-120	
Vanadium	ug/L	250	262	105	80-120	
Zinc	ug/L	1250	1290	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292844 292845

Parameter	Units	3543287003		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Arsenic	ug/L	5.0U	250	250	250	263	265	104	105	75-125	.8	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual

Pace Project No.: 3543287

Parameter	Units	292844		292845		MS % Rec	MSD % Rec	% Rec	Limits	RPD	Max RPD	Qual
		3543287003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Barium	ug/L	471	250	250	698	723	91	101	75-125	4	20	
Beryllium	ug/L	0.50U	25	25	26.0	26.1	103	103	75-125	.5	20	
Cadmium	ug/L	0.50U	25	25	24.9	25.3	100	101	75-125	1	20	
Chromium	ug/L	2.5U	250	250	262	260	104	103	75-125	.5	20	
Cobalt	ug/L	5.0U	250	250	265	265	104	104	75-125	.08	20	
Copper	ug/L	2.5U	250	250	265	265	106	106	75-125	.1	20	
Iron	ug/L	24000	2500	2500	25300	26100	53	87	75-125	3	20	J(M1)
Lead	ug/L	5.0U	250	250	251	258	100	102	75-125	3	20	
Nickel	ug/L	7.7	250	250	265	267	103	104	75-125	.9	20	
Selenium	ug/L	7.5U	250	250	261	263	104	105	75-125	.8	20	
Silver	ug/L	2.5U	25	25	26.7	26.5	107	106	75-125	.6	20	
Sodium	mg/L	223	12.5	12.5	225	233	16	79	75-125	3	20	J(M1)
Vanadium	ug/L	5.0U	250	250	266	264	105	105	75-125	.7	20	
Zinc	ug/L	10.0U	1250	1250	1310	1310	104	105	75-125	.2	20	

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QUALITY CONTROL DATA

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: MPRP/6476 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 292846 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/18/11 12:20	
Thallium	ug/L	0.50U	1.0	11/18/11 12:20	

LABORATORY CONTROL SAMPLE: 292847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	49.2	98	90-110	
Thallium	ug/L	50	49.7	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292848 292849

Parameter	Units	3543287002 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Min RPD	Q
			Spike Conc.	Spike Conc.	MS Result	MSD Result						
Antimony	ug/L	0.50U	50	50	48.0	47.2	95	94	70-130	2	20	
Thallium	ug/L	0.50U	50	50	50.8	49.3	102	99	70-130	3	20	

QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: MSV/4150 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543287001, 3543287002, 3543287003, 3543287004

METHOD BLANK: 293103 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003, 3543287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/17/11 12:27	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/17/11 12:27	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/17/11 12:27	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/17/11 12:27	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/17/11 12:27	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/17/11 12:27	
Hexanone	ug/L	5.0U	10.0	11/17/11 12:27	
Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/17/11 12:27	
Acetone	ug/L	5.0U	10.0	11/17/11 12:27	
Acrylonitrile	ug/L	5.0U	10.0	11/17/11 12:27	
Benzene	ug/L	0.50U	1.0	11/17/11 12:27	
Bromochloromethane	ug/L	0.50U	1.0	11/17/11 12:27	
Bromodichloromethane	ug/L	0.27U	0.60	11/17/11 12:27	
Bromoform	ug/L	0.50U	1.0	11/17/11 12:27	
Bromomethane	ug/L	0.50U	1.0	11/17/11 12:27	
Carbon disulfide	ug/L	5.0U	10.0	11/17/11 12:27	
Carbon tetrachloride	ug/L	0.50U	1.0	11/17/11 12:27	
Chlorobenzene	ug/L	0.50U	1.0	11/17/11 12:27	
Chloroethane	ug/L	0.50U	1.0	11/17/11 12:27	
Chloroform	ug/L	0.50U	1.0	11/17/11 12:27	
Chloromethane	ug/L	0.62U	1.0	11/17/11 12:27	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/17/11 12:27	
Dibromochloromethane	ug/L	0.26U	0.50	11/17/11 12:27	
Dibromomethane	ug/L	0.50U	1.0	11/17/11 12:27	
Ethylbenzene	ug/L	0.50U	1.0	11/17/11 12:27	
Iodomethane	ug/L	0.50U	1.0	11/17/11 12:27	
Methylene Chloride	ug/L	2.5U	5.0	11/17/11 12:27	
Styrene	ug/L	0.50U	1.0	11/17/11 12:27	
Tetrachloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
Toluene	ug/L	0.50U	1.0	11/17/11 12:27	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/17/11 12:27	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/17/11 12:27	
Trichloroethene	ug/L	0.50U	1.0	11/17/11 12:27	

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QUALITY CONTROL DATA

DEP Central District

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

METHOD BLANK: 293103 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003, 3543287004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	11/17/11 12:27	
Vinyl acetate	ug/L	1.0U	2.0	11/17/11 12:27	
Vinyl chloride	ug/L	0.50U	1.0	11/17/11 12:27	
Xylene (Total)	ug/L	0.50U	1.0	11/17/11 12:27	
1,2-Dichloroethane-d4 (S)	%	102	86-125	11/17/11 12:27	
4-Bromofluorobenzene (S)	%	88	70-114	11/17/11 12:27	
Dibromofluoromethane (S)	%	103	88-117	11/17/11 12:27	
Toluene-d8 (S)	%	101	87-113	11/17/11 12:27	

LABORATORY CONTROL SAMPLE: 293104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	16.6	83	70-130	
1,1,1-Trichloroethane	ug/L	20	16.5	82	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	17.9	89	70-130	
1,1,2-Trichloroethane	ug/L	20	17.5	88	70-130	
1,1-Dichloroethane	ug/L	20	19.8	99	70-130	
1,1-Dichloroethene	ug/L	20	17.9	90	70-130	
1,2,3-Trichloropropane	ug/L	20	16.8	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.5	92	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	16.3	82	70-130	
1,2-Dichlorobenzene	ug/L	20	16.4	82	70-130	
1,2-Dichloroethane	ug/L	20	16.6	83	70-130	
1,2-Dichloropropane	ug/L	20	18.2	91	70-130	
1,4-Dichlorobenzene	ug/L	20	16.7	83	70-130	
2-Butanone (MEK)	ug/L	20	20.1	100	55-167	
2-Hexanone	ug/L	20	20.2	101	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.3	101	70-130	
Acetone	ug/L	20	20.1	101	40-150	
Acrylonitrile	ug/L	200	217	109	70-130	
Benzene	ug/L	20	17.9	89	70-130	
Bromochloromethane	ug/L	20	17.7	88	70-130	
Bromodichloromethane	ug/L	20	17.4	87	70-130	
Bromoform	ug/L	20	15.0	75	68-130	
Bromomethane	ug/L	20	21.8	109	38-179	
Carbon disulfide	ug/L	20	16.4	82	51-155	
Carbon tetrachloride	ug/L	20	15.8	79	70-130	
Chlorobenzene	ug/L	20	16.9	84	70-130	
Chloroethane	ug/L	20	22.4	112	59-149	
Chloroform	ug/L	20	17.3	87	70-130	
Chloromethane	ug/L	20	22.4	112	68-130	
cis-1,2-Dichloroethene	ug/L	20	16.5	83	70-130	
cis-1,3-Dichloropropene	ug/L	20	16.7	84	70-130	
Dibromochloromethane	ug/L	20	14.6	73	70-130	
Dibromomethane	ug/L	20	16.0	80	70-130	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

LABORATORY CONTROL SAMPLE: 293104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	16.8	84	70-130	
Iodomethane	ug/L	20	16.5	83	43-160	
Methylene Chloride	ug/L	20	21.6	108	70-130	
Styrene	ug/L	20	16.5	82	70-130	
Tetrachloroethene	ug/L	20	14.7	73	66-133	
Toluene	ug/L	20	16.2	81	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.4	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	15.4	77	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	17.1	85	65-130	
Trichloroethene	ug/L	20	17.6	88	70-130	
Trichlorofluoromethane	ug/L	20	16.1	80	70-131	
Vinyl acetate	ug/L	20	17.0	85	69-135	
Vinyl chloride	ug/L	20	18.5	93	69-140	
Xylene (Total)	ug/L	60	48.6	81	70-130	
1,2-Dichloroethane-d4 (S)	%			103	86-125	
4-Bromofluorobenzene (S)	%			92	70-114	
Dibromofluoromethane (S)	%			99	88-117	
Toluene-d8 (S)	%			103	87-113	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293149 293150

Parameter	Units	3543012009		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result							
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	19.3	21.0	97	105	39-130	8	40	
1,1,1-Trichloroethane	ug/L	0.50U	20	20	19.5	22.3	97	112	47-141	14	40	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	22.1	23.3	111	117	49-131	5	40	
1,1,2-Trichloroethane	ug/L	0.50U	20	20	20.7	0.50U	104	0	50-130		40	J(M1)
1,1-Dichloroethane	ug/L	0.50U	20	20	23.1	25.6	116	128	54-137	10	40	
1,1-Dichloroethene	ug/L	0.50U	20	20	22.1	25.1	110	125	45-155	13	40	
1,2,3-Trichloropropane	ug/L	0.36U	20	20	22.3	15.7	112	78	31-132	35	40	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	19.2	21.2	96	106	37-130	10	40	
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	20.0	20.6	100	103	51-132	3	40	
1,2-Dichlorobenzene	ug/L	0.50U	20	20	18.9	21.4	95	107	43-130	12	40	
1,2-Dichloroethane	ug/L	0.50U	20	20	19.8	21.0	99	105	54-130	6	40	
1,2-Dichloropropane	ug/L	0.50U	20	20	21.4	23.6	107	118	53-130	10	40	
1,4-Dichlorobenzene	ug/L	0.50U	20	20	18.8	21.5	94	108	38-130	14	40	
2-Butanone (MEK)	ug/L	5.0U	20	20	24.2	22.7	121	114	48-138	6	40	
2-Hexanone	ug/L	5.0U	20	20	27.7	23.3	139	117	38-130	17	40	J(M1)
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	24.9	24.1	125	120	28-143	3	40	
Acetone	ug/L	5.0U	20	20	11.0	10.2	55	51	20-140	7	40	
Acrylonitrile	ug/L	5.0U	200	200	261	262	130	131	46-130	.6	40	J(M1)
Benzene	ug/L	0.50U	20	20	21.2	23.3	106	116	53-132	9	40	
Bromochloromethane	ug/L	0.50U	20	20	20.4	22.6	102	113	54-132	10	40	
Bromodichloromethane	ug/L	0.27U	20	20	20.6	22.5	103	113	46-130	9	40	
Bromoform	ug/L	0.50U	20	20	16.0	17.8	80	89	32-130	11	40	
Bromomethane	ug/L	0.50U	20	20	31.3	33.8	156	169	20-152	8	40	J(M1)
Carbon disulfide	ug/L	5.0U	20	20	22.8	22.7	114	114	28-184	.1	40	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Parameter	Units	3543012009		MS	MSD	293149		293150		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result									
Carbon tetrachloride	ug/L	0.50U	20	20	20.4	22.9	102	114	37-137	12	40				
Chlorobenzene	ug/L	0.50U	20	20	19.6	21.9	98	110	46-130	11	40				
Chloroethane	ug/L	0.50U	20	20	20.0	34.3	100	171	48-159	53	40	J(D6), J(M1)			
Chloroform	ug/L	0.50U	20	20	20.4	22.7	102	113	51-130	11	40				
Chloromethane	ug/L	0.62U	20	20	32.1	33.3	161	166	39-144	4	40	J(M1)			
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	19.3	21.4	97	107	54-130	10	40				
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	16.6	19.1	83	96	45-130	14	40				
Dibromochloromethane	ug/L	0.26U	20	20	17.1	18.8	85	94	43-130	9	40				
Dibromomethane	ug/L	0.50U	20	20	18.1	20.3	91	101	50-130	11	40				
Ethylbenzene	ug/L	0.50U	20	20	20.0	22.5	100	112	43-130	12	40				
Iodomethane	ug/L	0.50U	20	20	22.2	24.7	111	124	20-169	11	40				
Methylene Chloride	ug/L	2.5U	20	20	23.4	26.8	117	134	51-135	13	40				
Styrene	ug/L	0.50U	20	20	19.0	21.6	95	108	40-130	13	40				
Tetrachloroethene	ug/L	0.50U	20	20	17.2	20.7	86	103	26-130	19	40				
Toluene	ug/L	0.50U	20	20	19.4	21.4	97	107	50-130	10	40				
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	22.5	24.8	112	124	48-142	10	40				
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.1	18.5	86	92	45-130	8	40				
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	15.2	15.6	76	78	20-139	2	40				
Trichloroethene	ug/L	0.50U	20	20	21.4	24.6	107	123	42-133	14	40				
Trichlorofluoromethane	ug/L	0.50U	20	20	22.9	26.4	115	132	46-146	14	40				
Vinyl acetate	ug/L	1.0U	20	20	15.7	31.8	79	159	20-165	67	40	J(D6)			
Vinyl chloride	ug/L	0.50U	20	20	26.6	28.1	133	141	57-142	5	40				
Xylene (Total)	ug/L	0.50U	60	60	57.7	65.7	96	109	42-130	13	40				
1,2-Dichloroethane-d4 (S)	%						99	88	86-125						
4-Bromofluorobenzene (S)	%						91	93	70-114						
Dibromofluoromethane (S)	%						102	97	88-117						
Toluene-d8 (S)	%						102	101	87-113						

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: OEXT/6522 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 295111 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/22/11 03:31	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/22/11 03:31	

LABORATORY CONTROL SAMPLE: 295112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.25	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.28	111	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 295113 295114

Parameter	Units	3543358006		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	.44	.44	0.41	0.40	93	92	60-140	2	40	
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.44	0.44	102	101	60-140	1	40	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: WET/10974 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 293992 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/18/11 12:13	

LABORATORY CONTROL SAMPLE: 293993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	283	94	90-110	

SAMPLE DUPLICATE: 293994

Parameter	Units	3543280010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	94.0	99.0	5	20	

SAMPLE DUPLICATE: 293995

Parameter	Units	3543285002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	31400	31600	.4	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: WETA/13414 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 292318 Matrix: Water

Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/16/11 21:47	

LABORATORY CONTROL SAMPLE: 292319

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292320 292321

Parameter	Units	3543280011		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Nitrate as N	mg/L	0.20	5	5	5	5.1	5.1	98	98	90-110	.2	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292322 292323

Parameter	Units	3543287001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
Nitrate as N	mg/L	0.025U	5	5	5	5.0	5.0	101	101	90-110	.04	20

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: WETA/13418 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543287001, 3543287002, 3543287003

METHOD BLANK: 292399 Matrix: Water
Associated Lab Samples: 3543287001, 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/16/11 21:47	
Sulfate	mg/L	2.5U	5.0	11/16/11 21:47	

LABORATORY CONTROL SAMPLE: 292400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.2	100	90-110	
Sulfate	mg/L	50	48.6	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292401 292402

Parameter	Units	3542643001		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.									
Chloride	mg/L	3560	2500	2500	6200	6200	106	106	90-110	.08	20	
Sulfate	mg/L	497	2500	2500	3010	3010	101	101	90-110	.003	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 292403 292404

Parameter	Units	3543287001		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		Result	Conc.									
Chloride	mg/L	2.5U	50	50	50.7	50.8	100	100	90-110	.04	20	
Sulfate	mg/L	2.5U	50	50	49.2	49.2	98	98	90-110	.09	20	

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QUALITY CONTROL DATA

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: WETA/13456 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3543287001

METHOD BLANK: 293798 Matrix: Water
Associated Lab Samples: 3543287001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/18/11 09:58	

LABORATORY CONTROL SAMPLE: 293799

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

MATRIX SPIKE SAMPLE: 293801

Parameter	Units	3543234001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	1.1	1	2.1	100	90-110	

SAMPLE DUPLICATE: 293800

Parameter	Units	3543234001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	1.1	1.1	2	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

QC Batch: WETA/13515 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3543287002, 3543287003

METHOD BLANK: 295776 Matrix: Water
Associated Lab Samples: 3543287002, 3543287003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/22/11 11:29	

LABORATORY CONTROL SAMPLE: 295777

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

MATRIX SPIKE SAMPLE: 295779

Parameter	Units	3543367001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.53	1	1.5	100	90-110	

SAMPLE DUPLICATE: 295778

Parameter	Units	3543367001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.53	0.52	.7	20	

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QUALIFIERS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

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.

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.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543287

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543287002	B61R		FLD/		
3543287003	B62-1R		FLD/		
3543287001	Equip blank (11/16/11)	EPA 8011	OEXT/6522	EPA 8011	GCSV/4755
3543287002	B61R	EPA 8011	OEXT/6522	EPA 8011	GCSV/4755
3543287003	B62-1R	EPA 8011	OEXT/6522	EPA 8011	GCSV/4755
3543287001	Equip blank (11/16/11)	EPA 3010	MPRP/6475	EPA 6010	ICP/4466
3543287002	B61R	EPA 3010	MPRP/6475	EPA 6010	ICP/4466
3543287003	B62-1R	EPA 3010	MPRP/6475	EPA 6010	ICP/4466
3543287001	Equip blank (11/16/11)	EPA 3010	MPRP/6476	EPA 6020	ICPM/2865
3543287002	B61R	EPA 3010	MPRP/6476	EPA 6020	ICPM/2865
3543287003	B62-1R	EPA 3010	MPRP/6476	EPA 6020	ICPM/2865
3543287001	Equip blank (11/16/11)	EPA 7470	MERP/2266	EPA 7470	MERC/2270
3543287002	B61R	EPA 7470	MERP/2266	EPA 7470	MERC/2270
3543287003	B62-1R	EPA 7470	MERP/2266	EPA 7470	MERC/2270
3543287001	Equip blank (11/16/11)	EPA 8260	MSV/4150		
3543287002	B61R	EPA 8260	MSV/4150		
3543287003	B62-1R	EPA 8260	MSV/4150		
3543287004	Trip blank (11/16/11)	EPA 8260	MSV/4150		
3543287001	Equip blank (11/16/11)	SM 2540C	WET/10974		
3543287002	B61R	SM 2540C	WET/10974		
3543287003	B62-1R	SM 2540C	WET/10974		
3543287001	Equip blank (11/16/11)	EPA 300.0	WETA/13414		
3543287002	B61R	EPA 300.0	WETA/13414		
3543287003	B62-1R	EPA 300.0	WETA/13414		
3543287001	Equip blank (11/16/11)	EPA 300.0	WETA/13418		
3543287002	B61R	EPA 300.0	WETA/13418		
3543287003	B62-1R	EPA 300.0	WETA/13418		
3543287001	Equip blank (11/16/11)	EPA 350.1	WETA/13456		
3543287002	B61R	EPA 350.1	WETA/13515		
3543287003	B62-1R	EPA 350.1	WETA/13515		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

354287



Section A Required Client Information:

Company: VOLusia County

Address: 1090 TOWNSHIP FARMS RD DAYTONA BEACH, FL

Phone: Fax:

Report To: JENNIFER STICK

Copy To:

Purchase Order No.:

Project Name: GYMNASIA LE SEMI-ANNUAL

Project Number:

Section C Invoice Information:

Attention:

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

Page: 1 of 1

1425260

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER UST RCRA OTHER

Site Location STATE: FL

Requested Due Date/TAT:

Requested Analysis Filtered (Y/N)

Table with columns: ITEM #, Matrix Codes, Matrix J Code, SAMPLE CODE, SAMPLE TYPE, COLLECTED (COMPOSITE START, COMPOSITE END/DRAW), DATE, TIME, RELINQUISHED BY, DATE, TIME, ACCEPTED BY, DATE, TIME, SAMPLE CONDITIONS, Residual Chlorine (Y/N), Pace Project No./ Lab I.D.

Section D Required Client Information: SAMPLE ID (A-Z, 0-9 / -), Sample IDs MUST BE UNIQUE. Includes fields for SAMPLER NAME AND SIGNATURE, PRINT Name of SAMPLER, SIGNATURE of SAMPLER, DATE Signed, and Temp in C.

FACE Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: EQ	Sample ID: _____ Date: 11/16/11

PURGING DATA

YSI: 02606/2697 **08K101526**

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: _____	Sampling Device: PP
-------------------	-----------------------	---	------------------------------	----------------------------

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (_____) X 0.16 Gallons/Foot = _____ Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 (_____) + _____ = _____ Gallons

Initial Pump or Tubing Depth in Well (Feet): _____	Final Pump or Tubing Depth in Well: _____	Purging Initiated At: _____	Purging Ended At: _____	Total Volume Purged (Gallons): _____
--	---	-----------------------------	-------------------------	--------------------------------------

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
0935												

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" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): James Stockbridge / Pace	Sampler(s) Signatures:	Sampling Initiated At: 0935	Sampling Ended At: _____
---	------------------------	------------------------------------	--------------------------

Pump or Tubing Depth in Well (Feet): _____	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Filter Size: _____ µm	Duplicate: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	--	---------------------------------	--	---	---

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **68**
 Rain: Yes No
 Wind Speed: **5-10**
 Wind Direction: **E**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] ½ Hour []
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____ [] Composite [] Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No] [] Composite [] Grab
<input type="checkbox"/> Other:	Sampling Point: _____	Sample Depth: _____ [] Composite [] Grab
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ _____ Bottles Preserved <2pH

Field Notes: _____

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See Work Order/Bottle Order

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: B-61 Sample ID: Date: 11/16/11

PURGING DATA

YSI: 02606/2697 OSK101520

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: <u>1390</u>	Sampling Device: PP								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume $(28.76 - 1390) \times 0.16$ Gallons/Foot = <u>2.3776</u> Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume = Gallons												
Initial Pump or Tubing Depth in Well (Feet): <u>116</u>	Final Pump or Tubing Depth in Well: <u>19</u>	Purging Initiated At: <u>0950</u>	Purging Ended At: <u>1006</u>	Total Volume Purged (Gallons): <u>9.00</u>								
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1000	2.50	2.50	.25	18.74	7.02	25.58	1169	1.19	2.05	NO. NO	NO. NO	-54.7
1003	.75	3.25	/	18.78	7.03	25.74	1185	1.14	1.27	/	/	-53.1
1006	.75	4.00		18.83	6.99	25.75	1190	1.04	1.41			-51.0
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./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												

SAMPLING DATA

Sampled By (Print): <u>James Stockbridge</u>		Sampler(s) Signature: <u>[Signature]</u>		Sampling Initiated At: <u>1007</u>	Sampling Ended At: <u>1014</u>			
Pump or Tubing Depth in Well (Feet): <u>19</u>	Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>	Tubing Material Code: <u>PE</u>	Field Decontamination: <u>(Yes)</u> [No]	Field-Filtered: <u>(No)</u> [Yes]	Duplicate: <u>(No)</u> [Yes]			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 68
 Rain: [Yes] [No]
 Wind Speed: 5-10
 Wind Direction: 6

<input type="checkbox"/> Surface Water	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____
Total Depth: _____	<input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth	Sampling Point: _____ Volume: _____
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream	<input type="checkbox"/> Bridge <input type="checkbox"/> Bottom	<input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> River <input type="checkbox"/> Other _____	<input type="checkbox"/> Wading <input type="checkbox"/> Other _____	mL per: [] Hour [] 1/2 Hour []
<input type="checkbox"/> Soils/Sediment	Sampling Point: _____	Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Drum Waste	Type: _____	Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab
<input type="checkbox"/> Other: _____	Sampling Point: _____	Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel	On Ice @ <u>10:7</u>	Bottles Preserved <2pH

Field Notes:

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See Work Order/Bottle Order

DEP Central District

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL
 Well #: **B62-1** Sample ID: Date: 11/16/11

PURGING DATA

YSI: 02606/2697 **OS-K101526**

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: **14.25** Sampling Device: **PP**

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 $(37.58 - 14.25) \times 0.16$ Gallons/Foot = **37328** Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): **17** Final Pump or Tubing Depth in Well: **17** Purging Initiated At: **1030** Purging Ended At: **1054** Total Volume Purged (Gallons):

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1046	4.00	4.00	.25	14.98	7.16	24.76	2593	0.15	1.46	20.00	20.00	-76.8
1050	1.00	5.00		14.98	7.25	24.61	2604	0.15	1.83			-102.3
1054	1.00	6.00		14.98	7.22	24.65	2657	0.14	2.35			-104.1

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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0025; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): **James Stockbridge** / Pace Sampler(s) Signature: *[Signature]* Sampling Initiated At: **1055** Sampling Ended At: **1103**
 Pump or Tubing Depth in Well (Feet): **17** Sample Pump Flow Rate (mL per minute): **100-200ml** Tubing Material Code: **PE** Field Decontamination: Yes No Field-Filtered: Yes No Duplicate: Yes No
 Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **71**
 Rain: [Yes] No
 Wind Speed: **5-10**
 Wind Direction: **N**

Taken From: Surface Shore Surface Boat Mid-Depth Bridge Bottom Wading Other
 Waste Water: Start Time _____ Finish Time _____
 Sampling Point: _____ Volume: _____
 Composite Grab
 mL per: [] Hour [] 1/2 Hour []
 Soils/Sediment Sampling Point: _____ Sample Depth: _____ [] Composite [] Grab
 Drum Waste Type: _____ Layers (Yes) [No] _____ [] Composite [] Grab
 Other: _____ Sampling Point: _____ Sample Depth: _____ [] Composite [] Grab
 Discharged Method Ground Barrel On Ice @ **104** Bottles Preserved <2pH

Field Notes: _____
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See Work Order/Bottle Order
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Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Volusia County Project # 3543287

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 T39 Type of Ice: Wet Blue None

Cooler Temperature °C 3.6 (Visual) -1.0 (Correction Factor) 2.6 (Actual)

Date and Initials of person examining contents: (M) 11/16/11

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?

Yes No

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments):

Project Manager Review: _____ Date: _____

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Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Extra Sample in Shed: Yes No

Size & Qty of Bottles Received

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

November 29, 2011

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

RE: Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 17, 2011. 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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.

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REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

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REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3543458001	Equip blank (11/17/11)	Water	11/17/11 09:50	11/17/11 16:48
3543458002	B62-2R	Water	11/17/11 10:23	11/17/11 16:48
3543458003	B66	Water	11/17/11 11:02	11/17/11 16:48
3543458004	B43-2	Water	11/17/11 11:43	11/17/11 16:48
3543458005	B44	Water	11/17/11 12:18	11/17/11 16:48
3543458006	B59-1R	Water	11/17/11 13:03	11/17/11 16:48
3543458007	B59-1 DUP	Water	11/17/11 13:03	11/17/11 16:48
3543458008	B59-2R	Water	11/17/11 13:40	11/17/11 16:48
3543458009	Trip blank (11/17/11)	Water	11/17/11 08:00	11/17/11 16:48

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REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543458001	Equip blank (11/17/11)	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543458002	B62-2R	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543458003	B66	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543458004	B43-2	EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	SK	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O

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SAMPLE ANALYTE COUNT

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543458005	B44	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3543458006	B59-1R	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3543458007	B59-1 DUP	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
3543458008	B59-2R	EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
			JSB	9	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 6010	TAP	15	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	HEA	1	PASI-O

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REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	ABD	49	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 300.0	IRL	1	PASI-O
		EPA 300.0	IRL	2	PASI-O
		EPA 350.1	SOA	1	PASI-O
3543458009	Trip blank (11/17/11)	EPA 8260	ABD	51	PASI-O

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REPORT OF LABORATORY ANALYSIS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3543458001	Equip blank (11/17/11)							
EPA 8260	Xylene (Total)			1.4	ug/L	1.0	11/27/11 23:14	
3543458002	B62-2R							
	Field pH			7.07	Std. Units		11/17/11 10:23	
	Field Temperature			24.53	deg C		11/17/11 10:23	
	Appearance			Color:Oran ge, Sheen: None			11/17/11 10:23	
	Field Specific Conductance			1416	umhos/cm		11/17/11 10:23	
	Oxygen, Dissolved			0.27	mg/L		11/17/11 10:23	
	REDOX			-87.3	mV		11/17/11 10:23	
	Turbidity			0.34	NTU		11/17/11 10:23	
	Depth to Water			14.34	feet		11/17/11 10:23	
	Water Level(NGVD)			25.37	feet		11/17/11 10:23	
EPA 6010	Barium			107	ug/L	10.0	11/18/11 21:42	
EPA 6010	Iron			10800	ug/L	40.0	11/18/11 21:42	
EPA 6010	Nickel			3.8	ug/L	5.0	11/18/11 21:42	
EPA 6010	Sodium			55.8	mg/L	1.0	11/18/11 21:42	
EPA 6010	Vanadium			5.2	ug/L	10.0	11/18/11 21:42	
EPA 8260	Xylene (Total)			1.4	ug/L	1.0	11/28/11 03:17	
SM 2540C	Total Dissolved Solids			830	mg/L	10.0	11/21/11 09:56	
EPA 300.0	Chloride			39.6	mg/L	5.0	11/18/11 13:32	
EPA 300.0	Sulfate			108	mg/L	10.0	11/23/11 03:59	
EPA 350.1	Nitrogen, Ammonia			20.4	mg/L	0.10	11/22/11 12:47	
3543458003	B66							
	Field pH			6.84	Std. Units		11/17/11 11:02	
	Field Temperature			23.61	deg C		11/17/11 11:02	
	Appearance			Color: Yellow, Sheen: None			11/17/11 11:02	
	Field Specific Conductance			455	umhos/cm		11/17/11 11:02	
	Oxygen, Dissolved			0.90	mg/L		11/17/11 11:02	
	REDOX			36.6	mV		11/17/11 11:02	
	Turbidity			0.41	NTU		11/17/11 11:02	
	Depth to Water			6.48	feet		11/17/11 11:02	
	Water Level(NGVD)			24.79	feet		11/17/11 11:02	
EPA 6010	Barium			25.8	ug/L	10.0	11/18/11 22:02	
EPA 6010	Iron			88.2	ug/L	40.0	11/18/11 22:02	
EPA 6010	Sodium			18.0	mg/L	1.0	11/18/11 22:02	
EPA 6010	Vanadium			5.6	ug/L	10.0	11/18/11 22:02	
EPA 6020	Antimony			0.67	ug/L	1.0	11/21/11 14:41	
EPA 8260	Xylene (Total)			0.75	ug/L	1.0	11/28/11 03:42	
SM 2540C	Total Dissolved Solids			264	mg/L	5.0	11/21/11 10:00	
EPA 300.0	Nitrate as N			0.32	mg/L	0.050	11/18/11 20:01	
EPA 300.0	Chloride			17.9	mg/L	5.0	11/18/11 20:01	
EPA 300.0	Sulfate			25.0	mg/L	5.0	11/18/11 20:01	

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543458004	B43-2					
	Field pH	6.42	Std. Units		11/17/11 11:43	
	Field Temperature	23.31	deg C		11/17/11 11:43	
	Appearance	Color:			11/17/11 11:43	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	420	umhos/cm		11/17/11 11:43	
	Oxygen, Dissolved	0.31	mg/L		11/17/11 11:43	
	REDOX	24.8	mV		11/17/11 11:43	
	Turbidity	3.64	NTU		11/17/11 11:43	
	Depth to Water	6.01	feet		11/17/11 11:43	
	Water Level(NGVD)	22.20	feet		11/17/11 11:43	
EPA 6010	Barium	18.4	ug/L	10.0	11/18/11 22:06	
EPA 6010	Iron	784	ug/L	40.0	11/18/11 22:06	
EPA 6010	Sodium	22.5	mg/L	1.0	11/18/11 22:06	
EPA 6010	Vanadium	5.0U	ug/L	10.0	11/18/11 22:06	
EPA 8260	Xylene (Total)	0.73 l	ug/L	1.0	11/28/11 04:06	
SM 2540C	Total Dissolved Solids	251	mg/L	5.0	11/21/11 10:01	
EPA 300.0	Nitrate as N	0.15	mg/L	0.050	11/18/11 20:13	
EPA 300.0	Chloride	28.4	mg/L	5.0	11/18/11 20:13	
EPA 300.0	Sulfate	14.6	mg/L	5.0	11/18/11 20:13	
EPA 350.1	Nitrogen, Ammonia	0.036 l	mg/L	0.050	11/22/11 12:03	
3543458005	B44					
	Field pH	5.27	Std. Units		11/17/11 12:18	
	Field Temperature	22.84	deg C		11/17/11 12:18	
	Appearance	Color:			11/17/11 12:18	
		None,				
		Sheen:				
		None				
	Field Specific Conductance	380	umhos/cm		11/17/11 12:18	
	Oxygen, Dissolved	0.21	mg/L		11/17/11 12:18	
	REDOX	115.0	mV		11/17/11 12:18	
	Turbidity	0.74	NTU		11/17/11 12:18	
	Depth to Water	6.96	feet		11/17/11 12:18	
	Water Level(NGVD)	23.06	feet		11/17/11 12:18	
EPA 6010	Barium	43.2	ug/L	10.0	11/18/11 22:10	
EPA 6010	Iron	9570	ug/L	40.0	11/18/11 22:10	
EPA 6010	Sodium	30.0	mg/L	1.0	11/18/11 22:10	
EPA 7470	Mercury	0.13 l	ug/L	0.20	11/18/11 13:07	
SM 2540C	Total Dissolved Solids	224	mg/L	5.0	11/21/11 10:01	
EPA 300.0	Chloride	74.8	mg/L	5.0	11/18/11 14:09	
EPA 300.0	Sulfate	46.3	mg/L	5.0	11/18/11 14:09	
3543458006	B59-1R					
	Field pH	6.85	Std. Units		11/17/11 13:03	
	Field Temperature	25.03	deg C		11/17/11 13:03	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543458

Lab Sample ID	Client Sample ID	Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers		
3543458006	B59-1R	Appearance		Color:			11/17/11 13:03			
				None,						
				Sheen:						
					None					
					Field Specific Conductance	635	umhos/cm		11/17/11 13:03	
					Oxygen, Dissolved	0.06	mg/L		11/17/11 13:03	
					REDOX	-66.8	mV		11/17/11 13:03	
					Turbidity	0.10	NTU		11/17/11 13:03	
					Depth to Water	7.84	feet		11/17/11 13:03	
					Water Level(NGVD)	19.93	feet		11/17/11 13:03	
		EPA 6010			Barium	53.7	ug/L	10.0	11/18/11 22:14	
		EPA 6010			Iron	4560	ug/L	40.0	11/18/11 22:14	
		EPA 6010			Sodium	61.0	mg/L	1.0	11/18/11 22:14	
		SM 2540C			Total Dissolved Solids	377	mg/L	5.0	11/21/11 10:01	
EPA 300.0			Chloride	63.9	mg/L	5.0	11/18/11 14:21			
EPA 300.0			Sulfate	5.7	mg/L	5.0	11/18/11 14:21			
EPA 350.1			Nitrogen, Ammonia	0.28	mg/L	0.050	11/22/11 12:05			
3543458007	B59-1 DUP	Field pH		6.85	Std. Units		11/17/11 13:03			
		Field Temperature		25.03	deg C		11/17/11 13:03			
		Appearance		Color:			11/17/11 13:03			
				None,						
				Sheen:						
					None					
					Field Specific Conductance	635	umhos/cm		11/17/11 13:03	
					Oxygen, Dissolved	0.06	mg/L		11/17/11 13:03	
					REDOX	-66.8	mV		11/17/11 13:03	
					Turbidity	0.10	NTU		11/17/11 13:03	
			Depth to Water	7.84	feet		11/17/11 13:03			
			Water Level(NGVD)	19.93	feet		11/17/11 13:03			
EPA 6010			Barium	53.1	ug/L	10.0	11/18/11 22:18			
EPA 6010			Iron	4500	ug/L	40.0	11/18/11 22:18			
EPA 6010			Sodium	61.0	mg/L	1.0	11/18/11 22:18			
SM 2540C			Total Dissolved Solids	380	mg/L	5.0	11/21/11 10:02			
EPA 300.0			Chloride	63.7	mg/L	5.0	11/18/11 14:33			
EPA 300.0			Sulfate	5.8	mg/L	5.0	11/18/11 14:33			
EPA 350.1			Nitrogen, Ammonia	0.29	mg/L	0.050	11/22/11 12:06			
3543458008	B59-2R	Field pH		6.56	Std. Units		11/17/11 13:40			
		Field Temperature		25.44	deg C		11/17/11 13:40			
		Appearance		Color:			11/17/11 13:40			
				Orange,						
				Sheen:						
					None					
					Field Specific Conductance	993	umhos/cm		11/17/11 13:40	
					Oxygen, Dissolved	0.08	mg/L		11/17/11 13:40	
					REDOX	-49.9	mV		11/17/11 13:40	
					Turbidity	11.25	NTU		11/17/11 13:40	

REPORT OF LABORATORY ANALYSIS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
3543458008	B59-2R					
	Depth to Water	8.07	feet		11/17/11 13:40	
	Water Level(NGVD)	19.72	feet		11/17/11 13:40	
EPA 6010	Barium	91.2	ug/L	10.0	11/18/11 22:22	
EPA 6010	Iron	11800	ug/L	40.0	11/18/11 22:22	
EPA 6010	Sodium	44.5	mg/L	1.0	11/18/11 22:22	
SM 2540C	Total Dissolved Solids	630	mg/L	5.0	11/21/11 10:03	
EPA 300.0	Chloride	27.8	mg/L	5.0	11/18/11 14:45	
EPA 300.0	Sulfate	89.3	mg/L	5.0	11/18/11 14:45	
EPA 350.1	Nitrogen, Ammonia	0.44	mg/L	0.050	11/22/11 12:07	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: Equip blank (11/17/11) Lab ID: 3543458001 Collected: 11/17/11 09:50 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP		Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromo-3-chloropropane	0.0050U	ug/L	0.020	0.0050	1	11/21/11 13:30	11/22/11 09:37	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/21/11 13:30	11/22/11 09:37	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:38	7440-38-2	
Barium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:38	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 21:38	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 21:38	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:38	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:38	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:38	7440-50-8	
Iron	20.0U	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 21:38	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:38	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:38	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 21:38	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:38	7440-22-4	
Sodium	0.50U	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 21:38	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:38	7440-62-2	
	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 21:38	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:30	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:30	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 12:56	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/27/11 23:14	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/27/11 23:14	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/27/11 23:14	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	95-50-1	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: Equip blank (11/17/11) Lab ID: 3543458001 Collected: 11/17/11 09:50 Received: 11/17/11 16:48 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		11/27/11 23:14	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/27/11 23:14	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/27/11 23:14	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/27/11 23:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/27/11 23:14	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/27/11 23:14	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/27/11 23:14	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/27/11 23:14	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/27/11 23:14	75-01-4	
Xylene (Total)	1.4	ug/L	1.0	0.50	1		11/27/11 23:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102 %		70-114		1		11/27/11 23:14	460-00-4	
Dibromofluoromethane (S)	99 %		88-117		1		11/27/11 23:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		86-125		1		11/27/11 23:14	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/27/11 23:14	2037-26-5	
2540C Total Dissolved Solids		Analytical Method: SM 2540C							
Total Dissolved Solids	5.0U	mg/L	5.0	5.0	1		11/21/11 09:56		
300.0 IC Anions		Analytical Method: EPA 300.0							
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/18/11 12:56	14797-55-8	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	2.5U	mg/L	5.0	2.5	1		11/18/11 12:56	16887-00-6	
Sulfate	2.5U	mg/L	5.0	2.5	1		11/18/11 12:56	14808-79-8	

ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: Equip blank (11/17/11) Lab ID: 3543458001 Collected: 11/17/11 09:50 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/22/11 11:59	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B62-2R Lab ID: 3543458002 Collected: 11/17/11 10:23 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	7.07	Std. Units			1		11/17/11 10:23		
Field Temperature	24.53	deg C			1		11/17/11 10:23		
Appearance	Color:Ora nge, Sheen: None				1		11/17/11 10:23		
Field Specific Conductance	1416	umhos/cm			1		11/17/11 10:23		
Oxygen, Dissolved	0.27	mg/L			1		11/17/11 10:23	7782-44-7	
REDOX	-87.3	mV			1		11/17/11 10:23		
Turbidity	0.34	NTU			1		11/17/11 10:23		
Depth to Water	14.34	feet			1		11/17/11 10:23		
Water Level(NGVD)	25.37	feet			1		11/17/11 10:23		
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	11/21/11 13:30	11/22/11 09:53	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/21/11 13:30	11/22/11 09:53	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:42	7440-38-2	
Barium	107	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:42	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 21:42	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 21:42	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:42	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:42	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:42	7440-50-8	
Iron	10800	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 21:42	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:42	7439-92-1	
Nickel	3.8 I	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:42	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 21:42	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 21:42	7440-22-4	
Sodium	55.8	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 21:42	7440-23-5	
Vanadium	5.2 I	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 21:42	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 21:42	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:39	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:39	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 12:59	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	74-97-5	

ANALYTICAL RESULTS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B62-2R Lab ID: 3543458002 Collected: 11/17/11 10:23 Received: 11/17/11 16:48 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		11/28/11 03:17	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 03:17	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 03:17	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 03:17	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 03:17	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 03:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 03:17	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 03:17	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 03:17	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 03:17	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 03:17	75-01-4	
Xylene (Total)	1.4	ug/L	1.0	0.50	1		11/28/11 03:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107 %		70-114		1		11/28/11 03:17	460-00-4	
Dibromofluoromethane (S)	101 %		88-117		1		11/28/11 03:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	99 %		86-125		1		11/28/11 03:17	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/28/11 03:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B62-2R Lab ID: 3543458002 Collected: 11/17/11 10:23 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	830	mg/L	10.0	10.0	1		11/21/11 09:56		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/18/11 13:32	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	39.6	mg/L	5.0	2.5	1		11/18/11 13:32	16887-00-6	
Sulfate	108	mg/L	10.0	5.0	2		11/23/11 03:59	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	20.4	mg/L	0.10	0.040	2		11/22/11 12:47	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B66 Lab ID: 3543458003 Collected: 11/17/11 11:02 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.84	Std. Units			1		11/17/11 11:02		
Field Temperature	23.61	deg C			1		11/17/11 11:02		
Appearance	Color:	Yellow,			1		11/17/11 11:02		
	Sheen:	None							
Field Specific Conductance	455	umhos/cm			1		11/17/11 11:02		
Oxygen, Dissolved	0.90	mg/L			1		11/17/11 11:02	7782-44-7	
REDOX	36.6	mV			1		11/17/11 11:02		
Turbidity	0.41	NTU			1		11/17/11 11:02		
Depth to Water	6.48	feet			1		11/17/11 11:02		
Water Level(NGVD)	24.79	feet			1		11/17/11 11:02		
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	11/23/11 10:30	11/28/11 09:30	96-12-8	
1,2-Dibromoethane (EDB)	0.0063U	ug/L	0.010	0.0063	1	11/23/11 10:30	11/28/11 09:30	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Aluminum	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:02	7440-38-2	
Barium	25.8	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:02	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:02	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:02	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:02	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:02	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:02	7440-50-8	
Iron	88.2	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 22:02	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:02	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:02	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 22:02	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:02	7440-22-4	
Sodium	18.0	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:02	7440-23-5	
Vanadium	5.6	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:02	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 22:02	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.67	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:41	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:41	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 13:01	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	74-97-5	

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B66 Lab ID: 3543458003 Collected: 11/17/11 11:02 Received: 11/17/11 16:48 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		11/28/11 03:42	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 03:42	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 03:42	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 03:42	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 03:42	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 03:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 03:42	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 03:42	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 03:42	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 03:42	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 03:42	75-01-4	
Xylene (Total)	0.75	ug/L	1.0	0.50	1		11/28/11 03:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-114		1		11/28/11 03:42	460-00-4	
Dibromofluoromethane (S)	101	%	88-117		1		11/28/11 03:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	86-125		1		11/28/11 03:42	17060-07-0	
Toluene-d8 (S)	100	%	87-113		1		11/28/11 03:42	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B66 Lab ID: 3543458003 Collected: 11/17/11 11:02 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	264	mg/L	5.0	5.0	1		11/21/11 10:00		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.32	mg/L	0.050	0.025	1		11/18/11 20:01	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	17.9	mg/L	5.0	2.5	1		11/18/11 20:01	16887-00-6	
Sulfate	25.0	mg/L	5.0	2.5	1		11/18/11 20:01	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U	mg/L	0.050	0.020	1		11/22/11 12:02	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B43-2 Lab ID: 3543458004 Collected: 11/17/11 11:43 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.42	Std. Units			1		11/17/11 11:43		
Field Temperature	23.31	deg C			1		11/17/11 11:43		
Appearance	Color:				1		11/17/11 11:43		
	None,								
	Sheen:								
	None								
Field Specific Conductance	420	umhos/cm			1		11/17/11 11:43		
Oxygen, Dissolved	0.31	mg/L			1		11/17/11 11:43	7782-44-7	
REDOX	24.8	mV			1		11/17/11 11:43		
Turbidity	3.64	NTU			1		11/17/11 11:43		
Depth to Water	6.01	feet			1		11/17/11 11:43		
Water Level(NGVD)	22.20	feet			1		11/17/11 11:43		
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	11/23/11 10:30	11/28/11 09:45	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/23/11 10:30	11/28/11 09:45	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:06	7440-38-2	
Barium	18.4	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:06	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:06	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:06	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:06	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:06	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:06	7440-50-8	
Iron	784	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 22:06	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:06	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:06	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 22:06	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:06	7440-22-4	
Sodium	22.5	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:06	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:06	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 22:06	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:43	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:43	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 13:04	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	74-97-5	

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ANALYTICAL RESULTS DEP Central District

Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543458

Sample: B43-2 Lab ID: 3543458004 Collected: 11/17/11 11:43 Received: 11/17/11 16:48 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		11/28/11 04:06	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 04:06	74-87-3	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 04:06	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 04:06	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 04:06	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 04:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 04:06	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	630-20-6	
1,1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 04:06	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 04:06	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 04:06	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 04:06	75-01-4	
Xylene (Total)	0.73 l	ug/L	1.0	0.50	1		11/28/11 04:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106 %		70-114		1		11/28/11 04:06	460-00-4	
Dibromofluoromethane (S)	102 %		88-117		1		11/28/11 04:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	98 %		86-125		1		11/28/11 04:06	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/28/11 04:06	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B43-2 Lab ID: 3543458004 Collected: 11/17/11 11:43 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	251	mg/L	5.0	5.0	1		11/21/11 10:01		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.15	mg/L	0.050	0.025	1		11/18/11 20:13	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	28.4	mg/L	5.0	2.5	1		11/18/11 20:13	16887-00-6	
Sulfate	14.6	mg/L	5.0	2.5	1		11/18/11 20:13	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.036 I	mg/L	0.050	0.020	1		11/22/11 12:03	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B44 Lab ID: 3543458005 Collected: 11/17/11 12:18 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	5.27	Std. Units			1		11/17/11 12:18		
Field Temperature	22.84	deg C			1		11/17/11 12:18		
Appearance	Color:	None,			1		11/17/11 12:18		
	Sheen:	None							
Field Specific Conductance	380	umhos/cm			1		11/17/11 12:18		
Oxygen, Dissolved	0.21	mg/L			1		11/17/11 12:18	7782-44-7	
REDOX	115.0	mV			1		11/17/11 12:18		
Turbidity	0.74	NTU			1		11/17/11 12:18		
Depth to Water	6.96	feet			1		11/17/11 12:18		
Water Level(NGVD)	23.06	feet			1		11/17/11 12:18		
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	11/23/11 10:30	11/28/11 10:00	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/23/11 10:30	11/28/11 10:00	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Antimony	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:10	7440-38-2	
Barium	43.2	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:10	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:10	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:10	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:10	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:10	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:10	7440-50-8	
Iron	9570	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 22:10	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:10	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:10	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 22:10	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:10	7440-22-4	
Sodium	30.0	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:10	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:10	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 22:10	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:46	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:46	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.131	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 13:07	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	67-64-1	J(M1)
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B44 Lab ID: 3543458005 Collected: 11/17/11 12:18 Received: 11/17/11 16:48 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		11/28/11 12:50	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 12:50	74-87-3	J(M0), L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 12:50	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 12:50	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 12:50	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 12:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 12:50	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 12:50	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 12:50	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 12:50	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	75-01-4	J(M1)
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/28/11 12:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107 %		70-114		1		11/28/11 12:50	460-00-4	
Dibromofluoromethane (S)	96 %		88-117		1		11/28/11 12:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	96 %		86-125		1		11/28/11 12:50	17060-07-0	

ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B44 Lab ID: 3543458005 Collected: 11/17/11 12:18 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Surrogates									
Toluene-d8 (S)	100 %		87-113		1		11/28/11 12:50	2037-26-5	
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	224 mg/L		5.0	5.0	1		11/21/11 10:01		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U mg/L		0.050	0.025	1		11/18/11 14:09	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	74.8 mg/L		5.0	2.5	1		11/18/11 14:09	16887-00-6	
Sulfate	46.3 mg/L		5.0	2.5	1		11/18/11 14:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.020U mg/L		0.050	0.020	1		11/22/11 12:04	7664-41-7	

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ANALYTICAL RESULTS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-1R Lab ID: 3543458006 Collected: 11/17/11 13:03 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.85	Std. Units			1		11/17/11 13:03		
Field Temperature	25.03	deg C			1		11/17/11 13:03		
Appearance	Color:	None,			1		11/17/11 13:03		
	Sheen:	None							
Field Specific Conductance	635	umhos/cm			1		11/17/11 13:03		
Oxygen, Dissolved	0.06	mg/L			1		11/17/11 13:03	7782-44-7	
REDOX	-66.8	mV			1		11/17/11 13:03		
Turbidity	0.10	NTU			1		11/17/11 13:03		
Depth to Water	7.84	feet			1		11/17/11 13:03		
Water Level(NGVD)	19.93	feet			1		11/17/11 13:03		
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	11/23/11 10:30	11/28/11 10:16	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/23/11 10:30	11/28/11 10:16	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:14	7440-38-2	
Barium	53.7	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:14	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:14	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:14	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:14	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:14	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:14	7440-50-8	
Iron	4560	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 22:14	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:14	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:14	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 22:14	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:14	7440-22-4	
Sodium	61.0	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:14	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:14	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 22:14	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:53	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:53	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 13:10	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	74-97-5	

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ANALYTICAL RESULTS

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-1R Lab ID: 3543458006 Collected: 11/17/11 13:03 Received: 11/17/11 16:48 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		11/28/11 13:14	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 13:14	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 13:14	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	75-35-4	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	156-59-2	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 13:14	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 13:14	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 13:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 13:14	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 13:14	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 13:14	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 13:14	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/28/11 13:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106 %		70-114		1		11/28/11 13:14	460-00-4	
Dibromofluoromethane (S)	96 %		88-117		1		11/28/11 13:14	1868-53-7	
1,2-Dichloroethane-d4 (S)	95 %		86-125		1		11/28/11 13:14	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/28/11 13:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-1R Lab ID: 3543458006 Collected: 11/17/11 13:03 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	377	mg/L	5.0	5.0	1		11/21/11 10:01		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/18/11 14:21	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	63.9	mg/L	5.0	2.5	1		11/18/11 14:21	16887-00-6	
Sulfate	5.7	mg/L	5.0	2.5	1		11/18/11 14:21	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.28	mg/L	0.050	0.020	1		11/22/11 12:05	7664-41-7	

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-1 DUP Lab ID: 3543458007 Collected: 11/17/11 13:03 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data									
Analytical Method:									
Field pH	6.85	Std. Units			1		11/17/11 13:03		
Field Temperature	25.03	deg C			1		11/17/11 13:03		
Appearance	Color:	None,			1		11/17/11 13:03		
	Sheen:	None							
Field Specific Conductance	635	umhos/cm			1		11/17/11 13:03		
Oxygen, Dissolved	0.06	mg/L			1		11/17/11 13:03	7782-44-7	
REDOX	-66.8	mV			1		11/17/11 13:03		
Turbidity	0.10	NTU			1		11/17/11 13:03		
Depth to Water	7.84	feet			1		11/17/11 13:03		
Water Level(NGVD)	19.93	feet			1		11/17/11 13:03		
8011 GCS EDB and DBCP									
Analytical Method: EPA 8011 Preparation Method: EPA 8011									
1,2-Dibromo-3-chloropropane	0.057U	ug/L	0.23	0.057	1	11/23/11 10:30	11/28/11 10:31	96-12-8	
1,2-Dibromoethane (EDB)	0.072U	ug/L	0.12	0.072	1	11/23/11 10:30	11/28/11 10:31	106-93-4	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Aluminum	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:18	7440-38-2	
Barium	53.1	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:18	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:18	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:18	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:18	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:18	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:18	7440-50-8	
Iron	4500	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 22:18	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:18	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:18	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 22:18	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:18	7440-22-4	
Sodium	61.0	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:18	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:18	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 22:18	7440-66-6	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3010									
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:55	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 14:55	7440-28-0	
7470 Mercury									
Analytical Method: EPA 7470 Preparation Method: EPA 7470									
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 13:13	7439-97-6	
8260 MSV									
Analytical Method: EPA 8260									
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	74-97-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-1 DUP Lab ID: 3543458007 Collected: 11/17/11 13:03 Received: 11/17/11 16:48 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		11/28/11 13:38	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 13:38	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 13:38	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 13:38	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 13:38	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 13:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 13:38	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 13:38	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 13:38	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 13:38	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/28/11 13:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105 %		70-114		1		11/28/11 13:38	460-00-4	
Dibromofluoromethane (S)	95 %		88-117		1		11/28/11 13:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	96 %		86-125		1		11/28/11 13:38	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/28/11 13:38	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-1 DUP Lab ID: 3543458007 Collected: 11/17/11 13:03 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	380	mg/L	5.0	5.0	1		11/21/11 10:02		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/18/11 14:33	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	63.7	mg/L	5.0	2.5	1		11/18/11 14:33	16887-00-6	
Sulfate	5.8	mg/L	5.0	2.5	1		11/18/11 14:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.29	mg/L	0.050	0.020	1		11/22/11 12:06	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-2R Lab ID: 3543458008 Collected: 11/17/11 13:40 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	6.56	Std. Units			1		11/17/11 13:40		
Field Temperature	25.44	deg C			1		11/17/11 13:40		
Appearance	Color: Orange, Sheen: None				1		11/17/11 13:40		
Field Specific Conductance	993	umhos/cm			1		11/17/11 13:40		
Oxygen, Dissolved	0.08	mg/L			1		11/17/11 13:40	7782-44-7	
REDOX	-49.9	mV			1		11/17/11 13:40		
Turbidity	11.25	NTU			1		11/17/11 13:40		
Depth to Water	8.07	feet			1		11/17/11 13:40		
Water Level(NGVD)	19.72	feet			1		11/17/11 13:40		
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	11/23/11 10:30	11/28/11 10:46	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/23/11 10:30	11/28/11 10:46	106-93-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:22	7440-38-2	
Barium	91.2	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:22	7440-39-3	
Beryllium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:22	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:22	7440-43-9	
Chromium	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:22	7440-47-3	
Cobalt	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:22	7440-48-4	
Copper	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:22	7440-50-8	
Iron	11800	ug/L	40.0	20.0	1	11/18/11 10:42	11/18/11 22:22	7439-89-6	
Lead	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:22	7439-92-1	
Nickel	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:22	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/18/11 10:42	11/18/11 22:22	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/18/11 10:42	11/18/11 22:22	7440-22-4	
Sodium	44.5	mg/L	1.0	0.50	1	11/18/11 10:42	11/18/11 22:22	7440-23-5	
Vanadium	5.0U	ug/L	10.0	5.0	1	11/18/11 10:42	11/18/11 22:22	7440-62-2	
Zinc	10.0U	ug/L	20.0	10.0	1	11/18/11 10:42	11/18/11 22:22	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 15:02	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/18/11 10:42	11/21/11 15:02	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	0.10U	ug/L	0.20	0.10	1	11/18/11 04:00	11/18/11 13:15	7439-97-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	74-97-5	

ANALYTICAL RESULTS

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Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543458

Sample: B59-2R Lab ID: 3543458008 Collected: 11/17/11 13:40 Received: 11/17/11 16:48 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		11/28/11 14:02	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 14:02	74-87-3	L3
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 14:02	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	74-95-3	
1,2-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	75-35-4	
1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 14:02	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 14:02	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 14:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 14:02	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 14:02	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 14:02	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 14:02	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/28/11 14:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107 %		70-114		1		11/28/11 14:02	460-00-4	
Dibromofluoromethane (S)	92 %		88-117		1		11/28/11 14:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	94 %		86-125		1		11/28/11 14:02	17060-07-0	
Toluene-d8 (S)	101 %		87-113		1		11/28/11 14:02	2037-26-5	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: B59-2R Lab ID: 3543458008 Collected: 11/17/11 13:40 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	630	mg/L	5.0	5.0	1		11/21/11 10:03		
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.025U	mg/L	0.050	0.025	1		11/18/11 14:45	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	27.8	mg/L	5.0	2.5	1		11/18/11 14:45	16887-00-6	
Sulfate	89.3	mg/L	5.0	2.5	1		11/18/11 14:45	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	0.44	mg/L	0.050	0.020	1		11/22/11 12:07	7664-41-7	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543458

Sample: Trip blank (11/17/11) Lab ID: 3543458009 Collected: 11/17/11 08:00 Received: 11/17/11 16:48 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	67-64-1	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	107-13-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/28/11 12:02	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/28/11 12:02	74-87-3	L3
1,2-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/28/11 12:02	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/28/11 12:02	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	74-95-3	
1,1-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	95-50-1	
1,4-Dichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	106-46-7	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	110-57-6	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	78-87-5	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 12:02	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/28/11 12:02	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	100-41-4	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	74-88-4	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/28/11 12:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/28/11 12:02	108-10-1	
Styrene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/28/11 12:02	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	108-88-3	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/28/11 12:02	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/28/11 12:02	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/28/11 12:02	75-01-4	

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ANALYTICAL RESULTS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Sample: Trip blank (11/17/11) Lab ID: 3543458009 Collected: 11/17/11 08:00 Received: 11/17/11 16:48 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		11/28/11 12:02	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106 %		70-114		1		11/28/11 12:02	460-00-4	
Dibromofluoromethane (S)	96 %		88-117		1		11/28/11 12:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	96 %		86-125		1		11/28/11 12:02	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/28/11 12:02	2037-26-5	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: MERP/2270 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 293747 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/18/11 11:46	

LABORATORY CONTROL SAMPLE: 293748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.3	113	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293776 293777

Parameter	Units	3543358003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Mercury	ug/L	0.10U	2	2	2.3	2.2	114	111	80-120	3	20

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: MPRP/6496 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 293916 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/18/11 21:29	
Barium	ug/L	5.0U	10.0	11/18/11 21:29	
Beryllium	ug/L	0.50U	1.0	11/18/11 21:29	
Cadmium	ug/L	0.50U	1.0	11/18/11 21:29	
Chromium	ug/L	2.5U	5.0	11/18/11 21:29	
Cobalt	ug/L	5.0U	10.0	11/18/11 21:29	
Copper	ug/L	2.5U	5.0	11/18/11 21:29	
Iron	ug/L	20.0U	40.0	11/18/11 21:29	
Lead	ug/L	5.0U	10.0	11/18/11 21:29	
Nickel	ug/L	2.5U	5.0	11/18/11 21:29	
Selenium	ug/L	7.5U	15.0	11/18/11 21:29	
Silver	ug/L	2.5U	5.0	11/18/11 21:29	
Sodium	mg/L	0.50U	1.0	11/18/11 21:29	
Vanadium	ug/L	5.0U	10.0	11/18/11 21:29	
Zinc	ug/L	10.0U	20.0	11/18/11 21:29	

LABORATORY CONTROL SAMPLE: 293917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	253	101	80-120	
Barium	ug/L	250	270	108	80-120	
Beryllium	ug/L	25	26.3	105	80-120	
Cadmium	ug/L	25	26.4	106	80-120	
Chromium	ug/L	250	273	109	80-120	
Cobalt	ug/L	250	270	108	80-120	
Copper	ug/L	250	267	107	80-120	
Iron	ug/L	2500	2640	106	80-120	
Lead	ug/L	250	250	100	80-120	
Nickel	ug/L	250	270	108	80-120	
Selenium	ug/L	250	263	105	80-120	
Silver	ug/L	25	27.6	110	80-120	
Sodium	mg/L	12.5	14.0	112	80-120	
Vanadium	ug/L	250	268	107	80-120	
Zinc	ug/L	1250	1320	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293918 293919

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		3543458002 Result	Spike Conc.	Spike Conc.	MS Result							
Arsenic	ug/L	5.0U	250	250	261	260	104	104	75-125	.3	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Parameter	Units	293918		293919		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
		3543458002 Result	MS Spike Conc.	MSD Spike Conc.	RPD						RPD		
Barium	ug/L	107	250	250	370	376	105	107	75-125	2	20		
Beryllium	ug/L	0.50U	25	25	26.3	26.3	104	105	75-125	.3	20		
Cadmium	ug/L	0.50U	25	25	25.5	25.4	102	102	75-125	.3	20		
Chromium	ug/L	2.5U	250	250	270	269	108	107	75-125	.6	20		
Cobalt	ug/L	5.0U	250	250	265	264	106	105	75-125	.2	20		
Copper	ug/L	2.5U	250	250	272	270	109	108	75-125	.7	20		
Iron	ug/L	10800	2500	2500	13300	13500	98	108	75-125	2	20		
Lead	ug/L	5.0U	250	250	257	256	102	101	75-125	.5	20		
Nickel	ug/L	3.8 l	250	250	266	265	105	105	75-125	.2	20		
Selenium	ug/L	7.5U	250	250	260	261	103	104	75-125	.5	20		
Silver	ug/L	2.5U	25	25	27.3	27.2	108	107	75-125	.6	20		
Sodium	mg/L	55.8	12.5	12.5	68.0	70.0	98	114	75-125	3	20		
Vanadium	ug/L	5.2 l	250	250	274	274	108	108	75-125	0	20		
Zinc	ug/L	10.0U	1250	1250	1310	1310	105	104	75-125	.4	20		

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: MPRP/6497 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 293920 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/21/11 14:25	
Thallium	ug/L	0.50U	1.0	11/21/11 14:25	

LABORATORY CONTROL SAMPLE: 293921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	50.3	101	90-110	
Thallium	ug/L	50	50.3	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 293922 293923

Parameter	Units	3543458007 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Min RPD	Q
			Spike Conc.	MS Result	Spike Conc.	MSD Result						
Antimony	ug/L	0.50U	50	50.0	50	50.6	100	101	70-130	1	20	
Thallium	ug/L	0.50U	50	50.5	50	51.2	101	102	70-130	1	20	

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QUALITY CONTROL DATA

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: MSVI/4204 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004

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METHOD BLANK: 297515 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/27/11 19:59	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/27/11 19:59	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/27/11 19:59	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/27/11 19:59	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/27/11 19:59	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/27/11 19:59	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/27/11 19:59	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/27/11 19:59	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/27/11 19:59	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/27/11 19:59	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/27/11 19:59	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/27/11 19:59	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/27/11 19:59	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/27/11 19:59	
Hexanone	ug/L	5.0U	10.0	11/27/11 19:59	
Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/27/11 19:59	
Acetone	ug/L	5.0U	10.0	11/27/11 19:59	
Acrylonitrile	ug/L	5.0U	10.0	11/27/11 19:59	
Benzene	ug/L	0.50U	1.0	11/27/11 19:59	
Bromochloromethane	ug/L	0.50U	1.0	11/27/11 19:59	
Bromodichloromethane	ug/L	0.27U	0.60	11/27/11 19:59	
Bromoform	ug/L	0.50U	1.0	11/27/11 19:59	
Bromomethane	ug/L	0.50U	1.0	11/27/11 19:59	
Carbon disulfide	ug/L	5.0U	10.0	11/27/11 19:59	
Carbon tetrachloride	ug/L	0.50U	1.0	11/27/11 19:59	
Chlorobenzene	ug/L	0.50U	1.0	11/27/11 19:59	
Chloroethane	ug/L	0.50U	1.0	11/27/11 19:59	
Chloroform	ug/L	0.50U	1.0	11/27/11 19:59	
Chloromethane	ug/L	0.62U	1.0	11/27/11 19:59	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/27/11 19:59	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/27/11 19:59	
Dibromochloromethane	ug/L	0.26U	0.50	11/27/11 19:59	
Dibromomethane	ug/L	0.50U	1.0	11/27/11 19:59	
Ethylbenzene	ug/L	0.50U	1.0	11/27/11 19:59	
Iodomethane	ug/L	0.50U	1.0	11/27/11 19:59	
Methylene Chloride	ug/L	2.5U	5.0	11/27/11 19:59	
Styrene	ug/L	0.50U	1.0	11/27/11 19:59	
Tetrachloroethene	ug/L	0.50U	1.0	11/27/11 19:59	
Toluene	ug/L	0.50U	1.0	11/27/11 19:59	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/27/11 19:59	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/27/11 19:59	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/27/11 19:59	
Trichloroethene	ug/L	0.50U	1.0	11/27/11 19:59	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

METHOD BLANK: 297515 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	11/27/11 19:59	
Vinyl acetate	ug/L	1.0U	2.0	11/27/11 19:59	
Vinyl chloride	ug/L	0.50U	1.0	11/27/11 19:59	
Xylene (Total)	ug/L	0.72 I	1.0	11/27/11 19:59	
1,2-Dichloroethane-d4 (S)	%	97	86-125	11/27/11 19:59	
4-Bromofluorobenzene (S)	%	99	70-114	11/27/11 19:59	
Dibromofluoromethane (S)	%	100	88-117	11/27/11 19:59	
Toluene-d8 (S)	%	100	87-113	11/27/11 19:59	

LABORATORY CONTROL SAMPLE: 297516

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	18.9	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.2	91	70-130	
1,1,2-Trichloroethane	ug/L	20	18.1	91	70-130	
1,1-Dichloroethane	ug/L	20	19.1	96	70-130	
1,1-Dichloroethene	ug/L	20	18.8	94	70-130	
1,2,3-Trichloropropane	ug/L	20	19.0	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.7	89	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	18.1	91	70-130	
1,2-Dichlorobenzene	ug/L	20	19.5	98	70-130	
1,2-Dichloroethane	ug/L	20	18.4	92	70-130	
1,2-Dichloropropane	ug/L	20	18.5	93	70-130	
1,4-Dichlorobenzene	ug/L	20	18.4	92	70-130	
2-Butanone (MEK)	ug/L	20	17.0	85	55-167	
2-Hexanone	ug/L	20	21.8	109	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	19.4	97	70-130	
Acetone	ug/L	20	14.6	73	40-150	
Acrylonitrile	ug/L	200	192	96	70-130	
Benzene	ug/L	20	19.5	97	70-130	
Bromochloromethane	ug/L	20	18.7	94	70-130	
Bromodichloromethane	ug/L	20	18.2	91	70-130	
Bromoform	ug/L	20	18.2	91	68-130	
Bromomethane	ug/L	20	19.6	98	38-179	
Carbon disulfide	ug/L	20	20.3	102	51-155	
Carbon tetrachloride	ug/L	20	19.0	95	70-130	
Chlorobenzene	ug/L	20	23.0	115	70-130	
Chloroethane	ug/L	20	21.4	107	59-149	
Chloroform	ug/L	20	18.5	92	70-130	
Chloromethane	ug/L	20	21.6	108	68-130	
cis-1,2-Dichloroethene	ug/L	20	18.7	94	70-130	
cis-1,3-Dichloropropene	ug/L	20	18.6	93	70-130	
Dibromochloromethane	ug/L	20	18.2	91	70-130	
Dibromomethane	ug/L	20	19.0	95	70-130	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

LABORATORY CONTROL SAMPLE: 297516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	19.1	95	70-130	
Iodomethane	ug/L	20	19.8	99	43-160	
Methylene Chloride	ug/L	20	20.6	103	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	19.5	97	66-133	
Toluene	ug/L	20	19.0	95	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.4	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.7	94	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	19.5	97	65-130	
Trichloroethene	ug/L	20	19.6	98	70-130	
Trichlorofluoromethane	ug/L	20	19.1	95	70-131	
Vinyl acetate	ug/L	20	18.5	93	69-135	
Vinyl chloride	ug/L	20	19.4	97	69-140	
Xylene (Total)	ug/L	60	55.9	93	70-130	
1,2-Dichloroethane-d4 (S)	%			94	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Dibromofluoromethane (S)	%			100	88-117	
Toluene-d8 (S)	%			99	87-113	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 297517 297518

Parameter	Units	3543458003		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	MS Result	MSD Result						
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	19.1	19.0	95	95	39-130	.3	40		
1,1,1-Trichloroethane	ug/L	0.50U	20	20	20.6	20.6	103	103	47-141	.2	40		
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	17.3	17.8	87	89	49-131	3	40		
1,1,2-Trichloroethane	ug/L	0.50U	20	20	18.5	18.8	92	94	50-130	2	40		
1,1-Dichloroethane	ug/L	0.50U	20	20	20.0	19.6	100	98	54-137	2	40		
1,1-Dichloroethene	ug/L	0.50U	20	20	20.3	20.2	102	101	45-155	.4	40		
1,2,3-Trichloropropane	ug/L	0.36U	20	20	18.0	18.3	90	92	31-132	2	40		
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	16.3	17.3	81	86	37-130	6	40		
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	18.1	18.2	91	91	51-132	.6	40		
1,2-Dichlorobenzene	ug/L	0.50U	20	20	18.4	18.7	92	94	43-130	2	40		
1,2-Dichloroethane	ug/L	0.50U	20	20	18.7	18.6	93	93	54-130	.2	40		
1,2-Dichloropropane	ug/L	0.50U	20	20	18.4	18.8	92	94	53-130	2	40		
1,4-Dichlorobenzene	ug/L	0.50U	20	20	17.4	17.8	87	89	38-130	2	40		
2-Butanone (MEK)	ug/L	5.0U	20	20	17.8	18.0	89	90	48-138	1	40		
2-Hexanone	ug/L	5.0U	20	20	17.6	21.1	88	106	38-130	18	40		
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	18.2	18.4	91	92	28-143	.8	40		
Acetone	ug/L	5.0U	20	20	14.6	16.5	65	75	20-140	12	40		
Acrylonitrile	ug/L	5.0U	200	200	184	189	92	94	46-130	2	40		
Benzene	ug/L	0.50U	20	20	20.1	20.4	100	102	53-132	1	40		
Bromochloromethane	ug/L	0.50U	20	20	19.2	20.4	96	102	54-132	6	40		
Bromodichloromethane	ug/L	0.27U	20	20	18.3	18.4	92	92	46-130	.5	40		
Bromoform	ug/L	0.50U	20	20	18.0	18.5	90	93	32-130	3	40		
Bromomethane	ug/L	0.50U	20	20	21.1	23.1	106	116	20-152	9	40		
Carbon disulfide	ug/L	5.0U	20	20	22.2	20.8	111	104	28-184	7	40		

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Parameter	3543458003		MS	MSD	297517		297518		% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec						
Carbon tetrachloride	ug/L	0.50U	20	20	20.9	20.7	104	104	37-137	.8	40			
Chlorobenzene	ug/L	0.50U	20	20	23.3	23.6	116	118	46-130	1	40			
Chloroethane	ug/L	0.50U	20	20	22.9	22.3	115	112	48-159	3	40			
Chloroform	ug/L	0.50U	20	20	18.9	18.8	95	94	51-130	.5	40			
Chloromethane	ug/L	0.62U	20	20	22.4	22.3	112	111	39-144	.5	40			
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	18.6	18.6	93	93	54-130	.09	40			
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	17.7	18.0	88	90	45-130	2	40			
Dibromochloromethane	ug/L	0.26U	20	20	18.0	18.1	90	91	43-130	.8	40			
Dibromomethane	ug/L	0.50U	20	20	19.5	20.1	97	101	50-130	3	40			
Ethylbenzene	ug/L	0.50U	20	20	19.6	19.8	96	98	43-130	1	40			
Iodomethane	ug/L	0.50U	20	20	21.6	25.3	108	127	20-169	16	40			
Methylene Chloride	ug/L	2.5U	20	20	20.3	20.6	101	103	51-135	2	40			
Styrene	ug/L	0.50U	20	20	20.1	20.6	100	103	40-130	3	40			
Tetrachloroethene	ug/L	0.50U	20	20	20.5	20.3	102	101	26-130	1	40			
Toluene	ug/L	0.50U	20	20	19.3	19.3	95	95	50-130	.2	40			
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	18.7	18.9	94	95	48-142	1	40			
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	17.7	17.7	88	89	45-130	.3	40			
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	17.3	17.6	87	88	20-139	2	40			
Trichloroethene	ug/L	0.50U	20	20	21.1	20.8	105	104	42-133	1	40			
Trichlorofluoromethane	ug/L	0.50U	20	20	21.5	21.2	108	106	46-146	2	40			
Vinyl acetate	ug/L	1.0U	20	20	17.6	17.6	88	88	20-165	.2	40			
Vinyl chloride	ug/L	0.50U	20	20	21.2	21.7	106	108	57-142	2	40			
Xylene (Total)	ug/L	0.75 I	60	60	57.4	57.7	94	95	42-130	.5	40			
1,2-Dichloroethane-d4 (S)	%						91	95	86-125					
4-Bromofluorobenzene (S)	%						108	109	70-114					
Dibromofluoromethane (S)	%						101	100	88-117					
Toluene-d8 (S)	%						100	101	87-113					

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: MSV/4208 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543458005, 3543458006, 3543458007, 3543458008, 3543458009

METHOD BLANK: 297663 Matrix: Water
Associated Lab Samples: 3543458005, 3543458006, 3543458007, 3543458008, 3543458009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/28/11 10:50	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/28/11 10:50	
1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/28/11 10:50	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/28/11 10:50	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/28/11 10:50	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/28/11 10:50	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/28/11 10:50	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/28/11 10:50	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/28/11 10:50	
1,2-Dichlorobenzene	ug/L	0.50U	1.0	11/28/11 10:50	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/28/11 10:50	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/28/11 10:50	
1,4-Dichlorobenzene	ug/L	0.50U	1.0	11/28/11 10:50	
2-Butanone (MEK)	ug/L	5.0U	10.0	11/28/11 10:50	
Hexanone	ug/L	5.0U	10.0	11/28/11 10:50	
Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/28/11 10:50	
Acetone	ug/L	5.0U	10.0	11/28/11 10:50	
Acrylonitrile	ug/L	5.0U	10.0	11/28/11 10:50	
Benzene	ug/L	0.50U	1.0	11/28/11 10:50	
Bromochloromethane	ug/L	0.50U	1.0	11/28/11 10:50	
Bromodichloromethane	ug/L	0.27U	0.60	11/28/11 10:50	
Bromoform	ug/L	0.50U	1.0	11/28/11 10:50	
Bromomethane	ug/L	0.50U	1.0	11/28/11 10:50	
Carbon disulfide	ug/L	5.0U	10.0	11/28/11 10:50	
Carbon tetrachloride	ug/L	0.50U	1.0	11/28/11 10:50	
Chlorobenzene	ug/L	0.50U	1.0	11/28/11 10:50	
Chloroethane	ug/L	0.50U	1.0	11/28/11 10:50	
Chloroform	ug/L	0.50U	1.0	11/28/11 10:50	
Chloromethane	ug/L	0.62U	1.0	11/28/11 10:50	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/28/11 10:50	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/28/11 10:50	
Dibromochloromethane	ug/L	0.26U	0.50	11/28/11 10:50	
Dibromomethane	ug/L	0.50U	1.0	11/28/11 10:50	
Ethylbenzene	ug/L	0.50U	1.0	11/28/11 10:50	
Iodomethane	ug/L	0.50U	1.0	11/28/11 10:50	
Methylene Chloride	ug/L	2.5U	5.0	11/28/11 10:50	
Styrene	ug/L	0.50U	1.0	11/28/11 10:50	
Tetrachloroethene	ug/L	0.50U	1.0	11/28/11 10:50	
Toluene	ug/L	0.50U	1.0	11/28/11 10:50	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/28/11 10:50	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/28/11 10:50	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/28/11 10:50	
Trichloroethene	ug/L	0.50U	1.0	11/28/11 10:50	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

METHOD BLANK: 297663 Matrix: Water
Associated Lab Samples: 3543458005, 3543458006, 3543458007, 3543458008, 3543458009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichlorofluoromethane	ug/L	0.50U	1.0	11/28/11 10:50	
Vinyl acetate	ug/L	1.0U	2.0	11/28/11 10:50	
Vinyl chloride	ug/L	0.50U	1.0	11/28/11 10:50	
Xylene (Total)	ug/L	0.50U	1.0	11/28/11 10:50	
1,2-Dichloroethane-d4 (S)	%	95	86-125	11/28/11 10:50	
4-Bromofluorobenzene (S)	%	106	70-114	11/28/11 10:50	
Dibromofluoromethane (S)	%	96	88-117	11/28/11 10:50	
Toluene-d8 (S)	%	101	87-113	11/28/11 10:50	

LABORATORY CONTROL SAMPLE: 297664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.1	95	70-130	
1,1,1-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	70-130	
1,1,2-Trichloroethane	ug/L	20	23.3	116	70-130	
1,1-Dichloroethane	ug/L	20	21.4	107	70-130	
1,1-Dichloroethene	ug/L	20	21.2	106	70-130	
1,2,3-Trichloropropane	ug/L	20	15.8	79	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.3	82	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	21.6	108	70-130	
1,2-Dichlorobenzene	ug/L	20	20.6	103	70-130	
1,2-Dichloroethane	ug/L	20	21.0	105	70-130	
1,2-Dichloropropane	ug/L	20	21.4	107	70-130	
1,4-Dichlorobenzene	ug/L	20	20.4	102	70-130	
2-Butanone (MEK)	ug/L	20	17.6	88	55-167	
2-Hexanone	ug/L	20	21.8	109	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	20.3	102	70-130	
Acetone	ug/L	20	15.4	77	40-150	
Acrylonitrile	ug/L	200	220	110	70-130	
Benzene	ug/L	20	22.2	111	70-130	
Bromochloromethane	ug/L	20	21.3	107	70-130	
Bromodichloromethane	ug/L	20	19.1	95	70-130	
Bromoform	ug/L	20	13.8	69	68-130	
Bromomethane	ug/L	20	26.3	132	38-179	
Carbon disulfide	ug/L	20	17.6	88	51-155	
Carbon tetrachloride	ug/L	20	18.2	91	70-130	
Chlorobenzene	ug/L	20	21.3	106	70-130	
Chloroethane	ug/L	20	27.0	135	59-149	
Chloroform	ug/L	20	21.3	106	70-130	
Chloromethane	ug/L	20	30.0	150	68-130 J(L0)	
cis-1,2-Dichloroethene	ug/L	20	19.0	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
Dibromochloromethane	ug/L	20	15.9	80	70-130	
Dibromomethane	ug/L	20	22.5	113	70-130	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

LABORATORY CONTROL SAMPLE: 297664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethylbenzene	ug/L	20	21.0	105	70-130	
Iodomethane	ug/L	20	20.8	104	43-160	
Methylene Chloride	ug/L	20	21.3	106	70-130	
Styrene	ug/L	20	21.2	106	70-130	
Tetrachloroethene	ug/L	20	21.3	107	66-133	
Toluene	ug/L	20	21.7	109	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.2	101	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.3	92	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	14.0	70	65-130	
Trichloroethene	ug/L	20	22.1	110	70-130	
Trichlorofluoromethane	ug/L	20	21.6	108	70-131	
Vinyl acetate	ug/L	20	15.3	77	69-135	
Vinyl chloride	ug/L	20	24.3	121	69-140	
Xylene (Total)	ug/L	60	60.8	101	70-130	
1,2-Dichloroethane-d4 (S)	%			92	86-125	
4-Bromofluorobenzene (S)	%			108	70-114	
Dibromofluoromethane (S)	%			96	88-117	
Toluene-d8 (S)	%			102	87-113	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 297665 297666

Parameter	Units	3543458005		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result									
1,1,1,2-Tetrachloroethane	ug/L	0.50U	20	20	14.0	17.9	70	89	39-130	24	40			
1,1,1-Trichloroethane	ug/L	0.50U	20	20	17.4	21.8	87	109	47-141	22	40			
1,1,2,2-Tetrachloroethane	ug/L	0.12U	20	20	14.8	18.4	74	92	49-131	21	40			
1,1,2-Trichloroethane	ug/L	0.50U	20	20	18.3	22.0	91	110	50-130	18	40			
1,1-Dichloroethane	ug/L	0.50U	20	20	17.4	21.2	87	106	54-137	20	40			
1,1-Dichloroethene	ug/L	0.50U	20	20	15.3	20.3	76	102	45-155	28	40			
1,2,3-Trichloropropane	ug/L	0.36U	20	20	12.5	14.5	63	73	31-132	14	40			
1,2-Dibromo-3-chloropropane	ug/L	1.0U	20	20	10.9	9.2	54	46	37-130	17	40			
1,2-Dibromoethane (EDB)	ug/L	0.50U	20	20	17.5	20.9	87	105	51-132	18	40			
1,2-Dichlorobenzene	ug/L	0.50U	20	20	13.7	18.8	69	94	43-130	31	40			
1,2-Dichloroethane	ug/L	0.50U	20	20	17.3	20.9	86	104	54-130	19	40			
1,2-Dichloropropane	ug/L	0.50U	20	20	17.5	21.3	87	107	53-130	20	40			
1,4-Dichlorobenzene	ug/L	0.50U	20	20	12.7	18.0	63	90	38-130	35	40			
2-Butanone (MEK)	ug/L	5.0U	20	20	14.2	17.3	71	87	48-138	20	40			
2-Hexanone	ug/L	5.0U	20	20	16.5	23.2	83	116	38-130	34	40			
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	20	20	16.6	22.8	83	114	28-143	31	40			
Acetone	ug/L	5.0U	20	20	5.0U	17.8	16	89	20-140		40	J(M1)		
Acrylonitrile	ug/L	5.0U	200	200	176	236	88	118	46-130	29	40			
Benzene	ug/L	0.50U	20	20	17.6	21.9	88	109	53-132	22	40			
Bromochloromethane	ug/L	0.50U	20	20	17.5	21.1	88	106	54-132	19	40			
Bromodichloromethane	ug/L	0.27U	20	20	14.5	18.2	72	91	46-130	23	40			
Bromoform	ug/L	0.50U	20	20	9.8	11.9	49	60	32-130	20	40			
Bromomethane	ug/L	0.50U	20	20	18.6	24.5	93	123	20-152	27	40			
Carbon disulfide	ug/L	5.0U	20	20	14.9	22.4	75	112	28-184	40	40			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

Parameter	Units	3543458005		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec							
Carbon tetrachloride	ug/L	0.50U	20	20	14.1	18.4	71	92	37-137	26	40					
Chlorobenzene	ug/L	0.50U	20	20	15.3	20.0	76	100	46-130	27	40					
Chloroethane	ug/L	0.50U	20	20	20.5	27.6	103	138	48-159	29	40					
Chloroform	ug/L	0.50U	20	20	17.2	21.5	86	107	51-130	22	40					
Chloromethane	ug/L	0.62U	20	20	24.3	31.0	122	155	39-144	24	40	J(M0)				
cis-1,2-Dichloroethene	ug/L	0.50U	20	20	16.4	19.3	82	97	54-130	16	40					
cis-1,3-Dichloropropene	ug/L	0.25U	20	20	15.3	18.9	77	94	45-130	21	40					
Dibromochloromethane	ug/L	0.26U	20	20	11.6	14.5	58	73	43-130	22	40					
Dibromomethane	ug/L	0.50U	20	20	18.5	21.9	92	110	50-130	17	40					
Ethylbenzene	ug/L	0.50U	20	20	14.9	19.8	74	99	43-130	29	40					
Iodomethane	ug/L	0.50U	20	20	15.2	23.2	76	116	20-169	42	40	J(D6)				
Methylene Chloride	ug/L	2.5U	20	20	16.5	20.1	82	100	51-135	20	40					
Styrene	ug/L	0.50U	20	20	14.9	19.5	75	98	40-130	27	40					
Tetrachloroethene	ug/L	0.50U	20	20	12.7	20.0	64	100	26-130	45	40	J(D6)				
Toluene	ug/L	0.50U	20	20	16.2	21.0	81	105	50-130	26	40					
trans-1,2-Dichloroethene	ug/L	0.50U	20	20	16.0	20.6	80	103	48-142	25	40					
trans-1,3-Dichloropropene	ug/L	0.25U	20	20	13.9	17.1	70	86	45-130	21	40					
trans-1,4-Dichloro-2-butene	ug/L	5.0U	20	20	8.2	12.0	41	60	20-139		40					
Trichloroethene	ug/L	0.50U	20	20	15.6	21.5	78	107	42-133	32	40					
Trichlorofluoromethane	ug/L	0.50U	20	20	16.1	23.0	80	115	46-146	35	40					
Vinyl acetate	ug/L	1.0U	20	20	14.2	18.2	71	91	20-165	25	40					
Vinyl chloride	ug/L	0.50U	20	20	21.0	28.5	105	143	57-142	30	40	J(M1)				
Xylene (Total)	ug/L	0.50U	60	60	42.6	57.4	71	96	42-130	30	40					
1,2-Dichloroethane-d4 (S)	%							89	95	86-125						
4-Bromofluorobenzene (S)	%							111	111	70-114						
Dibromofluoromethane (S)	%							99	98	88-117						
Toluene-d8 (S)	%							103	104	87-113						

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: OEXT/6522 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3543458001, 3543458002

METHOD BLANK: 295111 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/22/11 03:31	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/22/11 03:31	

LABORATORY CONTROL SAMPLE: 295112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.25	100	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.28	111	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 295113 295114

Parameter	Units	3543358006		MS	MSD	MS	MSD	MS	MSD	% Rec	Max		
		Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L		0.0049 U	.44	.44	0.41	0.40	93	92	60-140	2	40	
1,2-Dibromoethane (EDB)	ug/L		0.0062 U	.44	.44	0.44	0.44	102	101	60-140	1	40	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: OEXT/6547 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011 EDB DBCP
Associated Lab Samples: 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 296233 Matrix: Water
Associated Lab Samples: 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/28/11 08:59	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/28/11 08:59	

LABORATORY CONTROL SAMPLE: 296234

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.21	85	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.23	92	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 296867 296868

Parameter	Units	3543603004		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Q
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,2-Dibromo-3-chloropropane	ug/L	0.0050 U	.44	.44	0.35	0.36	81	82	60-140	1	40			
1,2-Dibromoethane (EDB)	ug/L	0.0063 U	.44	.44	0.40	0.38	92	87	60-140	5	40			

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: WET/10996 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 295093 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/21/11 09:50	

LABORATORY CONTROL SAMPLE: 295094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	289	96	90-110	

SAMPLE DUPLICATE: 295095

Parameter	Units	3543441001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	968	978	1	20	

SAMPLE DUPLICATE: 295096

Parameter	Units	3543458002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	830	836	.7	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: WETA/13470 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 294338 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/18/11 09:42	

LABORATORY CONTROL SAMPLE: 294339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.1	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294340 294341

Parameter	Units	3543458001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Nitrate as N	mg/L	0.025U	5	5	5.1	5.1	103	103	90-110	.2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294342 294343

Parameter	Units	3543506001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Nitrate as N	mg/L	0.025U	5	5	5.2	5.2	104	104	90-110	.1	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543458

QC Batch: WETA/13472 Analysis Method: EPA 300.0
 QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
 Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 294354 Matrix: Water
 Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/18/11 09:42	
Sulfate	mg/L	2.5U	5.0	11/18/11 09:42	

LABORATORY CONTROL SAMPLE: 294355

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.9	102	90-110	
Sulfate	mg/L	50	49.4	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294356 294357

Parameter	Units	3543458001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Chloride	mg/L	2.5U	50	50	51.2	51.1	101	101	90-110	.04	20	
Sulfate	mg/L	2.5U	50	50	49.7	49.8	99	100	90-110	.03	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294358 294359

Parameter	Units	3543506001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Chloride	mg/L	6.4	50	50	60.4	60.3	108	108	90-110	.07	20	
Sulfate	mg/L	19.0	50	50	74.3	74.2	110	110	90-110	.007	20	

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QUALITY CONTROL DATA

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

QC Batch: WETA/13516 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

METHOD BLANK: 295780 Matrix: Water
Associated Lab Samples: 3543458001, 3543458002, 3543458003, 3543458004, 3543458005, 3543458006, 3543458007, 3543458008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/22/11 11:55	

LABORATORY CONTROL SAMPLE: 295781

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

MATRIX SPIKE SAMPLE: 295783

Parameter	Units	3543458001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	1.0	100	90-110	

SAMPLE DUPLICATE: 295782

Parameter	Units	3543458001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		20	

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QUALIFIERS

Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

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.

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.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J(D6) Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- J(M0) Estimated Value. Matrix spike recovery was outside laboratory control limits.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- 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.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

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Project: Tomoka LF Semi-Annual
Pace Project No.: 3543458

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543458002	B62-2R		FLD/		
3543458003	B66		FLD/		
3543458004	B43-2		FLD/		
3543458005	B44		FLD/		
3543458006	B59-1R		FLD/		
3543458007	B59-1 DUP		FLD/		
3543458008	B59-2R		FLD/		
3543458001	Equip blank (11/17/11)	EPA 8011	OEXT/6522	EPA 8011	GCSVI/4755
3543458002	B62-2R	EPA 8011	OEXT/6522	EPA 8011	GCSVI/4755
3543458003	B66	EPA 8011	OEXT/6547	EPA 8011	GCSVI/4770
3543458004	B43-2	EPA 8011	OEXT/6547	EPA 8011	GCSVI/4770
3543458005	B44	EPA 8011	OEXT/6547	EPA 8011	GCSVI/4770
3543458006	B59-1R	EPA 8011	OEXT/6547	EPA 8011	GCSVI/4770
3543458007	B59-1 DUP	EPA 8011	OEXT/6547	EPA 8011	GCSVI/4770
3543458008	B59-2R	EPA 8011	OEXT/6547	EPA 8011	GCSVI/4770
3543458001	Equip blank (11/17/11)	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458002	B62-2R	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458003	B66	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458004	B43-2	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458005	B44	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458006	B59-1R	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458007	B59-1 DUP	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458008	B59-2R	EPA 3010	MPRP/6496	EPA 6010	ICP/4470
3543458001	Equip blank (11/17/11)	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458002	B62-2R	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458003	B66	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458004	B43-2	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458005	B44	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458006	B59-1R	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458007	B59-1 DUP	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458008	B59-2R	EPA 3010	MPRP/6497	EPA 6020	ICPM/2868
3543458001	Equip blank (11/17/11)	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458002	B62-2R	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458003	B66	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458004	B43-2	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458005	B44	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458006	B59-1R	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458007	B59-1 DUP	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458008	B59-2R	EPA 7470	MERP/2270	EPA 7470	MERC/2274
3543458001	Equip blank (11/17/11)	EPA 8260	MSV/4204		
3543458002	B62-2R	EPA 8260	MSV/4204		
3543458003	B66	EPA 8260	MSV/4204		
3543458004	B43-2	EPA 8260	MSV/4204		
3543458005	B44	EPA 8260	MSV/4208		
3543458006	B59-1R	EPA 8260	MSV/4208		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Semi-Annual
 Pace Project No.: 3543458

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543458007	B59-1 DUP	EPA 8260	MSV/4208		
3543458008	B59-2R	EPA 8260	MSV/4208		
3543458009	Trip blank (11/17/11)	EPA 8260	MSV/4208		
3543458001	Equip blank (11/17/11)	SM 2540C	WET/10996		
3543458002	B62-2R	SM 2540C	WET/10996		
3543458003	B66	SM 2540C	WET/10996		
3543458004	B43-2	SM 2540C	WET/10996		
3543458005	B44	SM 2540C	WET/10996		
3543458006	B59-1R	SM 2540C	WET/10996		
3543458007	B59-1 DUP	SM 2540C	WET/10996		
3543458008	B59-2R	SM 2540C	WET/10996		
3543458001	Equip blank (11/17/11)	EPA 300.0	WETA/13470		
3543458002	B62-2R	EPA 300.0	WETA/13470		
3543458003	B66	EPA 300.0	WETA/13470		
3543458004	B43-2	EPA 300.0	WETA/13470		
3543458005	B44	EPA 300.0	WETA/13470		
3543458006	B59-1R	EPA 300.0	WETA/13470		
3543458007	B59-1 DUP	EPA 300.0	WETA/13470		
3543458008	B59-2R	EPA 300.0	WETA/13470		
3543458001	Equip blank (11/17/11)	EPA 300.0	WETA/13472		
3543458002	B62-2R	EPA 300.0	WETA/13472		
3543458003	B66	EPA 300.0	WETA/13472		
3543458004	B43-2	EPA 300.0	WETA/13472		
3543458005	B44	EPA 300.0	WETA/13472		
3543458006	B59-1R	EPA 300.0	WETA/13472		
3543458007	B59-1 DUP	EPA 300.0	WETA/13472		
3543458008	B59-2R	EPA 300.0	WETA/13472		
3543458001	Equip blank (11/17/11)	EPA 350.1	WETA/13516		
3543458002	B62-2R	EPA 350.1	WETA/13516		
3543458003	B66	EPA 350.1	WETA/13516		
3543458004	B43-2	EPA 350.1	WETA/13516		
3543458005	B44	EPA 350.1	WETA/13516		
3543458006	B59-1R	EPA 350.1	WETA/13516		
3543458007	B59-1 DUP	EPA 350.1	WETA/13516		
3543458008	B59-2R	EPA 350.1	WETA/13516		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

3540458

Section A Required Client Information: Company: **Volusia County**
 Address: **1900 Tomoka Farms Rd, Daytona Beach, FL 32114**
 Email To: _____ Phone: _____ Fax: _____
 Project Name: **Tomoka LF Semi-Annual**
 Project Number: _____

Section C Invoice Information: Attention: **James Stirk**
 Company Name: _____ Address: _____
 Pipe Quote Reference: _____
 Pace Project Manager: _____
 Pace Profile #: _____

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER _____
 Site Location: _____ STATE: **FL**

Page: **1** of **1**
 1425261

ITEM #	Section B Required Client Information	MATRIX / CODE	MATRIX CODE (see field codes to left)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analysis Test ↑	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
				COMPOSITE START	COMPOSITE ENDIGOUS			DATE	TIME	DATE	TIME	Unpreserved	H ₂ SO ₄				
1	BQ	Drinking Water	BW6	4/17/11	0950		8	3	1	1	3						
2	BQ2-2	Waste Water			1023												
3	B-66	Waste Water Product			1143												
4	B-44	Soil/Solid			1218												
5	B-59-1	Oil			1303												
6	DUP	Wipe	BW6	4/17/11	1540		8	3	1	3							
7	B-59-2	Air															
8		Other															
9																	
10	TRIP BANKS						2				2						
11																	
12																	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>[Signature]</i>	4/17/11	1648	<i>[Signature]</i>	4/17/11	1648	Temp in °C: 74

SAMPLER NAME AND SIGNATURE: **JAMES STIRK**

PRINT Name of SAMPLER: **JAMES STIRK**

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed (MM/DD/YY): **4/17/11**

Received on: _____

Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual Site Location: Volusia County, FL

Well #: B62-2 Sample ID: Date: 11/17/11

PURGING DATA

YSI: 02606/2697

051010526

Well Diameter: 2" Tubing Diameter: 3/8" Well Screen Interval Depth: Feet to Static Depth to Water: 14.34 Sampling Device: PP

Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
(22.05 - 14.34) X 0.16 Gallons/Foot = 1.2336 Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): 16 Final Pump or Tubing Depth in Well: 16 Purging Initiated At: 10:04 Purging Ended At: 10:22 Total Volume Purged (Gallons): 2.08

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/l or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
10:06	1.30	1.30	.13	15.40	7.09	24.49	1393	0.42	1.63	0.2460	Yes	-82.1
10:17	.39	1.69		15.40	7.08	24.50	1411	0.31	0.60			-85.5
10:22	.39	2.08		15.40	7.07	24.53	1416	0.27	0.34			-87.3

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

SAMPLING DATA

Sampled By (Print): James Stockbridge / Pace Sampler's Signature: [Signature] Sampling Initiated At: 10:23 Sampling Ended At: 10:31

Pump or Tubing Depth in Well (Feet): 16 Sample Pump Flow Rate (mL per minute): 100-200ml Tubing Material Code: PE Field Decontamination: Yes No Field-Filtered: Yes No Duplicate: Yes No Filter Size: µm

Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 68
 Rain: Yes No
 Wind Speed: 5-10
 Wind Direction: W

Surface Water Taken From: Waste Water: Start Time _____ Finish Time _____
 Total Depth: _____ Shore Surface Sampling Point: _____ Volume: _____
 Type: Lake Stream Boat Mid-Depth Composite Grab
 River Other _____ Bridge Bottom mL per: Hour 1/2 Hour
 Wading Other

Soils/Sediment Sampling Point: Sample Depth: Composite Grab
 Drum Waste Type: Layers (Yes) (No) Composite Grab
 Other: Sampling Point: Sample Depth: Composite Grab
 Discharged Method Ground Barrel On Ice @ 10:32 Bottles Preserved <2pH

Field Notes: _____

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See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B-66	Sample ID: _____ Date: 11/17/11

PURGING DATA

YSI: 02606/2697

05-K101526

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: _____ Feet to _____	Static Depth to Water: 6.48	Sampling Device: PP
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
$(17.10 - 6.48) \times 0.16 = 1.6992$ Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (_____ X _____) + _____ = Gallons				
Initial Pump or Tubing Depth in Well (Feet): 8	Final Pump or Tubing Depth in Well: 8	Purging Initiated At: 1050	Purging Ended At: 1101	Total Volume Purged (Gallons): 2.75

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (circ mg/l or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1057	1.75	1.75	.25	7.96	6.86	23.46	447	1.36	4.87	Yellow	Amoxic	37.5
1059	.50	2.25	1	7.96	6.85	23.52	454	1.06	0.58	1	1	37.7
1101	.50	2.75	1	7.96	6.84	23.61	455	0.90	0.41	1	1	36.6

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

SAMPLING DATA

Sampled By (Print): James Stockbridge		Sampler(s) Signature: <i>[Signature]</i>		Sampling Initiated At: 1102	Sampling Ended At: 1110			
Pump or Tubing Depth in Well (Feet): 8	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions

Sunny

Partly Cloudy

Cloudy

Temperature: **72**

Rain: Yes No

Wind Speed: **5-10**

Wind Direction: **W**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: {} Hour {} 1/2 Hour {}
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Grab
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel <input type="checkbox"/> On Ice @ 1111 Bottles Preserved <2pH		
Field Notes: _____		

See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B43-2	Sample ID:
Date: 11/17/11	

PURGING DATA

YSI: 02606/2697

OK 101324

Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 6.01	Sampling Device: PP
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Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (**14.74 - 6.01**) X 0.16 Gallons/foot = Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 = Gallons

Initial Pump or Tubing Depth in Well (Feet): 8	Final Pump or Tubing Depth in Well: 10	Purging Initiated At: 11:25	Purging Ended At: 11:42	Total Volume Purged (Gallons): 2.21
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Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
11:36	1.43	1.43	13	9.16	6.38	23.26	426	0.47	0.67	NONE	NONE	35.6
11:39	.39	1.82	1	9.16	6.41	23.29	418	0.37	1.39	1	1	25.1
11:42	.39	2.21	1	9.16	6.42	23.31	420	0.31	3.67	1	1	24.5

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.55; 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

SAMPLING DATA

Sampled By (Print): James Stockbridge				Sampler(s) Signature: <i>[Signature]</i>				Sampling Initiated At: 11:43	Sampling Ended At: 11:51
Pump or Tubing Depth in Well (Feet): 10		Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Filter Size: µm	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code	

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **73**
 Rain: Yes No
 Wind Speed: **5**
 Wind Direction: **W**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____		
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel <input type="checkbox"/> On Ice @ 11:52 Bottles Preserved <2pH		

Field Notes:
See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B-44	Sample ID:
Date: 11/17/11	

PURGING DATA

YSI: 02606/2697

03K10526

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: 6.96	Sampling Device: PP
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Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume
 (14.61 - 6.96) X 0.16 Gallons/Foot = **1.224** Gallons

Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume
 + (X) + = Gallons

Initial Pump or Tubing Depth in Well (Feet): 9	Final Pump or Tubing Depth in Well: 9	Purging Initiated At: 1201	Purging Ended At: 1217	Total Volume Purged (Gallons): 2.08
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Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1211	1.36	1.36	.13	5.70	5.12	22.86	383	0.26	0.98	ND	ND	142.4
1214	.39	1.75	1	5.70	5.19	22.90	380	0.25	0.84	1	1	129.0
1217	.39	2.08	1	5.70	5.27	22.84	380	0.21	0.74	1	1	115.0

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" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): James Stockbridge				Sampler(s) Signature: <i>[Signature]</i>				Sampling Initiated At: 1218	Sampling Ended At: 1225
Pump or Tubing Depth in Well (Feet): 9		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Filter Size: µm	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **73**
 Rain: Yes No
 Wind Speed: **0**
 Wind Direction:

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <input type="checkbox"/> Hour <input type="checkbox"/> 1/2 Hour <input type="checkbox"/>	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Other: Sampling Point: _____ Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel		On Ice @ 1224		Bottles Preserved <2pH	

Field Notes:

See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual					Site Location: Volusia County, FL							
Well #: 359-1 / DWP			Sample ID:			Date: 11/17/11						
PURGING DATA												
Tubing Diameter: 2"		Well Screen Interval Depth: Feet to		Static Depth to Water: 7.87		YSI: 02606/2697		(8/10/15/26)				
Tubing Diameter: 3/8"						Sampling Device: PP						
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume												
(35.10 - 7.87) X 0.16 Gallons/Foot = 4,356.8 Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume												
= Gallons												
Initial Pump or Tubing Depth in Well (Feet): 10			Final Pump or Tubing Depth in Well: 11			Purging Initiated At: 034		Purging Ended At: 1302		Total Volume Purged (Gallons): 7.00		
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1252	4.50	4.50	.25	10.06	6.85	25.10	637	0.07	0.16	NONE	NONE	-46.1
1257	1.25	5.75	1	10.06	6.86	25.04	655	0.07	0.11	1	1	-46.7
1302	1.25	7.00	1	10.06	6.85	25.03	635	0.04	0.10	1	1	-46.5
<small>Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 6" = 1.02; 8" = 1.47; 12" = 5.88 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0008; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.008; 1/2" = 0.010; 5/8" = 0.018</small>												

SAMPLING DATA

Sampled By (Print): James Stockbridge / Pace				Sampler(s) Signature: <i>[Signature]</i>				Sampling Initiated At: 1303		Sampling Ended At: 1320	
Pump or Tubing Depth in Well (Feet): 11		Sample Pump Flow Rate (mL per minute): 100-200ml		Tubing Material Code: PE		Field Decontamination: (Yes) [No]		Field-Filtered: (Yes) (No) [No]		Duplicate: (Yes) [No]	
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code			

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: 75
 Rain: [Yes] (No)
 Wind Speed: 5
 Wind Direction: W

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] 1/2 Hour []	
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____		<input type="checkbox"/> Composite <input type="checkbox"/> Grab		Discharged Method <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1321 Bottles Preserved <2pH	

Field Notes: Very Dusty Area

See Work Order/Bottle Order

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill Semi-Annual	Site Location: Volusia County, FL
Well #: B59-2	Sample ID: _____ Date: 11/17/11

PURGING DATA

YSI: 02606/2697 **CR101526**

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to _____	Static Depth to Water: 8.07	Sampling Device: PP								
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume												
(17.51 - 8.07) X 0.16 Gallons/Foot = _____ Gallons												
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume												
+ (_____ X _____) = Gallons												
Initial Pump or Tubing Depth in Well (Feet): 10	Final Pump or Tubing Depth in Well: 10	Purging Initiated At: 1328	Purging Ended At: 1339	Total Volume Purged (Gallons): 2.75								
Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
1325	1.75	1.75	.25	9.48	6.61	25.47	1000	0.14	16.86	ORANGE	NOODOR	-52.1
1337	.50	2.25	1	9.48	6.58	25.48	998	0.09	12.84			-50.5
1339	.50	2.75	1	9.48	6.56	25.44	993	0.08	11.25			-49.9
Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.05; 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												

SAMPLING DATA

Sampled By (Print): James Stockbridge		Sampler(s) Signature: _____		Sampling Initiated At: 1340	Sampling Ended At: 1345			
Pump or Tubing Depth in Well (Feet): 10	Sample Pump Flow Rate (mL per minute): 100-200ml	Tubing Material Code: PE	Field Decontamination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field-Filtered: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Sample ID Code	# Containers	Material Code	Volume	Preservative Used	Total Volume Added in Field (mL)	Final pH	Intended Analysis and/or Method	Sampling Equipment Code

Weather Conditions
 Sunny
 Partly Cloudy
 Cloudy
 Temperature: **77**
 Rain: Yes No
 Wind Speed: **5-10**
 Wind Direction: **W**

<input type="checkbox"/> Surface Water Total Depth: _____ Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other _____	Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other _____	<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____ Sampling Point: _____ Volume: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: [] Hour [] ½ Hour []
<input type="checkbox"/> Soils/Sediment Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste Type: _____ Layers [Yes] [No]	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____ Sampling Point: _____ Sample Depth: _____	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel On Ice @ 1329 Bottles Preserved <2pH		

Field Notes: _____

See Work Order/Bottle Order

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: Wusa County Project # 3543458

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: (M) 11/17/11

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used 739 Type of Ice: Wet Blue None

Cooler Temperature: 5.4 (Visual) -1.0 (Correction Factor) 4.4 (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 yes, then all conditions below were met:

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

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: _____

Date: 11/18/11

Finished Product Information Only

F.P. Sample ID: _____
Production Code: _____
Date/Time Opened: _____
Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received
_____ x 5 Gal
_____ x 2.5 Gal
_____ x 1 Gal
_____ x 1 Liter
_____ x 500 mL
_____ x 250 mL
_____ x Other: _____

Extra Sample in Shed: Yes No

December 05, 2011

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

RE: Project: Tomoka LF Leachate
Pace Project No.: 3543582

Dear Ms. Stirk:

Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2011. 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.

The results for Kepone, a,a-Dimethylphenethylamine, and 1,4-Phenylenediamine on 3543582 were reported as a Tentively Identified Compounds (TIC).

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: Ken Guilbeault, SCS Engineers
Ms. Katherine Weitz, HDR Engineering, Inc.



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

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
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
U.S. Virgin Islands Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Virginia Environmental Certificate #: 460165
Washington Certification #: C955
Wyoming Certification: FL NELAC Reciprocity
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

SAMPLE SUMMARY

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3543582001	L-1	Water	11/18/11 10:10	11/18/11 14:52
3543582002	Trip blank (11/18/11)	Water	11/18/11 08:00	11/18/11 14:52

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3543582001	L-1		JSB	7	PASI-O
		EPA 8011	JLR	2	PASI-O
		EPA 8081	JLG	23	PASI-O
		EPA 8082	JTT	9	PASI-O
		EPA 8141	WFH	7	PASI-O
		EPA 8151	LJM	6	PASI-O
		EPA 6010	IST, TAP	16	PASI-O
		EPA 6020	HEA	2	PASI-O
		EPA 7470	DRS	1	PASI-O
		EPA 8270	JEZ	106	PASI-O
		EPA 8260	SK	62	PASI-O
		SM 2320B	AMD	1	PASI-O
		SM 2540C	MMD	1	PASI-O
		EPA 9034	AAM	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 300.0	LAJ	1	PASI-O
		EPA 350.1	SOA	1	PASI-O
		3543582002	Trip blank (11/18/11)	EPA 9012	SOA
EPA 8260	SK			64	PASI-O

REPORT OF LABORATORY ANALYSIS

HITS ONLY

Project: Tomoka LF Leachate

Pace Project No.: 3543582

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
3543582001	L-1					
	Field pH	8.01	Std. Units		11/18/11 10:10	
	Field Temperature	23.12	deg C		11/18/11 10:10	
	Appearance	Color:			11/18/11 10:10	
		Black,				
		Sheen:				
		None				
	Field Specific Conductance	5912	umhos/cm		11/18/11 10:10	
	Oxygen, Dissolved	0.20	mg/L		11/18/11 10:10	
	REDOX	-153.5	mV		11/18/11 10:10	
	Turbidity	23.95	NTU		11/18/11 10:10	
EPA 6010	Arsenic	54.2	ug/L	10.0	11/22/11 20:15	
EPA 6010	Barium	45.8	ug/L	10.0	11/22/11 20:15	
EPA 6010	Beryllium	0.52 I	ug/L	1.0	11/22/11 20:15	
EPA 6010	Chromium	94.5	ug/L	5.0	11/22/11 20:15	
EPA 6010	Cobalt	17.5	ug/L	10.0	11/22/11 20:15	
EPA 6010	Copper	60.4	ug/L	5.0	11/22/11 20:15	
EPA 6010	Iron	1760	ug/L	40.0	11/22/11 20:15	
EPA 6010	Lead	7.9 I	ug/L	10.0	11/22/11 20:15	
EPA 6010	Nickel	71.2	ug/L	5.0	11/22/11 20:15	
EPA 6010	Sodium	670	mg/L	10.0	11/22/11 20:19	D4
EPA 6010	Vanadium	22.2	ug/L	10.0	11/23/11 07:24	
EPA 6010	Zinc	188	ug/L	20.0	11/22/11 20:15	
EPA 6020	Antimony	4.1	ug/L	1.0	11/22/11 12:13	
EPA 7470	Mercury	1.0	ug/L	0.20	11/21/11 10:47	
EPA 8270	Benzo(a)pyrene	7.2 I	ug/L	47.2	11/29/11 11:50	
EPA 8270	Dimethylphthalate	42.1 I	ug/L	236	11/29/11 11:50	
EPA 8270	2,6-Dinitrotoluene	913	ug/L	94.4	11/29/11 11:50	
EPA 8270	3&4-Methylphenol(m&p Cresol)	184 I	ug/L	472	11/29/11 11:50	
EPA 8270	Phenacetin	19.6 I	ug/L	236	11/29/11 11:50	
EPA 8270	Phenol	106 I	ug/L	236	11/29/11 11:50	
EPA 8260	Acetone	79.7	ug/L	10.0	11/30/11 21:54	
EPA 8260	Acetonitrile	37.9	ug/L	10.0	11/30/11 21:54	
EPA 8260	Benzene	3.3	ug/L	1.0	11/30/11 21:54	
EPA 8260	2-Butanone (MEK)	84.0	ug/L	10.0	11/30/11 21:54	
EPA 8260	1,2-Dichloroethane	0.78 I	ug/L	1.0	11/30/11 21:54	
EPA 8260	cis-1,2-Dichloroethene	0.88 I	ug/L	1.0	11/30/11 21:54	
EPA 8260	Ethylbenzene	13.1	ug/L	1.0	11/30/11 21:54	
EPA 8260	Styrene	0.68 I	ug/L	1.0	11/30/11 21:54	
EPA 8260	Toluene	9.0	ug/L	1.0	11/30/11 21:54	
EPA 8260	Xylene (Total)	21.8	ug/L	1.0	11/30/11 21:54	
SM 2320B	Alkalinity, Total as CaCO3	1840	mg/L	25.0	11/23/11 12:45	
SM 2540C	Total Dissolved Solids	3170	mg/L	50.0	11/22/11 09:57	
EPA 9034	Sulfide	10.8	mg/L	5.0	11/21/11 07:00	
EPA 300.0	Chloride	700	mg/L	100	11/30/11 15:41	
EPA 350.1	Nitrogen, Ammonia	319	mg/L	2.5	11/22/11 12:23	
EPA 9012	Cyanide	0.013 I	mg/L	0.020	11/22/11 07:05	

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data		Analytical Method:							
Field pH	8.01	Std. Units			1		11/18/11 10:10		
Field Temperature	23.12	deg C			1		11/18/11 10:10		
Appearance	Color:				1		11/18/11 10:10		
	Black,								
	Sheen:								
	None								
Field Specific Conductance	5912	umhos/cm			1		11/18/11 10:10		
Oxygen, Dissolved	0.20	mg/L			1		11/18/11 10:10	7782-44-7	
REDOX	-153.5	mV			1		11/18/11 10:10		
Turbidity	23.95	NTU			1		11/18/11 10:10		
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	11/23/11 11:30	11/28/11 16:24	96-12-8	
1,2-Dibromoethane (EDB)	0.0062U	ug/L	0.010	0.0062	1	11/23/11 11:30	11/28/11 16:24	106-93-4	
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.00049U	ug/L	0.0098	0.00049	1	11/21/11 04:00	11/22/11 20:57	309-00-2	
alpha-BHC	0.00029U	ug/L	0.0098	0.00029	1	11/21/11 04:00	11/22/11 20:57	319-84-6	
beta-BHC	0.00049U	ug/L	0.0098	0.00049	1	11/21/11 04:00	11/22/11 20:57	319-85-7	
delta-BHC	0.00039U	ug/L	0.0098	0.00039	1	11/21/11 04:00	11/22/11 20:57	319-86-8	
gamma-BHC (Lindane)	0.00020U	ug/L	0.0098	0.00020	1	11/21/11 04:00	11/22/11 20:57	58-89-9	
Chlordane (Technical)	0.078U	ug/L	0.49	0.078	1	11/21/11 04:00	11/22/11 20:57	57-74-9	
Chlorobenzilate	0.021U	ug/L	0.098	0.021	1	11/21/11 04:00	11/22/11 20:57	510-15-6	
4,4'-DDD	0.0019U	ug/L	0.0098	0.0019	1	11/21/11 04:00	11/22/11 20:57	72-54-8	
4,4'-DDE	0.00088U	ug/L	0.0098	0.00088	1	11/21/11 04:00	11/22/11 20:57	72-55-9	
4,4'-DDT	0.0035U	ug/L	0.0098	0.0035	1	11/21/11 04:00	11/22/11 20:57	50-29-3	
Dieldrin	0.00049U	ug/L	0.0098	0.00049	1	11/21/11 04:00	11/22/11 20:57	60-57-1	
Endosulfan I	0.00069U	ug/L	0.0098	0.00069	1	11/21/11 04:00	11/22/11 20:57	959-98-8	
Endosulfan II	0.00069U	ug/L	0.0098	0.00069	1	11/21/11 04:00	11/22/11 20:57	33213-65-9	
Endosulfan sulfate	0.00059U	ug/L	0.0098	0.00059	1	11/21/11 04:00	11/22/11 20:57	1031-07-8	
Endrin	0.0017U	ug/L	0.0098	0.0017	1	11/21/11 04:00	11/22/11 20:57	72-20-8	
Endrin aldehyde	0.0070U	ug/L	0.0098	0.0070	1	11/21/11 04:00	11/22/11 20:57	7421-93-4	
Heptachlor	0.0015U	ug/L	0.0098	0.0015	1	11/21/11 04:00	11/22/11 20:57	76-44-8	
Heptachlor epoxide	0.00039U	ug/L	0.0098	0.00039	1	11/21/11 04:00	11/22/11 20:57	1024-57-3	
Methoxychlor	0.0069U	ug/L	0.0098	0.0069	1	11/21/11 04:00	11/22/11 20:57	72-43-5	
Pentachloronitrobenzene	0.015U	ug/L	0.098	0.015	1	11/21/11 04:00	11/22/11 20:57	82-68-8	
Toxaphene	0.28U	ug/L	0.49	0.28	1	11/21/11 04:00	11/22/11 20:57	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	26 %		66.5-120.3		1	11/21/11 04:00	11/22/11 20:57	877-09-8	J(S1), J(S2)
Decachlorobiphenyl (S)	27 %		41.7-109.1		1	11/21/11 04:00	11/22/11 20:57	2051-24-3	J(S1), J(S2)
8082 GCS PCB		Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	0.078U	ug/L	0.49	0.078	1	11/21/11 04:00	11/22/11 18:10	12674-11-2	
PCB-1221 (Aroclor 1221)	0.079U	ug/L	0.49	0.079	1	11/21/11 04:00	11/22/11 18:10	11104-28-2	
PCB-1232 (Aroclor 1232)	0.12U	ug/L	0.49	0.12	1	11/21/11 04:00	11/22/11 18:10	11141-16-5	

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
 Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3510									
PCB-1242 (Aroclor 1242)	0.12U	ug/L	0.49	0.12	1	11/21/11 04:00	11/22/11 18:10	53469-21-9	
PCB-1248 (Aroclor 1248)	0.27U	ug/L	0.49	0.27	1	11/21/11 04:00	11/22/11 18:10	12672-29-6	
PCB-1254 (Aroclor 1254)	0.14U	ug/L	0.49	0.14	1	11/21/11 04:00	11/22/11 18:10	11097-69-1	
PCB-1260 (Aroclor 1260)	0.11U	ug/L	0.49	0.11	1	11/21/11 04:00	11/22/11 18:10	11096-82-5	
Surrogates									
Tetrachloro-m-xylene (S)	36 %		48-111		1	11/21/11 04:00	11/22/11 18:10	877-09-8	J(S5)
Decachlorobiphenyl (S)	25 %		63-121		1	11/21/11 04:00	11/22/11 18:10	2051-24-3	J(S5)
8141 GCS O/P Pesticides Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Dimethoate	0.23U	ug/L	0.47	0.23	1	11/22/11 17:45	11/26/11 20:24	60-51-5	J(M1)
Disulfoton	0.24U	ug/L	0.47	0.24	1	11/22/11 17:45	11/26/11 20:24	298-04-4	J(M1)
Famphur	0.28U	ug/L	0.47	0.28	1	11/22/11 17:45	11/26/11 20:24	52-85-7	J(M1)
Methyl parathion	0.25U	ug/L	0.47	0.25	1	11/22/11 17:45	11/26/11 20:24	298-00-0	
Parathion (Ethyl parathion)	0.45U	ug/L	0.95	0.45	1	11/22/11 17:45	11/26/11 20:24	56-38-2	J(M1)
Phorate	0.40U	ug/L	0.95	0.40	1	11/22/11 17:45	11/26/11 20:24	298-02-2	J(M1)
Surrogates									
4-Chloro3nitrobenzotrifluoride	69 %		34.2-122		1	11/22/11 17:45	11/26/11 20:24		
Chlorinated Herbicides Analytical Method: EPA 8151 Preparation Method: EPA 8151									
2,4-D	0.21U	ug/L	0.90	0.21	1	11/21/11 18:00	11/22/11 23:18	94-75-7	
Dinoseb	0.054U	ug/L	0.18	0.054	1	11/21/11 18:00	11/22/11 23:18	88-85-7	
Pentachlorophenol	0.016U	ug/L	0.027	0.016	1	11/21/11 18:00	11/22/11 23:18	87-86-5	
2,4,5-T	0.040U	ug/L	0.18	0.040	1	11/21/11 18:00	11/22/11 23:18	93-76-5	
2,4,5-TP (Silvex)	0.047U	ug/L	0.18	0.047	1	11/21/11 18:00	11/22/11 23:18	93-72-1	
Surrogates									
2,4-DCPA (S)	3 %		42-142		1	11/21/11 18:00	11/22/11 23:18	19719-28-9	1p. J(S5)
Analytical Method: EPA 8141 Preparation Method: EPA 3510									
Surrogates									
4-Chloro3nitrobenzotrifluoride	69 %		34.2-122		1	11/22/11 17:45	11/26/11 20:24		
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Arsenic	54.2	ug/L	10.0	5.0	1	11/21/11 12:12	11/22/11 20:15	7440-38-2	
Barium	45.8	ug/L	10.0	5.0	1	11/21/11 12:12	11/22/11 20:15	7440-39-3	
Beryllium	0.521	ug/L	1.0	0.50	1	11/21/11 12:12	11/22/11 20:15	7440-41-7	
Cadmium	0.50U	ug/L	1.0	0.50	1	11/21/11 12:12	11/22/11 20:15	7440-43-9	
Chromium	94.5	ug/L	5.0	2.5	1	11/21/11 12:12	11/22/11 20:15	7440-47-3	
Cobalt	17.5	ug/L	10.0	5.0	1	11/21/11 12:12	11/22/11 20:15	7440-48-4	
Copper	60.4	ug/L	5.0	2.5	1	11/21/11 12:12	11/22/11 20:15	7440-50-8	
Iron	1760	ug/L	40.0	20.0	1	11/21/11 12:12	11/22/11 20:15	7439-89-6	
Lead	7.91	ug/L	10.0	5.0	1	11/21/11 12:12	11/22/11 20:15	7439-92-1	
Nickel	71.2	ug/L	5.0	2.5	1	11/21/11 12:12	11/22/11 20:15	7440-02-0	
Selenium	7.5U	ug/L	15.0	7.5	1	11/21/11 12:12	11/22/11 20:15	7782-49-2	
Silver	2.5U	ug/L	5.0	2.5	1	11/21/11 12:12	11/22/11 20:15	7440-22-4	
Sodium	670	mg/L	10.0	5.0	10	11/21/11 12:12	11/22/11 20:19	7440-23-5	D4

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Tin	25.0U	ug/L	50.0	25.0	1	11/21/11 12:12	11/22/11 20:15	7440-31-5	
Vanadium	22.2	ug/L	10.0	5.0	1	11/21/11 12:12	11/23/11 07:24	7440-62-2	
Zinc	188	ug/L	20.0	10.0	1	11/21/11 12:12	11/22/11 20:15	7440-66-6	
6020 MET ICPMS		Analytical Method: EPA 6020 Preparation Method: EPA 3010							
Antimony	4.1	ug/L	1.0	0.50	1	11/21/11 12:12	11/22/11 12:13	7440-36-0	
Thallium	0.50U	ug/L	1.0	0.50	1	11/21/11 12:12	11/22/11 12:13	7440-28-0	
7470 Mercury		Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	1.0	ug/L	0.20	0.10	1	11/19/11 07:00	11/21/11 10:47	7439-97-6	
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	8.5U	ug/L	236	8.5	50	11/19/11 13:00	11/29/11 11:50	83-32-9	
Acenaphthylene	83.1U	ug/L	236	83.1	50	11/19/11 13:00	11/29/11 11:50	208-96-8	
Acetophenone	71.8U	ug/L	236	71.8	50	11/19/11 13:00	11/29/11 11:50	98-86-2	
2-Acetylaminofluorene	11.8U	ug/L	236	11.8	50	11/19/11 13:00	11/29/11 11:50	53-96-3	
4-Aminobiphenyl	9.0U	ug/L	236	9.0	50	11/19/11 13:00	11/29/11 11:50	92-67-1	
Anthracene	8.5U	ug/L	236	8.5	50	11/19/11 13:00	11/29/11 11:50	120-12-7	
Benzo(a)anthracene	85.9U	ug/L	236	85.9	50	11/19/11 13:00	11/29/11 11:50	56-55-3	
Benzo(a)pyrene	7.21	ug/L	47.2	6.6	50	11/19/11 13:00	11/29/11 11:50	50-32-8	
Benzo(b)fluoranthene	86.9U	ug/L	94.4	86.9	50	11/19/11 13:00	11/29/11 11:50	205-99-2	
Benzo(g,h,i)perylene	85.0U	ug/L	236	85.0	50	11/19/11 13:00	11/29/11 11:50	191-24-2	
Benzo(k)fluoranthene	5.2U	ug/L	189	5.2	50	11/19/11 13:00	11/29/11 11:50	207-08-9	
Benzyl alcohol	14.6U	ug/L	236	14.6	50	11/19/11 13:00	11/29/11 11:50	100-51-6	
4-Bromophenylphenyl ether	11.8U	ug/L	236	11.8	50	11/19/11 13:00	11/29/11 11:50	101-55-3	
Butylbenzylphthalate	93.9U	ug/L	236	93.9	50	11/19/11 13:00	11/29/11 11:50	85-68-7	
4-Chloro-3-methylphenol	14.2U	ug/L	944	14.2	50	11/19/11 13:00	11/29/11 11:50	59-50-7	
4-Chloroaniline	9.4U	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	106-47-8	
bis(2-Chloroethoxy)methane	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	111-91-1	
bis(2-Chloroethyl) ether	9.9U	ug/L	189	9.9	50	11/19/11 13:00	11/29/11 11:50	111-44-4	
bis(2-Chloroisopropyl) ether	12.3U	ug/L	236	12.3	50	11/19/11 13:00	11/29/11 11:50	108-60-1	
2-Chloronaphthalene	9.9U	ug/L	236	9.9	50	11/19/11 13:00	11/29/11 11:50	91-58-7	
2-Chlorophenol	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	95-57-8	
4-Chlorophenylphenyl ether	89.7U	ug/L	236	89.7	50	11/19/11 13:00	11/29/11 11:50	7005-72-3	
Chrysene	8.5U	ug/L	236	8.5	50	11/19/11 13:00	11/29/11 11:50	218-01-9	
Diallate	9.9U	ug/L	236	9.9	50	11/19/11 13:00	11/29/11 11:50	2303-16-4	
Dibenz(a,h)anthracene	85.9U	ug/L	94.4	85.9	50	11/19/11 13:00	11/29/11 11:50	53-70-3	
Dibenzofuran	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	132-64-9	
1,2-Dichlorobenzene	10.9U	ug/L	236	10.9	50	11/19/11 13:00	11/29/11 11:50	95-50-1	
1,3-Dichlorobenzene	69.9U	ug/L	236	69.9	50	11/19/11 13:00	11/29/11 11:50	541-73-1	
1,4-Dichlorobenzene	8.0U	ug/L	236	8.0	50	11/19/11 13:00	11/29/11 11:50	106-46-7	
3,3'-Dichlorobenzidine	9.4U	ug/L	472	9.4	50	11/19/11 13:00	11/29/11 11:50	91-94-1	
2,4-Dichlorophenol	9.0U	ug/L	94.4	9.0	50	11/19/11 13:00	11/29/11 11:50	120-83-2	
2,6-Dichlorophenol	10.9U	ug/L	189	10.9	50	11/19/11 13:00	11/29/11 11:50	87-85-0	
Diethylphthalate	9.4U	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	84-66-2	
P-Dimethylaminoazobenzene	14.2U	ug/L	236	14.2	50	11/19/11 13:00	11/29/11 11:50	60-11-7	

Date: 12/05/2011 01:56 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
7,12-Dimethylbenz(a)anthracene	6.1U	ug/L	236	6.1	50	11/19/11 13:00	11/29/11 11:50	57-97-6	
3,3'-Dimethylbenzidine	29.3U	ug/L	472	29.3	50	11/19/11 13:00	11/29/11 11:50	119-93-7	
2,4-Dimethylphenol	12.7U	ug/L	236	12.7	50	11/19/11 13:00	11/29/11 11:50	105-67-9	
a,a-Dimethylphenylethylamine	472U	ug/L	944	472	50	11/19/11 13:00	11/29/11 11:50	122-09-8	
Dimethylphthalate	42.1	ug/L	236	8.0	50	11/19/11 13:00	11/29/11 11:50	131-11-3	
Di-n-butylphthalate	8.5U	ug/L	236	8.5	50	11/19/11 13:00	11/29/11 11:50	84-74-2	
4,6-Dinitro-2-methylphenol	69.4U	ug/L	944	69.4	50	11/19/11 13:00	11/29/11 11:50	534-52-1	
1,3-Dinitrobenzene	15.1U	ug/L	378	15.1	50	11/19/11 13:00	11/29/11 11:50	99-65-0	
2,4-Dinitrophenol	52.4U	ug/L	944	52.4	50	11/19/11 13:00	11/29/11 11:50	51-28-5	
2,4-Dinitrotoluene	6.6U	ug/L	94.4	6.6	50	11/19/11 13:00	11/29/11 11:50	121-14-2	
2,6-Dinitrotoluene	913	ug/L	94.4	10.4	50	11/19/11 13:00	11/29/11 11:50	606-20-2	
Di-n-octylphthalate	8.5U	ug/L	236	8.5	50	11/19/11 13:00	11/29/11 11:50	117-84-0	
bis(2-Ethylhexyl)phthalate	45.8U	ug/L	236	45.8	50	11/19/11 13:00	11/29/11 11:50	117-81-7	
Ethyl methanesulfonate	10.9U	ug/L	236	10.9	50	11/19/11 13:00	11/29/11 11:50	62-50-0	
Fluoranthene	84.0U	ug/L	236	84.0	50	11/19/11 13:00	11/29/11 11:50	206-44-0	
Fluorene	82.1U	ug/L	236	82.1	50	11/19/11 13:00	11/29/11 11:50	86-73-7	
Hexachlorobenzene	9.0U	ug/L	47.2	9.0	50	11/19/11 13:00	11/29/11 11:50	118-74-1	
Hexachlorocyclopentadiene	51.5U	ug/L	236	51.5	50	11/19/11 13:00	11/29/11 11:50	77-47-4	
1,1-Dichloroethane	11.3U	ug/L	236	11.3	50	11/19/11 13:00	11/29/11 11:50	67-72-1	
Hexachloropropene	11.3U	ug/L	236	11.3	50	11/19/11 13:00	11/29/11 11:50	1888-71-7	
Indeno(1,2,3-cd)pyrene	86.9U	ug/L	94.4	86.9	50	11/19/11 13:00	11/29/11 11:50	193-39-5	
Isodrin	14.6U	ug/L	236	14.6	50	11/19/11 13:00	11/29/11 11:50	465-73-6	
Isophorone	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	78-59-1	
Isosafrole	7.1U	ug/L	236	7.1	50	11/19/11 13:00	11/29/11 11:50	120-58-1	
Kepone	236U	ug/L	944	236	50	11/19/11 13:00	11/29/11 11:50	143-50-0	
Methapyrilene	25.0U	ug/L	236	25.0	50	11/19/11 13:00	11/29/11 11:50	91-80-5	
3-Methylcholanthrene	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	56-49-5	
Methyl methanesulfonate	8.5U	ug/L	236	8.5	50	11/19/11 13:00	11/29/11 11:50	66-27-3	
2-Methylnaphthalene	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	91-57-6	
2-Methylphenol(o-Cresol)	59.5U	ug/L	236	59.5	50	11/19/11 13:00	11/29/11 11:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	184	ug/L	472	7.6	50	11/19/11 13:00	11/29/11 11:50		
1-Naphthylamine	13.7U	ug/L	236	13.7	50	11/19/11 13:00	11/29/11 11:50	134-32-7	
2-Naphthylamine	13.7U	ug/L	236	13.7	50	11/19/11 13:00	11/29/11 11:50	91-59-8	
Naphthalene	9.4U	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	91-20-3	
1,4-Naphthoquinone	88.3U	ug/L	236	88.3	50	11/19/11 13:00	11/29/11 11:50	130-15-4	
2-Nitroaniline	9.4U	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	88-74-4	
3-Nitroaniline	15.1U	ug/L	236	15.1	50	11/19/11 13:00	11/29/11 11:50	99-09-2	
4-Nitroaniline	87.3U	ug/L	189	87.3	50	11/19/11 13:00	11/29/11 11:50	100-01-6	
Nitrobenzene	19.4U	ug/L	189	19.4	50	11/19/11 13:00	11/29/11 11:50	98-95-3	
2-Nitrophenol	11.3U	ug/L	236	11.3	50	11/19/11 13:00	11/29/11 11:50	88-75-5	
4-Nitrophenol	36.8U	ug/L	944	36.8	50	11/19/11 13:00	11/29/11 11:50	100-02-7	
5-Nitro-o-toluidine	6.6U	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	99-55-8	
N-Nitrosodiethylamine	10.4U	ug/L	189	10.4	50	11/19/11 13:00	11/29/11 11:50	55-18-5	
N-Nitrosodimethylamine	6.6U	ug/L	94.4	6.6	50	11/19/11 13:00	11/29/11 11:50	62-75-9	
N-Nitroso-di-n-butylamine	10.4U	ug/L	189	10.4	50	11/19/11 13:00	11/29/11 11:50	924-16-3	
N-Nitroso-di-n-propylamine	12.3U	ug/L	189	12.3	50	11/19/11 13:00	11/29/11 11:50	621-64-7	

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II		Analytical Method: EPA 8270 Preparation Method: EPA 3510							
N-Nitrosodiphenylamine	6.1U	ug/L	236	6.1	50	11/19/11 13:00	11/29/11 11:50	86-30-6	
N-Nitrosomethylethylamine	16.0U	ug/L	236	16.0	50	11/19/11 13:00	11/29/11 11:50	10595-95-6	
N-Nitrosopiperidine	11.8U	ug/L	236	11.8	50	11/19/11 13:00	11/29/11 11:50	100-75-4	
N-Nitrosopyrrolidine	10.4U	ug/L	236	10.4	50	11/19/11 13:00	11/29/11 11:50	930-55-2	
O,O,O-Triethylphosphorothioate	12.3U	ug/L	236	12.3	50	11/19/11 13:00	11/29/11 11:50	126-68-1	
Pentachlorobenzene	9.4U	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	608-93-5	
Phenacetin	19.6 I	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	62-44-2	
Phenanthrene	6.1U	ug/L	236	6.1	50	11/19/11 13:00	11/29/11 11:50	85-01-8	
Phenol	106 I	ug/L	236	6.6	50	11/19/11 13:00	11/29/11 11:50	108-95-2	
p-Phenylenediamine	472U	ug/L	944	472	50	11/19/11 13:00	11/29/11 11:50	106-50-3	
Pronamide	9.4U	ug/L	236	9.4	50	11/19/11 13:00	11/29/11 11:50	23950-58-5	
Pyrene	81.7U	ug/L	236	81.7	50	11/19/11 13:00	11/29/11 11:50	129-00-0	
Safrole	10.9U	ug/L	236	10.9	50	11/19/11 13:00	11/29/11 11:50	94-59-7	
1,2,4,5-Tetrachlorobenzene	69.4U	ug/L	236	69.4	50	11/19/11 13:00	11/29/11 11:50	95-94-3	
2,3,4,6-Tetrachlorophenol	76.9U	ug/L	236	76.9	50	11/19/11 13:00	11/29/11 11:50	58-90-2	
Thionazin	12.7U	ug/L	236	12.7	50	11/19/11 13:00	11/29/11 11:50	297-97-2	
O-Toluidine	11.8U	ug/L	236	11.8	50	11/19/11 13:00	11/29/11 11:50	95-53-4	
2,4,5-Trichlorophenol	8.0U	ug/L	189	8.0	50	11/19/11 13:00	11/29/11 11:50	95-95-4	
2,4,6-Trichlorophenol	9.0U	ug/L	94.4	9.0	50	11/19/11 13:00	11/29/11 11:50	88-06-2	
1,3,5-Trinitrobenzene	9.0U	ug/L	236	9.0	50	11/19/11 13:00	11/29/11 11:50	99-35-4	
Surrogates									
Nitrobenzene-d5 (S)	71 %		10-110		50	11/19/11 13:00	11/29/11 11:50	4165-60-0	
2-Fluorobiphenyl (S)	65 %		18-110		50	11/19/11 13:00	11/29/11 11:50	321-60-8	
Terphenyl-d14 (S)	60 %		10-123		50	11/19/11 13:00	11/29/11 11:50	1718-51-0	
Phenol-d6 (S)	37 %		10-110		50	11/19/11 13:00	11/29/11 11:50	13127-88-3	
2-Fluorophenol (S)	47 %		18-110		50	11/19/11 13:00	11/29/11 11:50	367-12-4	
2,4,6-Tribromophenol (S)	77 %		10-110		50	11/19/11 13:00	11/29/11 11:50	118-79-6	
8260 MSV		Analytical Method: EPA 8260							
Acetone	79.7	ug/L	10.0	5.0	1		11/30/11 21:54	67-64-1	
Acetonitrile	37.9	ug/L	10.0	5.0	1		11/30/11 21:54	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/30/11 21:54	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	107-05-1	
Benzene	3.3	ug/L	1.0	0.50	1		11/30/11 21:54	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/30/11 21:54	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	74-83-9	
2-Butanone (MEK)	84.0	ug/L	10.0	5.0	1		11/30/11 21:54	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/30/11 21:54	74-87-3	

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	126-99-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/30/11 21:54	124-48-1	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-71-8	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-34-3	
1,2-Dichloroethane	0.78 l	ug/L	1.0	0.50	1		11/30/11 21:54	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-35-4	
cis-1,2-Dichloroethene	0.88 l	ug/L	1.0	0.50	1		11/30/11 21:54	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/30/11 21:54	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/30/11 21:54	10061-02-6	
Ethylbenzene	13.1	ug/L	1.0	0.50	1		11/30/11 21:54	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	97-63-2	
1,2-Dichloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/30/11 21:54	78-83-1	
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/30/11 21:54	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 21:54	107-12-0	
Styrene	0.68 l	ug/L	1.0	0.50	1		11/30/11 21:54	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/30/11 21:54	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	127-18-4	
Toluene	9.0	ug/L	1.0	0.50	1		11/30/11 21:54	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/30/11 21:54	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/30/11 21:54	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/30/11 21:54	75-01-4	
Xylene (Total)	21.8	ug/L	1.0	0.50	1		11/30/11 21:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103 %		70-114		1		11/30/11 21:54	460-00-4	
Dibromofluoromethane (S)	99 %		88-117		1		11/30/11 21:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	106 %		86-125		1		11/30/11 21:54	17060-07-0	
Toluene-d8 (S)	100 %		87-113		1		11/30/11 21:54	2037-26-5	

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: L-1 Lab ID: 3543582001 Collected: 11/18/11 10:10 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	1840	mg/L	25.0	25.0	5		11/23/11 12:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C								
Total Dissolved Solids	3170	mg/L	50.0	50.0	1		11/22/11 09:57		
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	10.8	mg/L	5.0	5.0	1		11/21/11 07:00	18496-25-8	
300.0 IC Anions	Analytical Method: EPA 300.0								
Nitrate as N	0.50U	mg/L	1.0	0.50	20		11/19/11 10:39	14797-55-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	700	mg/L	100	50.0	20		11/30/11 15:41	16887-00-6	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	319	mg/L	2.5	1.0	50		11/22/11 12:23	7664-41-7	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	0.013 I	mg/L	0.020	0.0020	1	11/21/11 06:38	11/22/11 07:05	57-12-5	

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: Trip blank (11/18/11) Lab ID: 3543582002 Collected: 11/18/11 08:00 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Acetone	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	67-64-1	
Acetonitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	75-05-8	
Acrolein	10.0U	ug/L	20.0	10.0	1		11/30/11 14:29	107-02-8	
Acrylonitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	107-13-1	
Allyl chloride	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	107-05-1	
Benzene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	71-43-2	
Bromochloromethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	74-97-5	
Bromodichloromethane	0.27U	ug/L	0.60	0.27	1		11/30/11 14:29	75-27-4	
Bromoform	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-25-2	
Bromomethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	74-83-9	
2-Butanone (MEK)	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	78-93-3	
Carbon disulfide	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	75-15-0	
Carbon tetrachloride	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	56-23-5	
Chlorobenzene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	108-90-7	
Chloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-00-3	
Chloroform	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	67-66-3	
Chloromethane	0.62U	ug/L	1.0	0.62	1		11/30/11 14:29	74-87-3	
Chloroprene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	126-99-8	
1,1-Dibromo-3-chloropropane	1.0U	ug/L	2.0	1.0	1		11/30/11 14:29	96-12-8	
Dibromochloromethane	0.26U	ug/L	0.50	0.26	1		11/30/11 14:29	124-48-1	
1,2-Dibromoethane (EDB)	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	106-93-4	
Dibromomethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	74-95-3	
trans-1,4-Dichloro-2-butene	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	110-57-6	
Dichlorodifluoromethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-71-8	
1,1-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-34-3	
1,2-Dichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	107-06-2	
1,1-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-35-4	
cis-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	156-59-2	
trans-1,2-Dichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	156-60-5	
1,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	78-87-5	
1,3-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	142-28-9	
2,2-Dichloropropane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	594-20-7	
1,1-Dichloropropene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	563-58-6	
cis-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/30/11 14:29	10061-01-5	
trans-1,3-Dichloropropene	0.25U	ug/L	0.50	0.25	1		11/30/11 14:29	10061-02-6	
Ethylbenzene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	100-41-4	
Ethyl methacrylate	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	97-63-2	
Hexachloro-1,3-butadiene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	87-68-3	
2-Hexanone	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	591-78-6	
Iodomethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	74-88-4	
Isobutyl Alcohol	10.0U	ug/L	20.0	10.0	1		11/30/11 14:29	78-83-1	
Methacrylonitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	126-98-7	
Methylene Chloride	2.5U	ug/L	5.0	2.5	1		11/30/11 14:29	75-09-2	
Methyl methacrylate	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	80-62-6	
4-Methyl-2-pentanone (MIBK)	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	108-10-1	
Propionitrile	5.0U	ug/L	10.0	5.0	1		11/30/11 14:29	107-12-0	

ANALYTICAL RESULTS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Sample: Trip blank (11/18/11) Lab ID: 3543582002 Collected: 11/18/11 08:00 Received: 11/18/11 14:52 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Styrene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	100-42-5	
1,1,1,2-Tetrachloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	630-20-6	
1,1,2,2-Tetrachloroethane	0.12U	ug/L	0.50	0.12	1		11/30/11 14:29	79-34-5	
Tetrachloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	127-18-4	
Toluene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	108-88-3	
1,2,4-Trichlorobenzene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	120-82-1	
1,1,1-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	71-55-6	
1,1,2-Trichloroethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	79-00-5	
Trichloroethene	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	79-01-6	
Trichlorofluoromethane	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-69-4	
1,2,3-Trichloropropane	0.36U	ug/L	0.50	0.36	1		11/30/11 14:29	96-18-4	
Vinyl acetate	1.0U	ug/L	2.0	1.0	1		11/30/11 14:29	108-05-4	
Vinyl chloride	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	75-01-4	
Xylene (Total)	0.50U	ug/L	1.0	0.50	1		11/30/11 14:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99 %		70-114		1		11/30/11 14:29	460-00-4	
Dibromofluoromethane (S)	98 %		88-117		1		11/30/11 14:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	102 %		86-125		1		11/30/11 14:29	17060-07-0	
Toluene-d8 (S)	99 %		87-113		1		11/30/11 14:29	2037-26-5	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: MERP/2273 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 3543582001

METHOD BLANK: 294805 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	0.10U	0.20	11/21/11 09:39	

LABORATORY CONTROL SAMPLE: 294806

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294807 294808

Parameter	Units	3543317001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
			Spike Conc.	Spike Conc.								
Mercury	ug/L	0.10U	2	2	2.0	2.0	101	100	80-120	1	20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: MPRP/6518 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 3543582001

METHOD BLANK: 295214 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	11/22/11 18:42	
Barium	ug/L	5.0U	10.0	11/22/11 18:42	
Beryllium	ug/L	0.50U	1.0	11/22/11 18:42	
Cadmium	ug/L	0.50U	1.0	11/22/11 18:42	
Chromium	ug/L	2.5U	5.0	11/22/11 18:42	
Cobalt	ug/L	5.0U	10.0	11/22/11 18:42	
Copper	ug/L	2.5U	5.0	11/22/11 18:42	
Iron	ug/L	20.0U	40.0	11/22/11 18:42	
Lead	ug/L	5.0U	10.0	11/22/11 18:42	
Nickel	ug/L	2.5U	5.0	11/22/11 18:42	
Selenium	ug/L	7.5U	15.0	11/22/11 18:42	
Silver	ug/L	2.5U	5.0	11/22/11 18:42	
Sodium	mg/L	0.50U	1.0	11/22/11 18:42	
Tin	ug/L	25.0U	50.0	11/22/11 18:42	
Vanadium	ug/L	5.0U	10.0	11/22/11 18:42	
Zinc	ug/L	10.0U	20.0	11/22/11 18:42	

LABORATORY CONTROL SAMPLE: 295215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	251	100	80-120	
Barium	ug/L	250	263	105	80-120	
Beryllium	ug/L	25	25.6	103	80-120	
Cadmium	ug/L	25	26.1	104	80-120	
Chromium	ug/L	250	273	109	80-120	
Cobalt	ug/L	250	272	109	80-120	
Copper	ug/L	250	264	106	80-120	
Iron	ug/L	2500	2390	95	80-120	
Lead	ug/L	250	238	95	80-120	
Nickel	ug/L	250	270	108	80-120	
Selenium	ug/L	250	264	106	80-120	
Silver	ug/L	25	26.5	106	80-120	
Sodium	mg/L	12.5	14.3	114	80-120	
Tin	ug/L	1250	1320	106	80-120	
Vanadium	ug/L	250	272	109	80-120	
Zinc	ug/L	1250	1330	107	80-120	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Parameter	Units	295216		295217		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		3543603002 Result	MS Spike Conc.	MSD Spike Conc.								
Arsenic	ug/L	5.0U	250	250	265	268	105	106	75-125	1	20	
Barium	ug/L	199	250	250	454	468	102	108	75-125	3	20	
Beryllium	ug/L	0.50U	25	25	25.2	26.3	99	103	75-125	4	20	
Cadmium	ug/L	0.50U	25	25	24.6	25.1	98	100	75-125	2	20	
Chromium	ug/L	21.1	250	250	278	291	103	108	75-125	4	20	
Cobalt	ug/L	5.0U	250	250	263	267	104	105	75-125	1	20	
Copper	ug/L	2.5U	250	250	265	278	106	111	75-125	5	20	
Iron	ug/L	3640	2500	2500	6380	6480	109	114	75-125	2	20	
Lead	ug/L	5.0U	250	250	246	251	97	99	75-125	2	20	
Nickel	ug/L	2.5U	250	250	256	260	101	103	75-125	2	20	
Selenium	ug/L	7.5U	250	250	234	236	92	93	75-125	1	20	
Silver	ug/L	2.5U	25	25	25.0	26.4	100	106	75-125	5	20	
Sodium	mg/L	355	12.5	12.5	371	378	127	182	75-125	2	20	J(M1)
Tin	ug/L	25.0U	1250	1250	1250	1280	100	102	75-125	2	20	
Vanadium	ug/L	8.2 I	250	250	278	289	108	112	75-125	4	20	
Zinc	ug/L	10.0U	1250	1250	1330	1350	106	108	75-125	1	20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: MPRP/6519 Analysis Method: EPA 6020
QC Batch Method: EPA 3010 Analysis Description: 6020 MET
Associated Lab Samples: 3543582001

METHOD BLANK: 295218 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	0.50U	1.0	11/22/11 11:22	
Thallium	ug/L	0.50U	1.0	11/22/11 11:22	

LABORATORY CONTROL SAMPLE: 295219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	50	46.5	93	90-110	
Thallium	ug/L	50	48.3	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 295220 295221

Parameter	Units	3543603006		MS	MSD	MS	MSD	MS	MSD	% Rec Limits	Max RPD	Min RPD	Q
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Antimony	ug/L	0.50U	50	50	50.8	51.2	102	102	70-130	.7	20		
Thallium	ug/L	0.50U	50	50	52.5	52.4	105	105	70-130	.1	20		

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: MSV/4226 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 3543582001, 3543582002

METHOD BLANK: 299097 Matrix: Water
Associated Lab Samples: 3543582001, 3543582002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	0.50U	1.0	11/30/11 12:01	
1,1,1-Trichloroethane	ug/L	0.50U	1.0	11/30/11 12:01	
1,1,1,2,2-Tetrachloroethane	ug/L	0.12U	0.50	11/30/11 12:01	
1,1,2-Trichloroethane	ug/L	0.50U	1.0	11/30/11 12:01	
1,1-Dichloroethane	ug/L	0.50U	1.0	11/30/11 12:01	
1,1-Dichloroethene	ug/L	0.50U	1.0	11/30/11 12:01	
1,1-Dichloropropene	ug/L	0.50U	1.0	11/30/11 12:01	
1,2,3-Trichloropropane	ug/L	0.36U	0.50	11/30/11 12:01	
1,2,4-Trichlorobenzene	ug/L	0.50U	1.0	11/30/11 12:01	
1,2-Dibromo-3-chloropropane	ug/L	1.0U	2.0	11/30/11 12:01	
1,2-Dibromoethane (EDB)	ug/L	0.50U	1.0	11/30/11 12:01	
1,2-Dichloroethane	ug/L	0.50U	1.0	11/30/11 12:01	
1,2-Dichloropropane	ug/L	0.50U	1.0	11/30/11 12:01	
1,3-Dichloropropane	ug/L	0.50U	1.0	11/30/11 12:01	
Dichloropropane	ug/L	0.50U	1.0	11/30/11 12:01	
acetone (MEK)	ug/L	5.0U	10.0	11/30/11 12:01	
2-Hexanone	ug/L	5.0U	10.0	11/30/11 12:01	
4-Methyl-2-pentanone (MIBK)	ug/L	5.0U	10.0	11/30/11 12:01	
Acetone	ug/L	5.0U	10.0	11/30/11 12:01	
Acetonitrile	ug/L	5.0U	10.0	11/30/11 12:01	
Acrolein	ug/L	10.0U	20.0	11/30/11 12:01	
Acrylonitrile	ug/L	5.0U	10.0	11/30/11 12:01	
Allyl chloride	ug/L	0.50U	1.0	11/30/11 12:01	
Benzene	ug/L	0.50U	1.0	11/30/11 12:01	
Bromochloromethane	ug/L	0.50U	1.0	11/30/11 12:01	
Bromodichloromethane	ug/L	0.27U	0.60	11/30/11 12:01	
Bromoform	ug/L	0.50U	1.0	11/30/11 12:01	
Bromomethane	ug/L	0.50U	1.0	11/30/11 12:01	
Carbon disulfide	ug/L	5.0U	10.0	11/30/11 12:01	
Carbon tetrachloride	ug/L	0.50U	1.0	11/30/11 12:01	
Chlorobenzene	ug/L	0.50U	1.0	11/30/11 12:01	
Chloroethane	ug/L	0.50U	1.0	11/30/11 12:01	
Chloroform	ug/L	0.50U	1.0	11/30/11 12:01	
Chloromethane	ug/L	0.62U	1.0	11/30/11 12:01	
Chloroprene	ug/L	0.50U	1.0	11/30/11 12:01	
cis-1,2-Dichloroethene	ug/L	0.50U	1.0	11/30/11 12:01	
cis-1,3-Dichloropropene	ug/L	0.25U	0.50	11/30/11 12:01	
Dibromochloromethane	ug/L	0.26U	0.50	11/30/11 12:01	
Dibromomethane	ug/L	0.50U	1.0	11/30/11 12:01	
Dichlorodifluoromethane	ug/L	0.50U	1.0	11/30/11 12:01	
Ethyl methacrylate	ug/L	0.50U	1.0	11/30/11 12:01	
Ethylbenzene	ug/L	0.50U	1.0	11/30/11 12:01	
Hexachloro-1,3-butadiene	ug/L	0.50U	1.0	11/30/11 12:01	

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

METHOD BLANK: 299097 Matrix: Water

Associated Lab Samples: 3543582001, 3543582002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iodomethane	ug/L	0.50U	1.0	11/30/11 12:01	
Isobutyl Alcohol	ug/L	10.0U	20.0	11/30/11 12:01	
Methacrylonitrile	ug/L	5.0U	10.0	11/30/11 12:01	
Methyl methacrylate	ug/L	5.0U	10.0	11/30/11 12:01	
Methylene Chloride	ug/L	2.5U	5.0	11/30/11 12:01	
Propionitrile	ug/L	5.0U	10.0	11/30/11 12:01	
Styrene	ug/L	0.50U	1.0	11/30/11 12:01	
Tetrachloroethene	ug/L	0.50U	1.0	11/30/11 12:01	
Toluene	ug/L	0.50U	1.0	11/30/11 12:01	
trans-1,2-Dichloroethene	ug/L	0.50U	1.0	11/30/11 12:01	
trans-1,3-Dichloropropene	ug/L	0.25U	0.50	11/30/11 12:01	
trans-1,4-Dichloro-2-butene	ug/L	5.0U	10.0	11/30/11 12:01	
Trichloroethene	ug/L	0.50U	1.0	11/30/11 12:01	
Trichlorofluoromethane	ug/L	0.50U	1.0	11/30/11 12:01	
Vinyl acetate	ug/L	1.0U	2.0	11/30/11 12:01	
Vinyl chloride	ug/L	0.50U	1.0	11/30/11 12:01	
Xylene (Total)	ug/L	0.50U	1.0	11/30/11 12:01	
1,2-Dichloroethane-d4 (S)	%	103	86-125	11/30/11 12:01	
4-Bromofluorobenzene (S)	%	97	70-114	11/30/11 12:01	
Dibromofluoromethane (S)	%	96	88-117	11/30/11 12:01	
Toluene-d8 (S)	%	100	87-113	11/30/11 12:01	

LABORATORY CONTROL SAMPLE: 299098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.5	93	70-130	
1,1,1-Trichloroethane	ug/L	20	17.7	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	18.7	93	70-130	
1,1,2-Trichloroethane	ug/L	20	18.3	91	70-130	
1,1-Dichloroethane	ug/L	20	18.2	91	70-130	
1,1-Dichloroethene	ug/L	20	19.3	96	70-130	
1,1-Dichloropropene	ug/L	20	17.3	87	70-130	
1,2,3-Trichloropropane	ug/L	20	18.6	93	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.9	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.6	103	64-130	
1,2-Dibromoethane (EDB)	ug/L	20	18.1	90	70-130	
1,2-Dichloroethane	ug/L	20	18.8	94	70-130	
1,2-Dichloropropane	ug/L	20	18.0	90	70-130	
1,3-Dichloropropane	ug/L	20	18.2	91	70-130	
2,2-Dichloropropane	ug/L	20	17.9	90	70-131	
2-Butanone (MEK)	ug/L	20	19.6	98	55-167	
2-Hexanone	ug/L	20	19.5	98	65-130	
4-Methyl-2-pentanone (MIBK)	ug/L	20	18.6	93	70-130	
Acetone	ug/L	20	21.1	105	40-150	
Acetonitrile	ug/L	200	192	96	63-138	

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

LABORATORY CONTROL SAMPLE: 299098

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acrolein	ug/L	200	197	99	44-170	
Acrylonitrile	ug/L	200	188	94	70-130	
Allyl chloride	ug/L	20	17.4	87	70-130	
Benzene	ug/L	20	17.7	89	70-130	
Bromochloromethane	ug/L	20	18.5	92	70-130	
Bromodichloromethane	ug/L	20	17.0	85	70-130	
Bromoform	ug/L	20	17.2	86	68-130	
Bromomethane	ug/L	20	17.8	89	38-179	
Carbon disulfide	ug/L	20	15.8	79	51-155	
Carbon tetrachloride	ug/L	20	17.4	87	70-130	
Chlorobenzene	ug/L	20	18.0	90	70-130	
Chloroethane	ug/L	20	21.3	106	59-149	
Chloroform	ug/L	20	16.7	84	70-130	
Chloromethane	ug/L	20	19.2	96	68-130	
Chloroprene	ug/L	20	14.9	74	70-130	
cis-1,2-Dichloroethene	ug/L	20	16.5	82	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.2	86	70-130	
Dibromochloromethane	ug/L	20	16.9	84	70-130	
Dibromomethane	ug/L	20	19.7	99	70-130	
Dichlorodifluoromethane	ug/L	20	20.8	104	67-130	
Methyl methacrylate	ug/L	20	19.1	96	70-130	
Ethylbenzene	ug/L	20	17.6	88	70-130	
Hexachloro-1,3-butadiene	ug/L	20	19.2	96	70-130	
Iodomethane	ug/L	20	17.4	87	43-160	
Isobutyl Alcohol	ug/L	400	412	103	66-135	
Methacrylonitrile	ug/L	200	182	91	70-130	
Methyl methacrylate	ug/L	20	18.7	93	70-130	
Methylene Chloride	ug/L	20	17.5	87	70-130	
Propionitrile	ug/L	200	180	90	70-130	
Styrene	ug/L	20	17.8	89	70-130	
Tetrachloroethene	ug/L	20	19.7	99	66-133	
Toluene	ug/L	20	17.6	88	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.0	85	70-130	
trans-1,3-Dichloropropene	ug/L	20	18.0	90	70-130	
trans-1,4-Dichloro-2-butene	ug/L	20	21.8	109	65-130	
Trichloroethene	ug/L	20	17.9	89	70-130	
Trichlorofluoromethane	ug/L	20	17.5	88	70-131	
Vinyl acetate	ug/L	20	17.3	86	69-135	
Vinyl chloride	ug/L	20	18.9	94	69-140	
Xylene (Total)	ug/L	60	52.0	87	70-130	
1,2-Dichloroethane-d4 (S)	%			98	86-125	
4-Bromofluorobenzene (S)	%			100	70-114	
Dibromofluoromethane (S)	%			97	88-117	
Toluene-d8 (S)	%			102	87-113	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Parameter	Units	299189		299190		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		3543716004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,1,1,2-Tetrachloroethane	ug/L		20	20	18.6	17.0	93	85	39-130	9	40	
1,1,1-Trichloroethane	ug/L		20	20	21.2	18.4	106	92	47-141	15	40	
1,1,2,2-Tetrachloroethane	ug/L		20	20	20.7	17.9	103	90	49-131	14	40	
1,1,2-Trichloroethane	ug/L		20	20	23.0	21.1	115	105	50-130	9	40	
1,1-Dichloroethane	ug/L		20	20	21.3	18.0	107	90	54-137	17	40	
1,1-Dichloroethene	ug/L		20	20	21.9	18.5	109	92	45-155	17	40	
1,1-Dichloropropene	ug/L		20	20	17.5	17.0	88	85	61-141	3	40	
1,2,3-Trichloropropane	ug/L		20	20	19.8	17.6	99	88	31-132	12	40	
1,2,4-Trichlorobenzene	ug/L		20	20	16.0	15.7	80	79	34-138	2	40	
1,2-Dibromo-3-chloropropane	ug/L		20	20	20.4	18.6	102	93	37-130	9	40	
1,2-Dibromoethane (EDB)	ug/L		20	20	19.3	17.4	97	87	51-132	11	40	
1,2-Dichloroethane	ug/L		20	20	21.4	18.1	107	90	54-130	17	40	
1,2-Dichloropropane	ug/L		20	20	20.1	17.5	100	88	53-130	14	40	
1,3-Dichloropropane	ug/L		20	20	19.5	17.4	97	87	59-127	11	40	
2,2-Dichloropropane	ug/L		20	20	19.5	16.6	98	83	24-133	16	40	
2-Butanone (MEK)	ug/L		20	20	36.8	36.0	184	180	48-138	2	40	J(M1)
2-Hexanone	ug/L		20	20	21.4	21.6	107	108	38-130	.9	40	
4-Methyl-2-pentanone (MIBK)	ug/L		20	20	23.4	23.7	117	119	28-143	1	40	
Acetone	ug/L		20	20	18.5	17.0	92	85	20-140	8	40	
Acetonitrile	ug/L		200	200	205	192	102	96	44-138	7	40	
Acrolein	ug/L		200	200	179	178	90	89	20-159	.7	40	
Acrylonitrile	ug/L		200	200	175	185	88	93	46-130	6	40	
Allyl chloride	ug/L		20	20	20.4	21.0	102	105	53-148	3	40	
Benzene	ug/L	0.50U	20	20	19.8	17.6	98	87	53-132	12	40	
Bromochloromethane	ug/L		20	20	22.0	18.5	110	93	54-132	17	40	
Bromodichloromethane	ug/L		20	20	18.2	15.6	91	78	46-130	15	40	
Bromoform	ug/L		20	20	15.5	14.6	77	73	32-130	6	40	
Bromomethane	ug/L		20	20	17.0	14.4	85	72	20-152	17	40	
Carbon disulfide	ug/L		20	20	16.8	18.8	84	94	28-184	11	40	
Carbon tetrachloride	ug/L		20	20	19.4	17.5	97	87	37-137	10	40	
Chlorobenzene	ug/L		20	20	17.7	16.5	89	82	46-130	7	40	
Chloroethane	ug/L		20	20	26.6	23.8	133	119	48-159	11	40	
Chloroform	ug/L		20	20	20.2	17.2	101	86	51-130	16	40	
Chloromethane	ug/L		20	20	22.2	19.7	111	98	39-144	12	40	
Chloroprene	ug/L		20	20	16.3	18.1	82	90	39-157	10	40	
cis-1,2-Dichloroethene	ug/L		20	20	21.2	18.5	106	93	54-130	14	40	
cis-1,3-Dichloropropene	ug/L		20	20	17.5	15.5	87	77	45-130	12	40	
Dibromochloromethane	ug/L		20	20	16.2	15.2	81	76	43-130	6	40	
Dibromomethane	ug/L		20	20	21.3	18.9	107	94	50-130	12	40	
Dichlorodifluoromethane	ug/L		20	20	17.1	18.3	86	92	38-151	7	40	
Ethyl methacrylate	ug/L		20	20	26.8	26.9	134	134	45-132	.2	40	J(M1)
Ethylbenzene	ug/L	0.50U	20	20	17.4	16.4	86	81	43-130	6	40	
Hexachloro-1,3-butadiene	ug/L		20	20	12.0	13.4	60	67	35-136	10	40	
Iodomethane	ug/L		20	20	16.7	17.2	83	86	20-169	3	40	
Isobutyl Alcohol	ug/L		400	400	460	442	115	111	20-175	4	40	
Methacrylonitrile	ug/L		200	200	223	212	112	106	50-149	5	40	
Methyl methacrylate	ug/L		20	20	21.4	21.6	107	108	48-130	1	40	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Parameter	Units	3543716004		299189		299190		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Methylene Chloride	ug/L		20	20	20.0	16.9	100	85	51-135	17	40		
Propionitrile	ug/L		200	200	212	195	106	97	54-130	8	40		
Styrene	ug/L		20	20	17.3	16.1	86	80	40-130	7	40		
Tetrachloroethene	ug/L		20	20	13.9	15.5	70	77	26-130	11	40		
Toluene	ug/L	0.50U	20	20	17.7	16.7	89	83	50-130	6	40		
trans-1,2-Dichloroethene	ug/L		20	20	18.7	16.7	94	83	48-142	12	40		
trans-1,3-Dichloropropene	ug/L		20	20	17.5	15.4	87	77	45-130	12	40		
trans-1,4-Dichloro-2-butene	ug/L		20	20	17.7	17.5	89	88	20-139	1	40		
Trichloroethene	ug/L		20	20	17.8	16.8	89	84	42-133	6	40		
Trichlorofluoromethane	ug/L		20	20	20.6	19.8	103	99	46-146	4	40		
Vinyl acetate	ug/L		20	20	18.0	17.4	90	87	20-165	4	40		
Vinyl chloride	ug/L		20	20	22.8	20.3	114	102	57-142	11	40		
Xylene (Total)	ug/L	0.53 I	60	60	51.8	48.2	85	79	42-130	7	40		
1,2-Dichloroethane-d4 (S)	%						107	97	86-125				
4-Bromofluorobenzene (S)	%						99	101	70-114				
Dibromofluoromethane (S)	%						105	104	88-117				
Toluene-d8 (S)	%						104	102	87-113				

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6548 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: 8011.EDB DBCP
Associated Lab Samples: 3543582001

METHOD BLANK: 296237 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	0.0049U	0.020	11/28/11 15:37	
1,2-Dibromoethane (EDB)	ug/L	0.0062U	0.010	11/28/11 15:37	

LABORATORY CONTROL SAMPLE: 296238

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	.25	0.22	86	60-140	
1,2-Dibromoethane (EDB)	ug/L	.25	0.23	93	60-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 296869 296870

Parameter	Units	3543639003		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Min RPD	Qualifiers
		Result	Conc.										
1,2-Dibromo-3-chloropropane	ug/L	0.0049 U	.44	.44	0.39	0.39	90	90	60-140	.1	40		
1,2-Dibromoethane (EDB)	ug/L	0.0062 U	.44	.44	0.42	0.43	97	98	60-140	1	40		

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6509 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 3543582001

METHOD BLANK: 294456 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	0.0019U	0.010	11/22/11 14:28	
4,4'-DDE	ug/L	0.00090U	0.010	11/22/11 14:28	
4,4'-DDT	ug/L	0.0036U	0.010	11/22/11 14:28	
Aldrin	ug/L	0.00050U	0.010	11/22/11 14:28	
alpha-BHC	ug/L	0.00030U	0.010	11/22/11 14:28	
beta-BHC	ug/L	0.00050U	0.010	11/22/11 14:28	
Chlordane (Technical)	ug/L	0.080U	0.50	11/22/11 14:28	
Chlorobenzilate	ug/L	0.021U	0.10	11/22/11 14:28	
delta-BHC	ug/L	0.00040U	0.010	11/22/11 14:28	
Dieldrin	ug/L	0.00050U	0.010	11/22/11 14:28	
Endosulfan I	ug/L	0.00070U	0.010	11/22/11 14:28	
Endosulfan II	ug/L	0.00070U	0.010	11/22/11 14:28	
Endosulfan sulfate	ug/L	0.00060U	0.010	11/22/11 14:28	
Endrin	ug/L	0.0017U	0.010	11/22/11 14:28	
Endrin aldehyde	ug/L	0.0071U	0.010	11/22/11 14:28	
gamma-BHC (Lindane)	ug/L	0.00020U	0.010	11/22/11 14:28	
Heptachlor	ug/L	0.0015U	0.010	11/22/11 14:28	
Heptachlor epoxide	ug/L	0.00040U	0.010	11/22/11 14:28	
Methoxychlor	ug/L	0.0070U	0.010	11/22/11 14:28	
Pentachloronitrobenzene	ug/L	0.015U	0.10	11/22/11 14:28	
Toxaphene	ug/L	0.28U	0.50	11/22/11 14:28	
Decachlorobiphenyl (S)	%	96	41.7-109.1	11/22/11 14:28	
Tetrachloro-m-xylene (S)	%	85	66.5-120.3	11/22/11 14:28	

LABORATORY CONTROL SAMPLE & LCSD: 294457 295006

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
4,4'-DDD	ug/L	.5	0.53	0.53	105	106	74-122	.4	40	
4,4'-DDE	ug/L	.5	0.55	0.55	110	111	74-117	.9	40	
4,4'-DDT	ug/L	.5	0.51	0.52	102	104	81-117	2	40	
Aldrin	ug/L	.5	0.49	0.49	98	97	56-112	.8	40	
alpha-BHC	ug/L	.5	0.47	0.46	94	93	66-110	2	40	
beta-BHC	ug/L	.5	0.54	0.53	107	105	77-121	2	40	
Chlordane (Technical)	ug/L		0.080U	0.080U						
Chlorobenzilate	ug/L	.5	0.021U	0.021U	0	0				
delta-BHC	ug/L	.5	0.45	0.44	91	88	46-108	3	40	
Dieldrin	ug/L	.5	0.55	0.55	110	109	76-122	.3	40	
Endosulfan I	ug/L	.5	0.53	0.53	105	106	75-122	.5	40	
Endosulfan II	ug/L	.5	0.55	0.54	111	108	75-126	3	40	
Endosulfan sulfate	ug/L	.5	0.45	0.44	90	89	74-118	1	40	
Endrin	ug/L	.5	0.56	0.56	112	113	71-122	.6	40	

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

LABORATORY CONTROL SAMPLE & LCSD:		294457	295006							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Endrin aldehyde	ug/L	.5	0.52	0.52	104	104	76-122	.3	40	
gamma-BHC (Lindane)	ug/L	.5	0.49	0.48	97	96	64-119	2	40	
Heptachlor	ug/L	.5	0.50	0.50	100	99	64-116	1	40	
Heptachlor epoxide	ug/L	.5	0.52	0.52	105	104	76-120	.3	40	
Methoxychlor	ug/L	.5	0.59	0.61	118	122	76-129	3	40	
Pentachloronitrobenzene	ug/L	.5	0.015U	0.015U	0	0				
Toxaphene	ug/L		0.28U	0.28U						
Decachlorobiphenyl (S)	%				98	94	41.7-109.			
Tetrachloro-m-xylene (S)	%				92	86	66.5-120.			

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6510 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 3543582001

METHOD BLANK: 294458 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	0.080U	0.50	11/22/11 15:04	
PCB-1221 (Aroclor 1221)	ug/L	0.081U	0.50	11/22/11 15:04	
PCB-1232 (Aroclor 1232)	ug/L	0.12U	0.50	11/22/11 15:04	
PCB-1242 (Aroclor 1242)	ug/L	0.13U	0.50	11/22/11 15:04	
PCB-1248 (Aroclor 1248)	ug/L	0.28U	0.50	11/22/11 15:04	
PCB-1254 (Aroclor 1254)	ug/L	0.14U	0.50	11/22/11 15:04	
PCB-1260 (Aroclor 1260)	ug/L	0.11U	0.50	11/22/11 15:04	
Decachlorobiphenyl (S)	%	91	63-121	11/22/11 15:04	
Tetrachloro-m-xylene (S)	%	70	48-111	11/22/11 15:04	

LABORATORY CONTROL SAMPLE & LCSD: 294459 295010

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	2.5	2.1	2.1	85	86	70-130	.5	40	
PCB-1221 (Aroclor 1221)	ug/L		0.081U	0.081U						
PCB-1232 (Aroclor 1232)	ug/L		0.12U	0.12U						
PCB-1242 (Aroclor 1242)	ug/L		0.13U	0.13U						
PCB-1248 (Aroclor 1248)	ug/L		0.28U	0.28U						
PCB-1254 (Aroclor 1254)	ug/L		0.14U	0.14U						
PCB-1260 (Aroclor 1260)	ug/L	2.5	2.5	2.4	99	98	70-130	1	40	
Decachlorobiphenyl (S)	%				92	85	63-121			
Tetrachloro-m-xylene (S)	%				74	74	48-111			

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6536 Analysis Method: EPA 8141
QC Batch Method: EPA 3510 Analysis Description: 8141 GCS, O/P Pesticides
Associated Lab Samples: 3543582001

METHOD BLANK: 295824 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dimethoate	ug/L	0.24U	0.50	11/26/11 19:13	
Disulfoton	ug/L	0.26U	0.50	11/26/11 19:13	
Famphur	ug/L	0.29U	0.50	11/26/11 19:13	
Methyl parathion	ug/L	0.27U	0.50	11/26/11 19:13	
Parathion (Ethyl parathion)	ug/L	0.47U	1.0	11/26/11 19:13	
Phorate	ug/L	0.42U	1.0	11/26/11 19:13	
4-Chloro3nitrobenzotrifluoride	%	88	34.2-122	11/26/11 19:13	

LABORATORY CONTROL SAMPLE: 295825

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dimethoate	ug/L	2	1.3	66	21-153	
Disulfoton	ug/L	2	1.2	62	36-137	
Famphur	ug/L	2	1.2	61	43-136	
Methyl parathion	ug/L	2	1.2	62	51-130	
Parathion (Ethyl parathion)	ug/L	4	2.5	62	46-130	
Phorate	ug/L	4	2.5	64	41-130	
4-Chloro3nitrobenzotrifluoride	%			95	34.2-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 296095 296096

Parameter	Units	3543582001		296096		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result				MSD Result	RPD		RPD
Dimethoate	ug/L	0.23U	4	4	1.8	1.7	44	42	64-130	5	40	J(M1)
Disulfoton	ug/L	0.24U	4	4	1.9	1.9	47	47	48-130	0	40	J(M1)
Famphur	ug/L	0.28U	4	4	1.3	1.4	34	34	53-141	1	40	J(M1)
Methyl parathion	ug/L	0.25U	4	4	1.9	1.4	48	36	10-152	28	40	
Parathion (Ethyl parathion)	ug/L	0.45U	8	8	2.8	2.8	35	36	54-130	.7	40	J(M1)
Phorate	ug/L	0.40U	8	8	3.2	3.1	40	39	44-130	2	40	J(M1)
4-Chloro3nitrobenzotrifluoride	%						69	66	34.2-122			

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6537 Analysis Method: EPA 8141
QC Batch Method: EPA 3510 Analysis Description: 8141 GCS, O/P Pesticides
Associated Lab Samples: 3543582001

METHOD BLANK: 295826 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dimethoate	ug/L	0.24U	0.50	11/26/11 18:02	
Disulfoton	ug/L	0.26U	0.50	11/26/11 18:02	
Famphur	ug/L	0.29U	0.50	11/26/11 18:02	
Methyl parathion	ug/L	0.27U	0.50	11/26/11 18:02	
Parathion (Ethyl parathion)	ug/L	0.47U	1.0	11/26/11 18:02	
Phorate	ug/L	0.42U	1.0	11/26/11 18:02	
4-Chloro3nitrobenzotrifluoride	%	88	34.2-122	11/26/11 18:02	

LABORATORY CONTROL SAMPLE: 295827

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dimethoate	ug/L	2	1.3	66	21-153	
Disulfoton	ug/L	2	1.2	62	36-137	
Famphur	ug/L	2	1.2	61	43-136	
Methyl parathion	ug/L	2	1.2	62	51-130	
Parathion (Ethyl parathion)	ug/L	4	2.5	62	46-130	
Phorate	ug/L	4	2.5	64	41-130	
4-Chloro3nitrobenzotrifluoride	%			95	34.2-122	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 296797 296798

Parameter	Units	3543582001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
		Result	Conc.	Spike Conc.	Spike Conc.						RPD	RPD	Qual
Dimethoate	ug/L	0.23U	4	4	1.8	1.7	44	42	64-130	5	40	J(M1)	
Disulfoton	ug/L	0.24U	4	4	1.9	1.9	47	47	48-130	0	40	J(M1)	
Famphur	ug/L	0.28U	4	4	1.3	1.4	34	34	53-141	1	40	J(M1)	
Methyl parathion	ug/L	0.25U	4	4	1.9	1.4	48	36	10-152	28	40		
Parathion (Ethyl parathion)	ug/L	0.45U	8	8	2.8	2.8	35	36	54-130	.7	40	J(M1)	
Phorate	ug/L	0.40U	8	8	3.2	3.1	40	39	44-130	2	40	J(M1)	
4-Chloro3nitrobenzotrifluoride	%						69	66	34.2-122				

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6519 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 3543582001

METHOD BLANK: 295014 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	0.042U	0.19	11/22/11 06:35	
2,4,5-TP (Silvex)	ug/L	0.049U	0.19	11/22/11 06:35	
2,4-D	ug/L	0.22U	0.94	11/22/11 06:35	
Dinoseb	ug/L	0.057U	0.19	11/22/11 06:35	
Pentachlorophenol	ug/L	0.017U	0.028	11/22/11 06:35	
2,4-DCPA (S)	%	86	42-142	11/22/11 06:35	

LABORATORY CONTROL SAMPLE: 295015

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.3	111	28-161	
2,4,5-TP (Silvex)	ug/L	1.2	1.4	117	27-170	
2,4-D	ug/L	6	8.7	145	23-163	
Dinoseb	ug/L	1.2	1.2	101	24-151	
Pentachlorophenol	ug/L	.18	0.23	126	29-143	
2,4-DCPA (S)	%			109	42-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 295050 295051

Parameter	Units	92106586003		MSD		MSD		% Rec		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
2,4,5-T	ug/L	ND	1.2	1.2	1.2	1.3	99	108	36-169	9	40		
2,4,5-TP (Silvex)	ug/L	ND	1.2	1.2	1.3	1.5	110	122	20-176	10	40		
2,4-D	ug/L	ND	6	6	6.2	6.7	104	112	17-167	8	40		
Dinoseb	ug/L	ND	1.2	1.2	1.2	1.1	99	89	10-163	10	40		
Pentachlorophenol	ug/L	ND	.18	.18	0.15	0.19	80	106	10-162	27	40		
2,4-DCPA (S)	%						103	115	42-142				

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: OEXT/6506 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV App II
Associated Lab Samples: 3543582001

METHOD BLANK: 294450 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	1.5U	5.0	11/28/11 11:53	
1,2-Dichlorobenzene	ug/L	0.23U	5.0	11/28/11 11:53	
1,3,5-Trinitrobenzene	ug/L	0.19U	5.0	11/28/11 11:53	
1,3-Dichlorobenzene	ug/L	1.5U	5.0	11/28/11 11:53	
1,3-Dinitrobenzene	ug/L	0.32U	8.0	11/28/11 11:53	
1,4-Dichlorobenzene	ug/L	0.17U	5.0	11/28/11 11:53	
1,4-Naphthoquinone	ug/L	1.9U	5.0	11/28/11 11:53	
1-Naphthylamine	ug/L	0.29U	5.0	11/28/11 11:53	
2,3,4,6-Tetrachlorophenol	ug/L	1.6U	5.0	11/28/11 11:53	
2,4,5-Trichlorophenol	ug/L	0.17U	4.0	11/28/11 11:53	
2,4,6-Trichlorophenol	ug/L	0.19U	2.0	11/28/11 11:53	
2,4-Dichlorophenol	ug/L	0.19U	2.0	11/28/11 11:53	
2,4-Dimethylphenol	ug/L	0.27U	5.0	11/28/11 11:53	
2,4-Dinitrophenol	ug/L	1.1U	20.0	11/28/11 11:53	
2,6-Dinitrotoluene	ug/L	0.14U	2.0	11/28/11 11:53	
2,6-Dichlorophenol	ug/L	0.23U	4.0	11/28/11 11:53	
2,6-Dinitrotoluene	ug/L	0.22U	2.0	11/28/11 11:53	
2-Acetylaminofluorene	ug/L	0.25U	5.0	11/28/11 11:53	
2-Chloronaphthalene	ug/L	0.21U	5.0	11/28/11 11:53	
2-Chlorophenol	ug/L	0.14U	5.0	11/28/11 11:53	
2-Methylnaphthalene	ug/L	0.14U	5.0	11/28/11 11:53	
2-Methylphenol(o-Cresol)	ug/L	1.3U	5.0	11/28/11 11:53	
2-Naphthylamine	ug/L	0.29U	5.0	11/28/11 11:53	
2-Nitroaniline	ug/L	0.20U	5.0	11/28/11 11:53	
2-Nitrophenol	ug/L	0.24U	5.0	11/28/11 11:53	
3&4-Methylphenol(m&p Cresol)	ug/L	0.16U	10.0	11/28/11 11:53	
3,3'-Dichlorobenzidine	ug/L	0.20U	10.0	11/28/11 11:53	
3,3'-Dimethylbenzidine	ug/L	0.62U	10.0	11/28/11 11:53	
3-Methylcholanthrene	ug/L	0.14U	5.0	11/28/11 11:53	
3-Nitroaniline	ug/L	0.32U	5.0	11/28/11 11:53	
4,6-Dinitro-2-methylphenol	ug/L	1.5U	20.0	11/28/11 11:53	
4-Aminobiphenyl	ug/L	0.19U	5.0	11/28/11 11:53	
4-Bromophenylphenyl ether	ug/L	0.25U	5.0	11/28/11 11:53	
4-Chloro-3-methylphenol	ug/L	0.30U	20.0	11/28/11 11:53	
4-Chloroaniline	ug/L	0.20U	5.0	11/28/11 11:53	
4-Chlorophenylphenyl ether	ug/L	1.9U	5.0	11/28/11 11:53	
4-Nitroaniline	ug/L	1.8U	4.0	11/28/11 11:53	
4-Nitrophenol	ug/L	0.78U	20.0	11/28/11 11:53	
5-Nitro-o-toluidine	ug/L	0.14U	5.0	11/28/11 11:53	
7,12-Dimethylbenz(a)anthracene	ug/L	0.13U	5.0	11/28/11 11:53	
a,a-Dimethylphenylethylamine	ug/L	10.0U	20.0	11/28/11 11:53	
Acenaphthene	ug/L	0.18U	5.0	11/28/11 11:53	
Acenaphthylene	ug/L	1.8U	5.0	11/28/11 11:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

METHOD BLANK: 294450

Matrix: Water

Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetophenone	ug/L	1.5U	5.0	11/28/11 11:53	
Anthracene	ug/L	0.18U	5.0	11/28/11 11:53	
Benzo(a)anthracene	ug/L	1.8U	5.0	11/28/11 11:53	
Benzo(a)pyrene	ug/L	0.14U	1.0	11/28/11 11:53	
Benzo(b)fluoranthene	ug/L	1.8U	2.0	11/28/11 11:53	
Benzo(g,h,i)perylene	ug/L	1.8U	5.0	11/28/11 11:53	
Benzo(k)fluoranthene	ug/L	0.11U	4.0	11/28/11 11:53	
Benzyl alcohol	ug/L	0.31U	5.0	11/28/11 11:53	
bis(2-Chloroethoxy)methane	ug/L	0.14U	5.0	11/28/11 11:53	
bis(2-Chloroethyl) ether	ug/L	0.21U	4.0	11/28/11 11:53	
bis(2-Chloroisopropyl) ether	ug/L	0.26U	5.0	11/28/11 11:53	
bis(2-Ethylhexyl)phthalate	ug/L	0.97U	5.0	11/28/11 11:53	
Butylbenzylphthalate	ug/L	2.0U	5.0	11/28/11 11:53	
Chrysene	ug/L	0.18U	5.0	11/28/11 11:53	
Di-n-butylphthalate	ug/L	0.18U	5.0	11/28/11 11:53	
Di-n-octylphthalate	ug/L	0.18U	5.0	11/28/11 11:53	
Diallate	ug/L	0.21U	5.0	11/28/11 11:53	
Dibenz(a,h)anthracene	ug/L	1.8U	2.0	11/28/11 11:53	
Dibenzofuran	ug/L	0.14U	5.0	11/28/11 11:53	
Diethylphthalate	ug/L	0.20U	5.0	11/28/11 11:53	
Dimethylphthalate	ug/L	0.17U	5.0	11/28/11 11:53	
Ethyl methanesulfonate	ug/L	0.23U	5.0	11/28/11 11:53	
Fluoranthene	ug/L	1.8U	5.0	11/28/11 11:53	
Fluorene	ug/L	1.7U	5.0	11/28/11 11:53	
Hexachlorobenzene	ug/L	0.19U	1.0	11/28/11 11:53	
Hexachlorocyclopentadiene	ug/L	1.1U	5.0	11/28/11 11:53	
Hexachloroethane	ug/L	0.24U	5.0	11/28/11 11:53	
Hexachloropropene	ug/L	0.24U	5.0	11/28/11 11:53	
Indeno(1,2,3-cd)pyrene	ug/L	1.8U	2.0	11/28/11 11:53	
Isodrin	ug/L	0.31U	5.0	11/28/11 11:53	
Isophorone	ug/L	0.14U	5.0	11/28/11 11:53	
Isosafrole	ug/L	0.15U	5.0	11/28/11 11:53	
Kepone	ug/L	5.0U	20.0	11/28/11 11:53	
Methapyrilene	ug/L	0.53U	5.0	11/28/11 11:53	
Methyl methanesulfonate	ug/L	0.18U	5.0	11/28/11 11:53	
N-Nitroso-di-n-butylamine	ug/L	0.22U	4.0	11/28/11 11:53	
N-Nitroso-di-n-propylamine	ug/L	0.26U	4.0	11/28/11 11:53	
N-Nitrosodiethylamine	ug/L	0.22U	4.0	11/28/11 11:53	
N-Nitrosodimethylamine	ug/L	0.14U	2.0	11/28/11 11:53	
N-Nitrosodiphenylamine	ug/L	0.13U	5.0	11/28/11 11:53	
N-Nitrosomethylethylamine	ug/L	0.34U	5.0	11/28/11 11:53	
N-Nitrosopiperidine	ug/L	0.25U	5.0	11/28/11 11:53	
N-Nitrosopyrrolidine	ug/L	0.22U	5.0	11/28/11 11:53	
Naphthalene	ug/L	0.20U	5.0	11/28/11 11:53	
Nitrobenzene	ug/L	0.41U	4.0	11/28/11 11:53	
O,O,O-Triethylphosphorothioate	ug/L	0.26U	5.0	11/28/11 11:53	
O-Toluidine	ug/L	0.25U	5.0	11/28/11 11:53	

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

METHOD BLANK: 294450 Matrix: Water

Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
P-Dimethylaminoazobenzene	ug/L	0.30U	5.0	11/28/11 11:53	
p-Phenylenediamine	ug/L	10.0U	20.0	11/28/11 11:53	
Pentachlorobenzene	ug/L	0.20U	5.0	11/28/11 11:53	
Phenacetin	ug/L	0.20U	5.0	11/28/11 11:53	
Phenanthrene	ug/L	0.13U	5.0	11/28/11 11:53	
Phenol	ug/L	0.14U	5.0	11/28/11 11:53	
Pronamide	ug/L	0.20U	5.0	11/28/11 11:53	
Pyrene	ug/L	1.7U	5.0	11/28/11 11:53	
Safrole	ug/L	0.23U	5.0	11/28/11 11:53	
Thionazin	ug/L	0.27U	5.0	11/28/11 11:53	
2,4,6-Tribromophenol (S)	%	82	10-110	11/28/11 11:53	
2-Fluorobiphenyl (S)	%	65	18-110	11/28/11 11:53	
2-Fluorophenol (S)	%	37	18-110	11/28/11 11:53	
Nitrobenzene-d5 (S)	%	65	10-110	11/28/11 11:53	
Phenol-d6 (S)	%	23	10-110	11/28/11 11:53	
Terphenyl-d14 (S)	%	74	10-123	11/28/11 11:53	

LABORATORY CONTROL SAMPLE: 294451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	32.3	65	48-110	
1,2-Dichlorobenzene	ug/L	50	29.0	58	32-129	
1,3,5-Trinitrobenzene	ug/L	50	49.8	100	48-128	
1,3-Dichlorobenzene	ug/L	50	28.4	57	10-172	
1,3-Dinitrobenzene	ug/L	50	39.6	79	57-112	
1,4-Dichlorobenzene	ug/L	50	28.2	56	43-110	
1,4-Naphthoquinone	ug/L	50	38.3	77	54-116	
1-Naphthylamine	ug/L	50	37.8	76	37-147	
2,3,4,6-Tetrachlorophenol	ug/L	50	40.4	81	59-117	
2,4,5-Trichlorophenol	ug/L	50	37.0	74	58-110	
2,4,6-Trichlorophenol	ug/L	50	35.3	71	57-110	
2,4-Dichlorophenol	ug/L	50	33.8	68	50-110	
2,4-Dimethylphenol	ug/L	50	30.8	62	50-110	
2,4-Dinitrophenol	ug/L	50	41.3	83	41-120	
2,4-Dinitrotoluene	ug/L	50	40.8	82	55-122	
2,6-Dichlorophenol	ug/L	50	32.8	66	51-110	
2,6-Dinitrotoluene	ug/L	50	37.1	74	61-111	
2-Acetylaminofluorene	ug/L	50	36.7	73	49-126	
2-Chloronaphthalene	ug/L	50	32.7	65	53-110	
2-Chlorophenol	ug/L	50	28.7	57	41-110	
2-Methylnaphthalene	ug/L	50	33.1	66	52-110	
2-Methylphenol(o-Cresol)	ug/L	50	25.9	52	44-110	
2-Naphthylamine	ug/L	50	34.3	69	38-112	
2-Nitroaniline	ug/L	50	38.6	77	58-110	
2-Nitrophenol	ug/L	50	33.3	67	49-110	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

LABORATORY CONTROL SAMPLE: 294451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3&4-Methylphenol(m&p Cresol)	ug/L	50	25.0	50	40-110	
3,3'-Dichlorobenzidine	ug/L	50	43.0	86	52-116	
3,3'-Dimethylbenzidine	ug/L	50	17.8	36	10-122	
3-Methylcholanthrene	ug/L	50	40.2	80	59-110	
3-Nitroaniline	ug/L	50	37.5	75	53-120	
4,6-Dinitro-2-methylphenol	ug/L	50	49.9	100	46-122	
4-Aminobiphenyl	ug/L	50	40.2	80	34-120	
4-Bromophenylphenyl ether	ug/L	50	41.1	82	64-110	
4-Chloro-3-methylphenol	ug/L	50	39.3	79	59-110	
4-Chloroaniline	ug/L	50	34.7	69	51-110	
4-Chlorophenylphenyl ether	ug/L	50	36.8	74	57-110	
4-Nitroaniline	ug/L	50	43.2	86	44-130	
4-Nitrophenol	ug/L	50	18.4	37	19-110	
5-Nitro-o-toluidine	ug/L	50	42.5	85	52-121	
7,12-Dimethylbenz(a)anthracene	ug/L	50	31.8	64	52-110	
Acenaphthene	ug/L	50	34.5	69	56-110	
Acenaphthylene	ug/L	50	35.4	71	55-110	
Acetophenone	ug/L	50	31.9	64	48-110	
Anthracene	ug/L	50	43.1	86	64-110	
Benzo(a)anthracene	ug/L	50	41.6	83	63-110	
Benzo(a)pyrene	ug/L	50	43.2	86	62-111	
Benzo(b)fluoranthene	ug/L	50	41.4	83	59-116	
Benzo(g,h,i)perylene	ug/L	50	44.7	89	57-115	
Benzo(k)fluoranthene	ug/L	50	42.4	85	61-115	
Benzyl alcohol	ug/L	50	27.4	55	46-110	
bis(2-Chloroethoxy)methane	ug/L	50	40.8	82	48-110	
bis(2-Chloroethyl) ether	ug/L	50	27.5	55	42-110	
bis(2-Chloroisopropyl) ether	ug/L	50	28.5	57	45-110	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.5	83	58-120	
Butylbenzylphthalate	ug/L	50	42.5	85	59-118	
Chrysene	ug/L	50	42.5	85	64-110	
Di-n-butylphthalate	ug/L	50	46.4	93	59-120	
Di-n-octylphthalate	ug/L	50	43.5	87	58-118	
Diallyl ether	ug/L	50	39.7	79	43-126	
Dibenz(a,h)anthracene	ug/L	50	44.9	90	59-116	
Dibenzofuran	ug/L	50	36.2	72	60-110	
Diethylphthalate	ug/L	50	41.2	82	57-121	
Dimethylphthalate	ug/L	50	39.1	78	62-114	
Ethyl methanesulfonate	ug/L	50	21.5	43	44-110	
Fluoranthene	ug/L	50	46.3	93	53-123	
Fluorene	ug/L	50	36.2	72	57-112	
Hexachlorobenzene	ug/L	50	39.9	80	63-110	
Hexachlorocyclopentadiene	ug/L	50	23.8	48	27-110	
Hexachloroethane	ug/L	50	28.1	56	41-110	
Hexachloropropene	ug/L	50	29.4	59	39-110	
Indeno(1,2,3-cd)pyrene	ug/L	50	43.5	87	59-116	
Isodrin	ug/L	50	43.4	87	63-113	
Isophorone	ug/L	50	35.1	70	53-110	

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

LABORATORY CONTROL SAMPLE: 294451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isosafrole	ug/L	50	33.2	66	47-110	
Methapyrilene	ug/L	50	38.7	77	10-129	
Methyl methanesulfonate	ug/L	50	21.8	44	36-110	
N-Nitroso-di-n-butylamine	ug/L	50	33.9	68	51-111	
N-Nitroso-di-n-propylamine	ug/L	50	31.3	63	43-110	
N-Nitrosodiethylamine	ug/L	50	28.9	58	41-110	
N-Nitrosodimethylamine	ug/L	50	19.7	39	22-110	
N-Nitrosodiphenylamine	ug/L	50	40.8	82	63-110	
N-Nitrosomethylethylamine	ug/L	50	30.0	60	39-110	
N-Nitrosopiperidine	ug/L	50	34.1	68	49-110	
N-Nitrosopyrrolidine	ug/L	50	32.0	64	34-110	
Naphthalene	ug/L	50	30.9	62	47-110	
Nitrobenzene	ug/L	50	31.3	63	43-110	
O,O,O-Triethylphosphorothioate	ug/L	50	33.9	68	52-110	
O-Toluidine	ug/L	50	32.1	64	48-110	
P-Dimethylaminoazobenzene	ug/L	50	46.1	92	41-153	
Pentachlorobenzene	ug/L	50	34.9	70	53-111	
Phenacetin	ug/L	50	48.7	97	50-127	
Phenanthrene	ug/L	50	43.0	86	65-110	
Phenol	ug/L	50	12.7	25	17-110	
Phenylamide	ug/L	50	46.4	93	59-125	
Pyrene	ug/L	50	38.5	77	52-122	
Safrole	ug/L	50	33.4	67	53-110	
Thionazin	ug/L	50	41.0	82	60-117	
2,4,6-Tribromophenol (S)	%			95	10-110	
2-Fluorobiphenyl (S)	%			67	18-110	
2-Fluorophenol (S)	%			41	18-110	
Nitrobenzene-d5 (S)	%			64	10-110	
Phenol-d6 (S)	%			28	10-110	
Terphenyl-d14 (S)	%			81	10-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 295224 295225

Parameter	Units	3543478003		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1,2,4,5-Tetrachlorobenzene	ug/L		100	100	54.7	62.7	55	63	26-111	14	40	
1,2-Dichlorobenzene	ug/L		100	100	48.3	53.7	48	54	21-110	11	40	
1,3,5-Trinitrobenzene	ug/L		100	100	12.7	28.4	13	28	10-167	76	40	
1,3-Dichlorobenzene	ug/L		100	100	47.2	54.2	47	54	17-110	14	40	
1,3-Dinitrobenzene	ug/L		100	100	52.1	65.4	52	65	42-115	23	40	
1,4-Dichlorobenzene	ug/L		100	100	47.6	54.6	48	55	22-110	14	40	
1,4-Naphthoquinone	ug/L		100	100	61.4	73.0	61	73	10-171	17	40	
1-Naphthylamine	ug/L		100	100	62.4	72.6	62	73	10-203	15	40	
2,3,4,6-Tetrachlorophenol	ug/L		100	100	57.6	72.5	58	73	10-154	23	40	
2,4,5-Trichlorophenol	ug/L		100	100	51.8	71.7	52	72	20-129	32	40	
2,4,6-Trichlorophenol	ug/L		100	100	57.5	66.7	57	67	12-136	15	40	
2,4-Dichlorophenol	ug/L		100	100	57.8	64.7	58	65	10-124	11	40	

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Parameter	3543478003		MS	MSD	295224		295225		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec							
2,4-Dimethylphenol	ug/L		100	100	54.3	63.2	54	63	10-146	15	40				
2,4-Dinitrophenol	ug/L		100	100	17.5	18.9	17	19	10-157		40				
2,4-Dinitrotoluene	ug/L		100	100	58.9	70.3	59	70	34-134	18	40				
2,6-Dichlorophenol	ug/L		100	100	52.9	60.5	53	60	10-127	13	40				
2,6-Dinitrotoluene	ug/L		100	100	55.2	66.1	55	66	43-116	18	40				
2-Acetylaminofluorene	ug/L		100	100	86.2	114	86	114	20-137	28	40				
2-Chloronaphthalene	ug/L		100	100	53.7	60.0	54	60	26-120	11	40				
2-Chlorophenol	ug/L		100	100	50.7	56.7	51	57	14-110	11	40				
2-Methylnaphthalene	ug/L		100	100	50.8	59.0	51	59	21-112	15	40				
2-Methylphenol(o-Cresol)	ug/L		100	100	55.8	62.7	56	63	10-126	12	40				
2-Naphthylamine	ug/L		100	100	52.5	59.6	52	60	10-154	13	40				
2-Nitroaniline	ug/L		100	100	65.7	77.1	66	77	10-138	16	40				
2-Nitrophenol	ug/L		100	100	28.9	36.9	29	37	10-124	25	40				
3&4-Methylphenol(m&p Cresol)	ug/L		100	100	49.6	55.8	50	56	10-125	12	40				
3,3'-Dichlorobenzidine	ug/L		100	100	74.0	83.9	74	84	10-146	13	40				
3,3'-Dimethylbenzidine	ug/L		100	100	55.4	36.7	55	37	10-155	41	40				
3-Methylcholanthrene	ug/L		100	100	61.8	79.3	62	79	22-133	25	40				
3-Nitroaniline	ug/L		100	100	68.3	82.7	68	83	10-163	19	40				
4,6-Dinitro-2-methylphenol	ug/L		100	100	9.5	11.3	10	11	10-169		40				
4-Aminobiphenyl	ug/L		100	100	68.3	80.1	68	80	10-161	16	40				
4-Bromophenylphenyl ether	ug/L		100	100	68.2	82.1	68	82	43-120	18	40				
4-Chloro-3-methylphenol	ug/L		100	100	62.0	73.6	62	74	10-158	17	40				
4-Chloroaniline	ug/L		100	100	58.0	67.1	58	67	10-139	15	40				
4-Chlorophenylphenyl ether	ug/L		100	100	61.2	70.5	61	71	40-115	14	40				
4-Nitroaniline	ug/L		100	100	79.9	96.0	80	96	10-180	18	40				
4-Nitrophenol	ug/L		100	100	42.5	55.2	42	55	10-126	26	40				
5-Nitro-o-toluidine	ug/L		100	100	70.2	86.8	70	87	10-147	21	40				
7,12-Dimethylbenz(a)anthracene	ug/L		100	100	48.9	62.0	49	62	40-112	23	40				
Acenaphthene	ug/L		100	100	56.5	64.7	56	65	30-114	14	40				
Acenaphthylene	ug/L		100	100	56.3	65.6	56	66	28-114	15	40				
Acetophenone	ug/L		100	100	49.8	58.6	50	58	13-129	16	40				
Anthracene	ug/L		100	100	71.6	86.5	72	86	43-116	19	40				
Benzo(a)anthracene	ug/L		100	100	65.9	79.5	66	79	41-123	19	40				
Benzo(a)pyrene	ug/L		100	100	68.9	87.6	69	88	28-129	24	40				
Benzo(b)fluoranthene	ug/L		100	100	67.6	87.2	68	87	46-119	25	40				
Benzo(g,h,i)perylene	ug/L		100	100	72.3	91.2	72	91	46-114	23	40				
Benzo(k)fluoranthene	ug/L		100	100	65.6	80.9	66	81	48-120	21	40				
Benzyl alcohol	ug/L		100	100	51.1	56.2	51	56	28-110	9	40				
bis(2-Chloroethoxy)methane	ug/L		100	100	65.6	66.6	66	67	19-122	2	40				
bis(2-Chloroethyl) ether	ug/L		100	100	31.2	36.3	31	36	10-122	15	40				
bis(2-Chloroisopropyl) ether	ug/L		100	100	50.3	56.2	50	56	10-125	11	40				
bis(2-Ethylhexyl)phthalate	ug/L		100	100	67.3	81.7	67	82	43-124	19	40				
Butylbenzylphthalate	ug/L		100	100	64.9	78.2	65	78	18-142	19	40				
Chrysene	ug/L		100	100	63.7	82.2	64	82	49-123	25	40				
Di-n-butylphthalate	ug/L		100	100	74.5	91.8	74	92	43-128	21	40				
Di-n-octylphthalate	ug/L		100	100	69.8	89.0	70	89	41-120	24	40				

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QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Parameter	Units	3543478003		295224		295225		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Diallate	ug/L		100	100	63.6	76.4	64	76	10-171	18	40			
Dibenz(a,h)anthracene	ug/L		100	100	73.6	92.4	74	92	44-121	23	40			
Dibenzofuran	ug/L		100	100	60.4	68.2	60	68	40-114	12	40			
Diethylphthalate	ug/L		100	100	65.4	78.5	65	78	41-129	18	40			
Dimethylphthalate	ug/L		100	100	62.7	76.4	63	76	30-130	20	40			
Ethyl methanesulfonate	ug/L		100	100	44.4	50.0	44	50	10-118	12	40			
Fluoranthene	ug/L		100	100	75.1	96.5	75	97	45-122	25	40			
Fluorene	ug/L		100	100	60.4	72.4	60	72	26-129	18	40			
Hexachlorobenzene	ug/L		100	100	67.1	79.8	67	80	45-120	17	40			
Hexachlorocyclopentadiene	ug/L		100	100	15.6	19.5	16	20	10-128	23	40			
Hexachloroethane	ug/L		100	100	42.7	50.2	43	50	10-119	16	40			
Hexachloropropene	ug/L		100	100	29.4	36.3	29	36	10-110	21	40			
Indeno(1,2,3-cd)pyrene	ug/L		100	100	72.9	93.0	73	93	46-117	24	40			
Isodrin	ug/L		100	100	68.8	86.3	69	86	10-151	23	40			
Isophorone	ug/L		100	100	54.7	63.0	55	63	22-126	14	40			
Isosafrole	ug/L		100	100	53.0	61.1	53	61	10-124	14	40			
Methapyrilene	ug/L		100	100	36.5	25.5	37	26	10-177	35	40			
Methyl methanesulfonate	ug/L		100	100	44.3	48.5	44	48	10-110	9	40			
N-Nitroso-di-n-butylamine	ug/L		100	100	53.9	60.6	54	61	10-152	12	40			
N-Nitroso-di-n-propylamine	ug/L		100	100	51.1	58.1	51	58	10-130	13	40			
N-Nitrosodiethylamine	ug/L		100	100	50.2	56.1	50	56	26-110	11	40			
N-Nitrosodimethylamine	ug/L		100	100	45.8	51.3	46	51	10-110	11	40			
N-Nitrosodiphenylamine	ug/L		100	100	68.6	80.8	69	81	11-142	16	40			
N-Nitrosomethylethylamine	ug/L		100	100	50.2	55.2	50	55	10-110	10	40			
N-Nitrosopiperidine	ug/L		100	100	54.3	62.5	54	62	16-119	14	40			
N-Nitrosopyrrolidine	ug/L		100	100	52.9	62.4	53	62	10-134	16	40			
Naphthalene	ug/L		100	100	50.1	58.9	50	59	10-120	16	40			
Nitrobenzene	ug/L		100	100	48.0	55.1	48	55	10-130	14	40			
O,O,O-Triethylphosphorothioate	ug/L		100	100	53.9	60.8	54	61	10-129	12	40			
O-Toluidine	ug/L		100	100	52.9	60.7	53	61	10-118	14	40			
P-Dimethylaminoazobenzene	ug/L		100	100	69.9	94.5	70	95	10-163	30	40			
Pentachlorobenzene	ug/L		100	100	57.0	68.0	57	68	42-113	18	40			
Phenacetin	ug/L		100	100	74.7	90.9	75	91	33-130	20	40			
Phenanthrene	ug/L		100	100	69.3	87.6	69	88	48-114	23	40			
Phenol	ug/L		100	100	31.1	36.2	31	36	10-110	15	40			
Pronamide	ug/L		100	100	72.9	88.3	73	88	45-129	19	40			
Pyrene	ug/L		100	100	61.3	74.8	61	75	42-123	20	40			
Safrole	ug/L		100	100	56.9	60.5	57	60	10-139	6	40			
Thionazin	ug/L		100	100	66.1	78.9	66	79	10-164	18	40			
2,4,6-Tribromophenol (S)	%						73	91	10-110					
2-Fluorobiphenyl (S)	%						54	61	18-110					
2-Fluorophenol (S)	%						42	49	18-110					
Nitrobenzene-d5 (S)	%						49	60	10-110					
Phenol-d6 (S)	%						34	39	10-110					
Terphenyl-d14 (S)	%						63	80	10-123					

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WET/11033 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 3543582001

METHOD BLANK: 296714 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	5.0U	5.0	11/23/11 11:54	

LABORATORY CONTROL SAMPLE: 296715

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	250	244	98	90-110	

SAMPLE DUPLICATE: 296716

Parameter	Units	3543283004 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	14.8	15.0	2	20	

SAMPLE DUPLICATE: 296717

Parameter	Units	3543848001 Result	Dup Result	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	5.0U	5.0U		20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WET/11008 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 3543582001

METHOD BLANK: 295836 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0U	5.0	11/22/11 09:51	

LABORATORY CONTROL SAMPLE: 295837

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	306	102	90-110	

SAMPLE DUPLICATE: 295838

Parameter	Units	3057904001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	136	135	.7	20	

SAMPLE DUPLICATE: 295839

Parameter	Units	3543540006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	268	270	.7	20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WET/10999 Analysis Method: EPA 9034
QC Batch Method: EPA 9034 Analysis Description: 9034 Sulfide Water
Associated Lab Samples: 3543582001

METHOD BLANK: 295226 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	1.0U	1.0	11/21/11 07:00	

LABORATORY CONTROL SAMPLE & LCSD: 295227 295228

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Sulfide	mg/L	6	5.6	5.5	93	92	80-120	1	20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WETA/13477 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543582001

METHOD BLANK: 294952 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate as N	mg/L	0.025U	0.050	11/19/11 10:02	

LABORATORY CONTROL SAMPLE: 294953

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate as N	mg/L	5	5.2	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294954 294955

Parameter	Units	3543603001 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Nitrate as N	mg/L	0.025U	5	5	5.0	5.0	100	100	90-110	.03	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294956 294957

Parameter	Units	3543603009 Result	MS	MSD	MS	MSD	MS	MSD	% Rec	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
Nitrate as N	mg/L	0.050U	10	10	10.2	10.1	102	101	90-110	.4	20

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WETA/13616 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 3543582001

METHOD BLANK: 298948 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	2.5U	5.0	11/29/11 18:45	

LABORATORY CONTROL SAMPLE: 298949

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 298950 298951

Parameter	Units	3543496001 Result	298950		298951		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
			MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Chloride	mg/L	127	50	50	183	183	111	111	111	111	90-110	.01	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 298952 298953

Parameter	Units	3544010014 Result	298952		298953		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
			MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Chloride	mg/L	18.9	50	50	71.9	71.9	106	106	106	106	90-110	.05	20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WETA/13516 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 3543582001

METHOD BLANK: 295780 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.050	11/22/11 11:55	

LABORATORY CONTROL SAMPLE: 295781

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

MATRIX SPIKE SAMPLE: 295783

Parameter	Units	3543458001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	1	1.0	100	90-110	

SAMPLE DUPLICATE: 295782

Parameter	Units	3543458001 Result	Dup Result	RPD	Max RPD	Qualifiers
Nitrogen, Ammonia	mg/L	0.020U	0.020U		20	

QUALITY CONTROL DATA

Project: Tomoka LF Leachate
Pace Project No.: 3543582

QC Batch: WETA/13479 Analysis Method: EPA 9012
QC Batch Method: EPA 9012 Analysis Description: 9012 Cyanide
Associated Lab Samples: 3543582001

METHOD BLANK: 294987 Matrix: Water
Associated Lab Samples: 3543582001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	0.0012 I	0.010	11/22/11 06:48	

LABORATORY CONTROL SAMPLE: 294988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.05	0.046	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 294989 294990

Parameter	Units	3542893001		MS	MSD	MS	MSD	MS	MSD	% Rec	Max		Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	
Cyanide	mg/L	0.0010 U	.05	.05	.05	0.045	0.047	89	92	80-120	3	20	

QUALIFIERS

Project: Tomoka LF Leachate
Pace Project No.: 3543582

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.

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.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

BATCH QUALIFIERS

Batch: OEXT/6509

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: OEXT/6510

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: GCSV/4775

[1] Ethoprop outside of LCS control limits. Per NELAC, one marginal exceedance is allowed for 11-30 analytes. Data Reported.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

1p Sample could not be re-extracted due to not enough volume and/or the holding time has been exceeded.

D4 Sample was diluted due to the presence of high levels of target analytes.

J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

J(S1) Estimated Value. Surrogate recovery outside laboratory control limits (confirmed by re-analysis).

J(S2) Estimated Value. Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

J(S5) Estimated Value. Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Tomoka LF Leachate
Pace Project No.: 3543582

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
3543582001	L-1		FLD/		
3543582001	L-1	EPA 8011	OEXT/6548	EPA 8011	GCSV/4771
3543582001	L-1	EPA 3510	OEXT/6509	EPA 8081	GCSV/4751
3543582001	L-1	EPA 3510	OEXT/6510	EPA 8082	GCSV/4761
3543582001	L-1	EPA 3510	OEXT/6536	EPA 8141	GCSV/4774
3543582001	L-1	EPA 8151	OEXT/6519	EPA 8151	GCSV/4756
3543582001	L-1	EPA 3010	MPRP/6518	EPA 6010	ICP/4489
3543582001	L-1	EPA 3010	MPRP/6519	EPA 6020	ICPM/2875
3543582001	L-1	EPA 7470	MERP/2273	EPA 7470	MERC/2277
3543582001	L-1	EPA 3510	OEXT/6506	EPA 8270	MSSV/2673
3543582001	L-1	EPA 8260	MSV/4226		
3543582002	Trip blank (11/18/11)	EPA 8260	MSV/4226		
3543582001	L-1	SM 2320B	WET/11033		
3543582001	L-1	SM 2540C	WET/11008		
3543582001	L-1	EPA 9034	WET/10999		
3543582001	L-1	EPA 300.0	WETA/13477		
3543582001	L-1	EPA 300.0	WETA/13616		
3543582001	L-1	EPA 350.1	WETA/13516		
3543582001	L-1	EPA 9012	WETA/13479	EPA 9012	WETA/13508

Sample Condition Upon Receipt Form (SCUR)

Table Number: _____

Client Name: VOLCTY Project # 354 3582

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 T73A Type of Ice: Wet Blue None

Cooler Temperature°C 2.9 (Visual) -0.2 (Correction Factor) 2.7 (Actual)

Date and Initials of person examining contents: A 11/18/11

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?

Yes No

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met:

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

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

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

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

Project Manager Review: A Date: 11/18/11

Finished Product Information Only

F.P. Sample ID: _____

Size & Qty of Bottles Received

Production Code: _____

_____ x 5 Gal

Date/Time Opened: _____

_____ x 2.5 Gal

Number of Unopened Bottles Remaining: _____

_____ x 1 Gal

_____ x 1 Liter

_____ x 500 mL

_____ x 250 mL

_____ x Other: _____

Extra Sample in Shed: Yes No

Field Measurement Calibration Records

 INSTRUMENT (MAKE/MODEL#) YSI

 INSTRUMENT # 2697/FP-6

PARAMETER (check only one)

- | | | | | |
|--------------------------------------|---------------------------------------|--|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> Temperature | <input type="checkbox"/> Conductivity | <input type="checkbox"/> ORP | <input type="checkbox"/> Chlorine | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Turbidity | <input type="checkbox"/> pH | <input checked="" type="checkbox"/> DO | <input type="checkbox"/> 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: <u>100% SATURATED AIR</u>	<u> </u>	<u> </u>	<u> </u>
Standard B: <u> </u>	<u> </u>	<u> </u>	<u> </u>
Standard C: <u> </u>	<u> </u>	<u> </u>	<u> </u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
<u>11/9/11</u>	<u>0740</u>	<u>A</u>	<u>9.056</u>	<u>9.20</u>		<u>N</u>	<u>CCV</u>	<u>RAH</u>
<u>11/9/11</u>	<u>0742</u>	<u>A</u>	<u>8.968</u>	<u>9.07</u>		<u>N</u>	<u>CCV</u>	<u>RAH</u>
<u>11/10/11</u>	<u>0800</u>	<u>A</u>	<u>9.147</u>	<u>9.04</u>		<u>N</u>	<u>CCV</u>	<u>RAH</u>
<u>11/11/11</u>	<u>0808</u>	<u>A</u>	<u>9.092</u>	<u>9.09</u>		<u>N</u>	<u>CCV</u>	<u>SCS</u>
<u>1</u>	<u>1435</u>	<u>A</u>	<u>9.147</u>	<u>9.08</u>		<u>N</u>	<u>CCV</u>	<u>SCS</u>

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) VSE

INSTRUMENT # 2697/FO-6

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:	<u>147</u>	<u>PWC-2569</u>	<u>10/17/11</u>	<u>8/11/12</u>
Standard B:	<u>1413</u>	<u>PWC-3716</u>	<u>11/23/11</u>	<u>4/25/12</u>
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/8/11	0743	A	147	153		Y	IC	R.H.
	0746	B	1413	1350		N	ICV	R.H.
	0749	A	147	147		N	ICV	R.H.
11/9/11	0745	A	147	147		N	CCV	R.H.
	0748	B	1413	1357		N	CCV	R.H.
11/10/11	0806	A	147	147		N	CCV	R.H.
	0810	B	1413	1351		N	CCV	R.H.
11/11/11	0814	A	147	145		N	CCV	SES
	0818	B	1413	1364		N	CCV	SES
	1441	A	147	145		N	CCV	SES
	1445	B	1413	1361		N	CCV	SES

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI

INSTRUMENT # 2697

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:	<u>7.0</u>	<u>FC-118</u>	<u>9/12/11</u>	<u>6/30/13</u>
Standard B:	<u>4.0</u>	<u>LWC-970</u>	<u>9/27/11</u>	<u>7/31/13</u>
Standard C:	<u>10.0</u>	<u>FC-116</u>	<u>8/23/11</u>	<u>6/30/12</u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/17/11	0827	A	7.0	7.01		N	CCV	JCS
	0831	B	4.0	4.02		N	CCV	JCS
	0835	C	10.0	10.10		N	CCV	JCS
11/15/11	0904	A	7.0	7.06		N	CCV	JCS
	0908	B	4.0	4.05		N	CCV	JCS
	0912	C	10.0	10.07		N	CCV	JCS
11/18/11	749	A	7.0	6.87		N	CCV	SL
	756	B	4.0	4.16				
	825	C	10.0	9.83				
11/19/11	801	A	7.0	6.85		N	CCV	SL
	806	B	4.0	4.17				
	820	C	10.0	9.81				

Notes: _____

Field Measurement Calibration Records

 INSTRUMENT (MAKE/MODEL#) YSE

 INSTRUMENT # 2697/FD-6

PARAMETER (check only one)

- | | | | | |
|--------------------------------------|--|------------------------------|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> Temperature | <input type="checkbox"/> Conductivity | <input type="checkbox"/> ORP | <input type="checkbox"/> Chlorine | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Turbidity | <input checked="" type="checkbox"/> pH | <input type="checkbox"/> DO | <input type="checkbox"/> 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: <u>7.0</u>	<u>FC-118</u>	<u>9/12/11</u>	<u>6/30/2013</u>
Standard B: <u>4.0</u>	<u>IWC-770</u>	<u>9/27/2011</u>	<u>7/31/2013</u>
Standard C: <u>10.0</u>	<u>FC-116</u>	<u>5/23/11</u>	<u>6/30/2012</u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/8/11	0815	A	7.0	6.90		Y	IC	R.H.
	0818	B	4.0	4.21		Y	IC	R.H.
	0816	A	7.0	7.0		N	ICV	R.H.
11/9/11	0820	B	4.0	4.0		N	ICV	R.H.
	0825	C	10.0	9.88		N	ICV	R.H.
	0816	A	7.0	7.11		N	CCV	R.H.
11/10/11	0818	B	4.0	4.10		N	CCV	R.H.
	0820	C	10.0	10.06		N	CCV	R.H.
	0913	A	7.0	7.0		N	CCV	R.H.
11/11/11	0916	B	4.0	4.0		N	CCV	R.H.
	0918	C	10.0	10.14		N	CCV	R.H.
	0829	A	7.0	6.91		N	CCV	JCS
11/11/11	0825	B	4.0	4.08		N	CCV	JCS
	0826	C	10.0	10.05		N	CCV	JCS
	1449	A	7.0	6.94		N	CCV	JCS
11/11/11	1453	B	4.0	4.06		N	CCV	JCS
	1458	C	10.0	10.03		N	CCV	JCS

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) LA MOTT E

INSTRUMENT # 2864-4801

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:	<u>1.0</u>	<u>FC-112</u>	<u>6/20/11</u>	<u>5/31/12</u>
Standard B:	<u>10.0</u>	<u>FC-111</u>	<u>6/12/11</u>	<u>6/30/12</u>
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
<u>11/9/11</u>	<u>0845</u>	<u>A</u>	<u>1.0</u>	<u>1.00</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/9/11</u>	<u>0847</u>	<u>B</u>	<u>10.0</u>	<u>9.84</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/9/11</u>	<u>0833</u>	<u>A</u>	<u>1.0</u>	<u>0.93</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/9/11</u>	<u>0834</u>	<u>B</u>	<u>10.0</u>	<u>9.70</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/10/11</u>	<u>0833</u>	<u>A</u>	<u>1.0</u>	<u>1.02</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/10/11</u>	<u>0835</u>	<u>B</u>	<u>10.0</u>	<u>9.91</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/11/11</u>	<u>0811</u>	<u>A</u>	<u>1.0</u>	<u>1.07</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>
<u>11/11/11</u>	<u>0812</u>	<u>B</u>	<u>10.0</u>	<u>10.09</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>
<u>11/11/11</u>	<u>1437</u>	<u>A</u>	<u>1.0</u>	<u>0.98</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>
<u>11/11/11</u>	<u>1438</u>	<u>B</u>	<u>10.0</u>	<u>10.04</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI
 PARAMETER (check only one)

INSTRUMENT # 2697/F0-6

- 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: <u>208344 Solution DWG-3818</u>	<u> </u>	<u>11/7/2011</u>	<u>11/6/2012</u>
Standard B: <u> </u>	<u> </u>	<u> </u>	<u> </u>
Standard C: <u> </u>	<u> </u>	<u> </u>	<u> </u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
<u>11/8/11</u>	<u>0827</u>	<u>A</u>	<u>237.5</u>	<u>236.5</u>		<u>N</u>	<u>CCV</u>	<u>RA</u>
<u>11/9/11</u>	<u>0822</u>	<u>A</u>	<u>237.5</u>	<u>237.8</u>		<u>N</u>	<u>CCV</u>	<u>RA</u>
<u>11/10/11</u>	<u>0920</u>	<u>A</u>	<u>237.5</u>	<u>238.8</u>		<u>N</u>	<u>CCV</u>	<u>RA</u>

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) VSI

INSTRUMENT # 2606

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:	<u>100 %</u>	<u>SATURATED AIR</u>	_____	_____
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
<u>11/7/11</u>	<u>0830</u>	<u>A</u>	<u>8.968</u>	<u>8.78</u>		<u>Y</u>	<u>IC</u>	<u>JCS</u>
	<u>0831</u>	<u>A</u>	<u>8.968</u>	<u>8.94</u>		<u>N</u>	<u>ICV</u>	<u>JCS</u>
<u>11/8/11</u>	<u>0731</u>	<u>A</u>	<u>9.092</u>	<u>9.21</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>
<u>11/9/11</u>	<u>0740</u>	<u>A</u>	<u>8.830</u>	<u>8.78</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>
<u>11/10/11</u>	<u>0801</u>	<u>A</u>	<u>9.220</u>	<u>9.29</u>		<u>N</u>	<u>CCV</u>	<u>JCS</u>
<u>11/11/11</u>	<u>0736</u>	<u>A</u>	<u>9.111</u>	<u>9.28</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>
<u>11/11/11</u>	<u>1654</u>	<u>A</u>	<u>8.985</u>	<u>8.96</u>		<u>N</u>	<u>CCV</u>	<u>R.H.</u>

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) VSI

INSTRUMENT # 2606

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:	<u>147</u>	<u>DWC-3568</u>	<u>10/17/11</u>	<u>2/1/12</u>
Standard B:	<u>1413</u>	<u>DWC-3716</u>	<u>10/25/11</u>	<u>4/25/12</u>
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/14/11	0834	A	147	142		Y	IC	RA
	0838	B	1413	1388		N	ICU	RA
	0836	A	147	147		N	ICU	RA
11/15/11	0854	A	147	148		N	CCU	RA
	0856	B	1413	1409		N	CCU	RA
11/16/11	0842	A	147	149		N	CCU	RA
	0844	B	1413	1404		N	CCU	RA
11/17/11	0831	A	147	147		N	CCU	RA
	0833	B	1413	1403		N	CCU	RA
11-18-11	0758	A	147	147		N	CCU	RA
	0802	B	1413	1396		N	CCU	RA
11/19/11	750	A	147	147		N	CCV	SL
	753	B	1413	1394		+	+	+
11/19/11	1720	A	147	147		N	CCV	SL
	1724	B	1413	1390		+	+	+

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI

INSTRUMENT # 2606

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:	<u>147</u>	<u>PWC-3568</u>	<u>10/17/11</u>	<u>2/11/12</u>
Standard B:	<u>1413</u>	<u>PWC-3714</u>	<u>10/28/11</u>	<u>4/25/12</u>
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/7/11	0842	A	147	148		Y	IC	JCS
1	0850	B	1413	1359		N	ICV	JCS
11/8/11	0733	A	147	147		N	CCV	JCS
1	0738	B	1413	1375		N	CCV	JCS
11/9/11	0745	A	147	144		N	CCV	JCS
1	0750	B	1413	1358		N	CCV	JCS
11/10/11	0810	A	147	145		N	CCV	JCS
1	0814	B	1413	1359		N	CCV	JCS
11/11/11	0743	A	147	145		N	CCV	RH
1	0754	B	1413	1399		N	CCV	RH
11/11/11	1659	A	147	145		N	CCV	RH
1	1713	B	1413	1372		N	CCV	RH

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) VSI

INSTRUMENT # 2606

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: <u>7.0</u>	<u>FC-118</u>	<u>9/12/11</u>	<u>6/30/13</u>
Standard B: <u>4.0</u>	<u>1WC-770</u>	<u>9/27/11</u>	<u>7/31/13</u>
Standard C: <u>10.0</u>	<u>FC-116</u>	<u>8/23/11</u>	<u>6/30/12</u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/14/11	0838	A	7.0	7.09		N	CCV	RA
	0840	B	4.0	4.01		N	CCV	RA
	0843	C	10.0	9.97		N	CCV	RA
11/15/11	0858	A	7.0	7.08		N	CCV	RA
	0900	B	4.0	4.03		N	CCV	RA
	0903	C	10.0	10.09		N	CCV	RA
11/16/11	0848	A	7.0	7.08		N	CCV	RA
	0850	B	4.0	4.04		N	CCV	RA
	0851	C	10.0	10.08		N	CCV	RA
11/17/11	0839	A	7.0	7.07		N	CCV	RA
	0842	B	4.0	4.05		N	CCV	RA
	0844	C	10.0	10.09		N	CCV	RA
11-18-11	0817	A	7.0	7.06		N	CCV	RA
	0819	B	4.0	4.03		N	CCV	RA
	0822	C	10.0	10.09		N	CCV	RA
11/19/11	759	A	7.0	7.09		N	CCV	SS
	803	B	4.0	4.05		↓	↓	↓
	808	C	10.0	10.11		↓	↓	↓
11/19/11	1727	A	7.0	6.87		N	CCV	SS
	1730	B	4.0	3.86		↓	↓	↓
	1735	C	10.0	10.04		↓	↓	↓

Notes:

Field Measurement Calibration Records

 INSTRUMENT (MAKE/MODEL#) YSI

 INSTRUMENT # 2606

PARAMETER (check only one)

- | | | | | |
|--------------------------------------|--|------------------------------|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> Temperature | <input type="checkbox"/> Conductivity | <input type="checkbox"/> ORP | <input type="checkbox"/> Chlorine | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Turbidity | <input checked="" type="checkbox"/> pH | <input type="checkbox"/> DO | <input type="checkbox"/> 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 A:	Standard Value <u>7.0</u>	Trace # <u>FC-118</u>	Prep / Received Date <u>9/12/11</u>	Expiration Date <u>6/30/13</u>
Standard B:	Standard Value <u>4.0</u>	Trace # <u>1WC-770</u>	Prep / Received Date <u>9/27/11</u>	Expiration Date <u>7/31/13</u>
Standard C:	Standard Value <u>10.0</u>	Trace # <u>FC-116</u>	Prep / Received Date <u>8/23/11</u>	Expiration Date <u>6/30/12</u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/7/11	0851	A	7.0	7.18		Y	IC	JCS
	0857	B	4.0	3.91		Y	IC	JCS
	0851	A	7.0	7.00		N	ICV	JCS
	0859	B	4.0	4.00		N	ICV	JCS
	0904	C	10.0	9.93		N	ICV	JCS
11/8/11	^{25 11/11} 080740	A	7.0	7.04		N	CCV	JCS
	0744	B	4.0	4.04		N	CCV	JCS
	0749	C	10.0	10.09		N	CCV	JCS
11/9/11	0751	A	7.0	6.99		N	CCV	JCS
	0759	B	4.0	4.09		N	CCV	JCS
	0803	C	10.0	9.92		N	CCV	JCS
11/10/11	0815	A	7.0	7.04		N	CCV	JCS
	0819	B	4.0	4.03		N	CCV	JCS
	0822	C	10.0	10.07		N	CCV	JCS
11/14/11	0758	A	7.0	7.07		N	CCV	RH
	0800	B	4.0	4.04		N	CCV	RH
	0802	C	10.0	10.05		N	CCV	RH
11/14/11	1716	A	7.0	7.07		N	CCV	RH
	1718	B	4.0	4.04		N	CCV	RH
	1720	C	10.0	10.09		N	CCV	RH

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) YSI

INSTRUMENT # 2606

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: <u>ZOEBEL'S SOLUTION PWT-3515</u>		<u>11-7-11</u>	<u>11/6/12</u>
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
<u>11/14/11</u>		<u>A</u>	<u>236.2</u>	<u>253.0</u>		<u>N</u>	<u>CCV</u>	<u>RA</u>

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) LA MOTT E

INSTRUMENT # 4214-1703

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: <u>1.0</u>	<u>FC-112</u>	<u>6/30/11</u>	<u>5/31/12</u>
Standard B: <u>10.0</u>	<u>FC-111</u>	<u>6/17/11</u>	<u>6/30/12</u>
Standard C:			

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11-14-11	0845	A	1.0	0.99		N	CCV	R.H.
	0847	B	10.0	9.93		N	CCV	R.H.
11-15-11	0905	A	1.0	1.00		N	CCV	R.H.
	0907	B	10.0	9.88		N	CCV	R.H.
11/16/11	0852	A	1.0	0.97		N	CCV	R.H.
	0853	B	10.0	9.94		N	CCV	R.H.
11/17/11	0846	A	1.0	0.90		N	CCV	R.H.
	0847	B	10.0	9.91		N	CCV	R.H.
11-18-11	0825	A	1.0	0.94		N	CCV	R.H.
	0826	B	10.0	9.86		N	CCV	R.H.
11/19/11	755	A	1.0	0.99		N	CCV	SJ
	↓	B	10.0	9.83		+	+	+
11/19/11	1725	A	1.0	0.97		N	CCV	SJ
	↓	B	10.0	9.83		+	+	+

Notes:

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) LAMOTT

INSTRUMENT # 4214-1703

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:	<u>1.0</u>	<u>FC-112</u>	<u>6/20/11</u>	<u>5/31/12</u>
Standard B:	<u>10.0</u>	<u>FC-111</u>	<u>6/17/11</u>	<u>6/30/12</u>
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/7/11	0733	A	1.0	0.97		N	CCV	JCS
1	0734	B	10.0	9.83		N	CCV	JCS
11/8/11	0731	A	1.0	0.94		N	CCV	JCS
1	0732	B	10.0	9.87		N	CCV	JCS
11/9/11	0741	A	1.0	0.95		N	CCV	JCS
1	0742	B	10.0	9.77		N	CCV	JCS
11/10/11	0803	A	10.	0.93		N	CCV	JCS
1	0804	B	10.0	9.81		N	CCV	JCS
11/11/11	0809	A	1.0	0.99		N	CCV	RA.
1	0811	B	10.0	9.89		N	CCV	RA.
11/11/11	1722	A	1.0	1.03		N	CCV	RA.
1	1724	B	10.0	9.82		N	CCV	RA.

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) VSE

INSTRUMENT # 08K101524

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 #	Received Date ^(Prep)	Expiration Date
Standard A:	<u>147</u>	<u>PWC-3562</u>	<u>10/17/11</u>	<u>2/11/12</u>
Standard B:	<u>1413</u>	<u>PWC-3716</u>	<u>10/28/11</u>	<u>4/25/12</u>
Standard C:				

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/15/11	0900	A	147	146		Y	IC	JCS
	0905	B	1413	1386		N	ICV	JCS
	0901	A	147	147		N	ICV	JCS
11/16/11	0804	A	147	142		N	CCV	JCS
	0810	B	1413	1383		N	CCV	JCS
11/17/11	0803	A	147	144		N	CCV	JCS
	0809	B	1413	1389		N	CCV	JCS
11/18/11	0820	A	147	146		N	CCV	JCS
	0825	B	1413	1384		N	CCV	JCS
	1508	A	147	144		N	CCV	JCS
	1512	B	1413	1388		N	CCV	JCS

Notes: _____

Field Measurement Calibration Records

INSTRUMENT (MAKE/MODEL#) VSP

INSTRUMENT # 08K101526

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:	<u>7.0</u>	<u>FC-18</u>	<u>9/12/11</u>	<u>6/30/13</u>
Standard B:	<u>4.0</u>	<u>1WC-770</u>	<u>9/27/11</u>	<u>7/31/13</u>
Standard C:	<u>10.0</u>	<u>FC-46</u>	<u>8/23/11</u>	<u>6/30/12</u>

Date	Time	Standard (A,B,C)	Standard Value	Instrument Response	Deviation	Calibrated (Y,N)	Calibration Verification (IC, ICV, CCV)	Sampler Initials
11/15/11	0921	A	7.0	6.91		Y	IC	JCS
	0925	B	4.0	4.21		Y	IC	JCS
	0922	A	7.0	7.0		N	ICV	JCS
	0926	B	4.0	4.0		N	ICV	JCS
	0931	C	10.0	9.95		N	ICV	JCS
11/16/11	0824	A	7.0	6.91		N	CCV	JCS
	0830	B	4.0	3.99		N	CCV	JCS
	0835	C	10.0	9.86		N	CCV	JCS
11/17/11	0812	A	7.0	6.98		N	CCV	JCS
	0818	B	4.0	4.93 ^{3.93} 3.93		N	CCV	JCS
	0824	C	10.0	9.94		N	CCV	JCS
11/18/11	0831	A	7.0	6.91		N	CCV	JCS
	0838	B	4.0	3.96		N	CCV	JCS
	0850	C	10.0	9.91		N	CCV	JCS
	1520	A	7.0	6.94		N	ICV	JCS
	1525	B	4.0	3.98		N	CCV	JCS
	1530	C	10.0	10.02		N	CCV	JCS

Notes:

